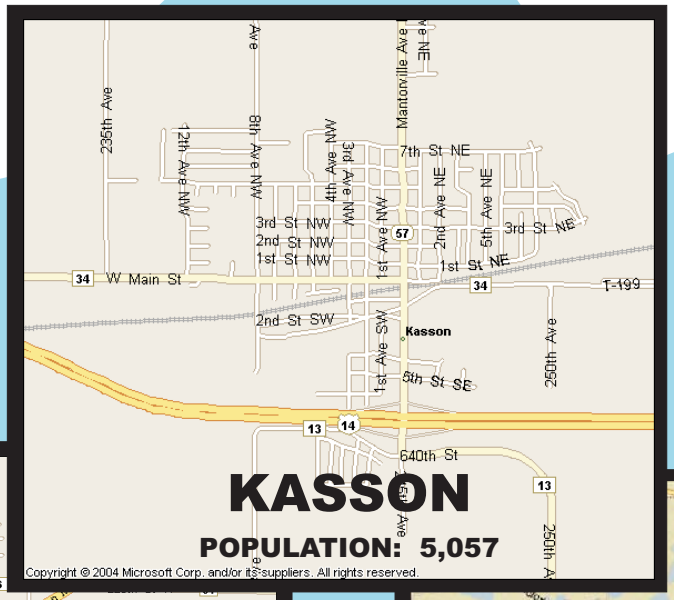
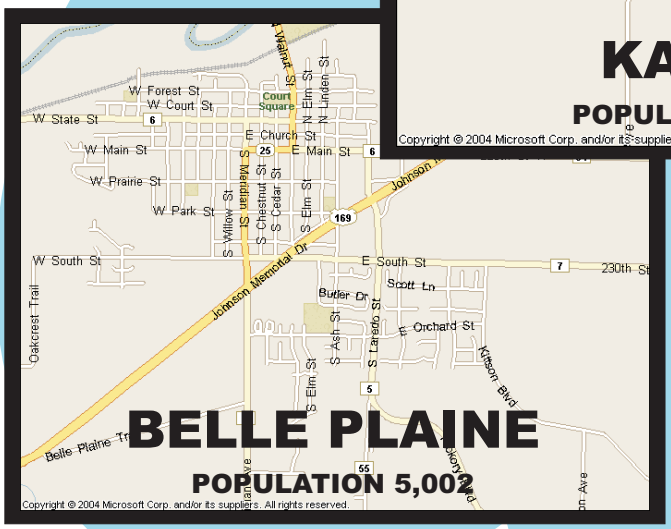
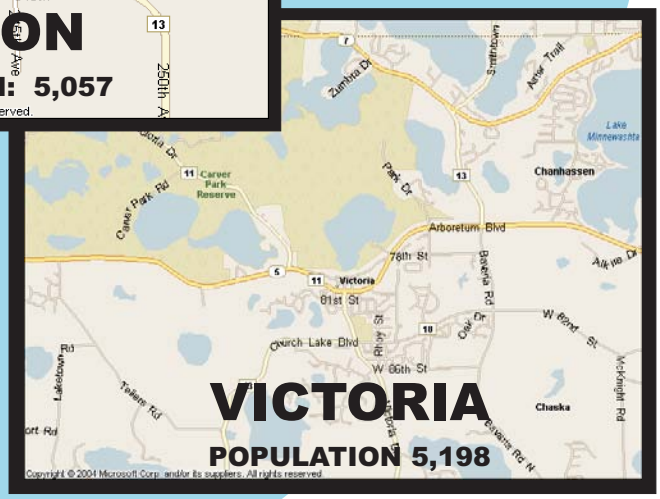
2004
MUNICIPAL STATE AID STREET NEEDS REPORT







THREE NEW MSAS CITIES

MINNESOTA DEPARTMENT OF TRANSPORTATION

October, 2004

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
Fax: 651 282-2727

September 17, 2004

To: **Municipal Engineers**

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

Subject: **2004 Municipal State Aid Needs Report**

Enclosed is a copy of the '2004 Municipal State Aid Needs Report' which will be reviewed by the Municipal Screening Board on October 19th and 20th 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 or Marshall.Johnston@dot.state.mn.us.

This report is distributed to all Municipal Engineers, and when the municipality engages a consulting engineer, either a copy is also sent to the municipal clerk or a notice is emailed stating that it is available for either printing or viewing at www.dot.state.mn/stateaid .

An equal opportunity employer

PREFACE

The "2004 Municipal State Aid Street Needs Report" is presented to the Municipal Screening Board for use in making their annual construction (money) needs recommendation to the Commissioner of Transportation.

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

The construction (money) needs data contained in this publication has been compiled from reports submitted by each municipality. The construction needs are calculated by applying the unit prices, as determined by the Municipal Screening Board at their spring meeting in June 2004, to the quantities in the appropriate design group.

The population data is combined with the Commissioner's final construction (money) needs and the result will be used to determine the 2005 allocation which will be reported in the "2005 Municipal State Aid Apportionment Data" to be published in January 2005.

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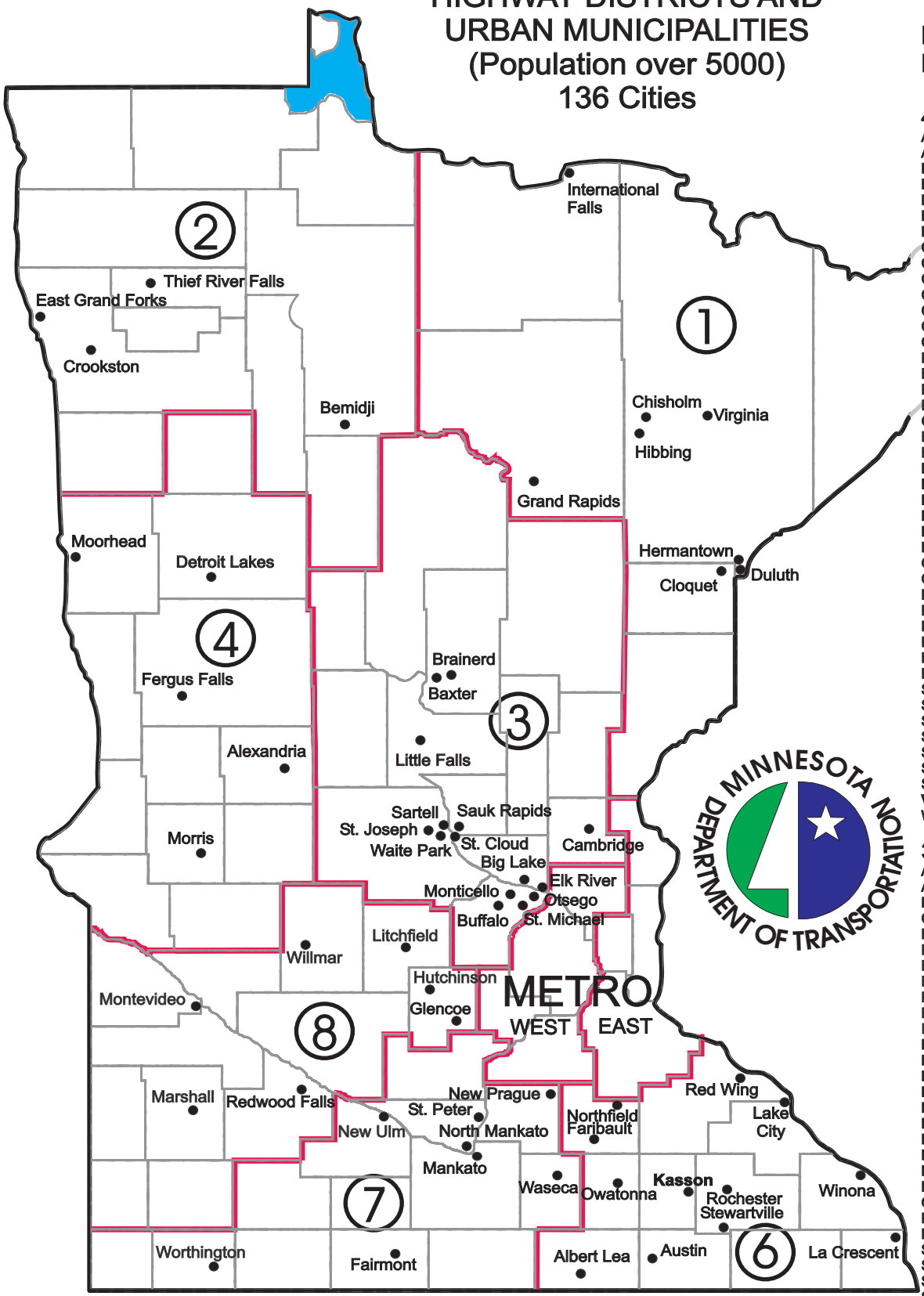
STATE OF MINNESOTA

HIGHWAY DISTRICTS AND URBAN MUNICIPALITIES (Population over 5000) 136 Cities



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METRO MUNICIPALITIES

44 Metro West Cities

Andover
Anoka
Belle Plaine
Blaine
Bloomington
Brooklyn Center
Brooklyn Park
Champlin
Chanhassen
Chaska
Columbia Heights
Coon Rapids
Corcoran
Crystal
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
Victoria
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, 2004

2004 MUNICIPAL SCREENING BOARD

screening board stuff\2004\Screening Board October 2004.xls 16-Sep-04

OFFICERS

Chair	Mike Metso	Duluth	(218) 723-3278
Vice Chair	Maria Hagen	St. Louis Park	(952) 924-2687
Secretary	Stephen Gaetz	St. Cloud	(320) 255-7241

MEMBERS

District	Served	Representative		
1	3	John Suihkonen	Hibbing	(218) 262-3486
2	2	Dave Kildahl	Crookston, T R Falls	(218) 281-6522
3	2	Bret Weiss	Monticello	(763) 541-4800
4	1	Jeff Kuhn	Morris	(320) 762-8149
Metro-West	1	Craig Gray	Anoka	(763) 576-2781
6	1	Jeff Johnson	Owatonna	(507) 444-4350
7	3	Tim Loose	St. Peter	(507) 625-4171
8	2	Dave Berryman	Montevideo	(320) 269-7695
Metro-East	3	Chuck Ahl	Maplewood	(651) 770-4552
(Three Cities		Mike Metso	Duluth	(218) 723-3278
of the		Klara Fabry	Minneapolis	(612) 673-2443
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	Robert Zimmerman	Moorhead	(218) 299-5390
Metro-West	Jon Haukaas	Fridley	(763) 572-3550
6	Vacant		
7	Fred Salsbury	Waseca	(507) 835-9700
8	Glen Olson	Marshall	(507) 537-6774
Metro-East	Deb Bloom	Roseville	(651) 490-2200

16-Sep-04

2004 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
Steve Koehler, Chair New Ulm (507) 359-8245 Expires in 2004	David Jessup, Chair Woodbury (651) 714-3593 Expires in 2004
Melvin Odens Willmar (320) 235-4202 Expires in 2005	Thomas Drake Faribault (507) 334-2222 Expires in 2005
Shelly Pederson Bloomington (952) 563-4870 Expires in 2006	Lee Gustafson Minnetonka (952) 939-8200 Expires in 2006

miscellaneous/subcommittees 2004.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
1984	PRUSAK Cloquet	FREEBERG Bemidji	DOLENTZ St. Cloud	BAKKEN Detroit Lakes	RUDRUD Bloomington	PLUMB Rochester	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
2004	SUIHKONEN Hibbing	KILDAHL Crookston	WEISS Monticello	KUHN Morris	GRAY Anoka	JOHNSON Owatonna	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
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 FABRY	KURTZ	METSO	GUSTAFSON Minnetonka	METSO Duluth	HAGEN St. Louis Park
2004	FABRY	KURTZ	METSO	METSO Duluth	HAGEN St. Louis Park	GAETZ St.Cloud

2004 Municipal SCREENING BOARD
Spring Meeting Minutes
June 1 & 2, 2004

I. Opening by Municipal Screening board Chair Mike Metso

The 2004 Spring Municipal Screening Board Meeting was called to order at 1:05 p.m. on Tuesday, June 1, 2004

A. Chair Metso introduced the Head Table and Subcommittee Chairs:

Himself - Mike Metso, Duluth - Chair, Municipal Screening Board
Maria Hagen, St. Louis Park - Vice Chair, Municipal Screening Board
Julie Skallman, MnDOT - State Aid Engineer
Marshall Johnston, MnDOT - Manager, Municipal State Aid Needs Unit
David Jessup, Woodbury - Chair, Unencumbered Funds Subcommittee and Past Chair, Municipal Screening Board
Steve Koehler, New Ulm - Chair, Needs Study Subcommittee
Tom Drake, Fairbault - Past Chair, Municipal Screening Board
Lee Gustafson, Minnetonka - Past Chair, Municipal Screening Board
Stephen Gaetz, St. Cloud - Secretary, Municipal Screening Board

B. Secretary Gaetz conducted the roll call with the following members present::

District 1	John Suihkonen, Hibbing
District 2	Dave Kildahl, Crookston, Thief River Falls
District 3	Brett Weiss, Monticello
District 4	Jeff Kuhn, Morris
Metro West	Craig Gray, Anoka
District 6	Jeff Johnson, Owatonna
District 7	Tim Loose, St. Peter
District 8	Dave Berryman, Montevideo
Metro East	Chuck Ahl, Maplewood
Duluth	Mike Metso
Minneapolis	Rhonda Rae, Alternate (in place of Klara Fabry)
St. Paul	Paul Kurtz

C. Chair Metso recognized the following Screening Board Alternates:

District 1	Tom Pagel, Grand Rapids
District 7	Fred Salisbury, Waseca
Metro East	Deb Bloom, Roseville

D. Chair Metso recognized Minnesota Department of Transportation personnel in attendance:

Rick Kjonaas	Deputy State Aid Engineer
Jim Koivisto	Project Delivery Engineer
Diane Gould	Manager, County State Aid Needs Unit
Mark Channer	Assistant Mgr., MSAS Need Unit
Walter Leu	District 1 State Aid Engineer
Lou Tasa	District 2 State Aid Engineer
Kelvin Howieson	District 3 State Aid Engineer
Merle Earley	District 4 State Aid Engineer
Steve Kirsch	District 6 State Aid Engineer
Doug Haeder	District 7 State Aid Engineer
Tom Behm	District 8 State Aid Engineer
Mark Gieseke	Metro State Aid Engineer
Norm Cordes	Assistant Mgr., CSAH Needs Unit (not present)
Patti Simmons	Assistant Metro State Aid Engineer
Dan Erickson	Assistant Metro State Aid Engineer

E. Chair Metso recognized others in attendance:

Larry Veek, Minneapolis
Jim Vanderhoof, St. Paul
Dave Sonnenberg, SEH

II. Review of the 2004 Municipal Screening Board Data Booklet

The Chair suggested that the entire report be reviewed and discussed Tuesday with any required action to be taken on Wednesday morning. This would give all members a chance to informally discuss the various items on Tuesday evening.

The Chair announced that the Wednesday morning meeting is scheduled to adjourn by 10:00 A.M. for a joint meeting with the County Engineers Executive Committee at 10:15 a.m.

A. The October 2003 Screening Board minutes were presented for approval (pages 4-16). Motion by Kildahl, second by Ahl to approve minutes as presented. Motion carried without opposition.

B. Johnston began his report by reviewing a few of the actions that were taken at the October 2003 Screening Board meeting:

a. Computation of Unencumbered Construction Account Needs Adjustment (page 6): In the past if you had an advance you did not receive any type of adjustment, now if you have a general fund advance you get a positive adjustment to your needs in that amount.

b. Low Balance Incentive (page 6): Cities that have high construction balances in their December 31st construction accounts (high balance =

greater than 3 x annual apportionment *and* greater than $1 million) receive a negative adjustment in that amount. This amount is redistributed to cities with low balances (less than 1 x annual apportionment). For the actual 2004 allocation, seven cities with over three times their January 2003 construction allotments in their December 31, 2003 account balances had $10,874,098 in needs redistributed to 81 cities with less than one times their allotment in their account. Another three cities had over three times their allotment in their account balance, but received no adjustment because the balance was less than $1 million.

c. Needs Study Subcommittee Recommendations, (Storm Sewer Needs, page 13): The NSS stands behind the previous recommendation that Storm Needs calculations remain as currently determined. The NSS reviewed many different scenarios for computing Storm Needs but found no other method to be more accurate or more beneficial than the current method. Their conclusion, therefore, is not to make any revisions in the way that storm sewer needs are determined (see pages 77 through 92 for further discussion and details in this regard). NSS chair Koehler noted that one overriding factor in this decision was that that the District State Aid Engineer already has the ability and discretion to adjust Storm Sewer Needs in special cases. Ahl agreed that, while this was a worthy exercise, it is time to put this issue to rest. Metso thanked the NSS subcommittee and District State Aid Engineers for their considerable work on this issue.

C. Review of Unit Price Recommendations

a. Unit Price Recommendations (page 19): Johnston reviewed the unit price recommendations of the NSS. Johnston noted that several unit prices were increased by a factor of 3% +/-, some were left “as is” based on the unit price study average or the 5-year average, and other prices were increased at a higher rate due to projected increases in fuel costs.

The following revisions to the information presented on page 19 were noted:

- The suggested 2004 price for Gravel Surface #2118 should be $5.50/ton (not $5.67/ton).
- The Subcommittee did not review Right-of-way so the space provided for the Subcommittee’s suggested price should have been left blank. Johnston noted that ROW needs are paid after-the-fact so the unit price for ROW doesn’t affect the annual allocation.
- The Subcommittee did not review Engineering so the space provided for the Subcommittee’s suggested price for that item should have been left blank. Johnston recommended that this item should remain at the current rate of 20 percent, and have the Subcommittee review it next year.

b. Maintenance Needs Cost Recommendations (pages 20-21): Johnston noted that each street receives a maintenance need based on existing data. This amount is added to the segment's street needs. Statewide, maintenance needs amount to 0.82% of the total Needs.

Johnston reviewed the components individual unit prices used in determining Maintenance Needs. As shown in the table on page 20, NSS recommends that the 2004 Maintenance Needs prices be increased by 3% over 2003. The recommended minimum Maintenance Need allowance per mile is $5150.

D. Review of Unit Prices and Graphs

a. Review of Individual Unit Price Recommendations of the NSS (pages 24-59): Johnston briefly explained the history of the Unit Price Study process. Johnston noted that the Subcommittee recommended an increase of 3% +/- for most unit price items in the 2004 Needs Study. There were 141 on-system projects and 58 off-system projects let in 2003 for which payment requests were received. The state average of the on-system project prices and quantities were used by NSS in determining the recommended prices to be used in the 2004 Needs Study.

The needs value this year is $19.80 per every $1000 in needs as compared to $20.39 per $1000 in needs last year. The total needs this year is $2.824 billion (compared to $2.680 billion last year), and the total apportionment for all 133 cities is $110 million. Based on these figures it would take about 25 ½ years to reconstruct the system.

Johnston reviewed the individual unit cost items and the recommended price of each for the 2004 Needs Study. The graphs on pages 58 and 59 depict the unit prices by District and the State averages.

b. Review of Unit Price Recommendations from Other Sources (pages 60-74): Johnston reviewed the unit price recommendations that are based on information obtained from other sources:

Storm Sewer (pages 60-61) - The NSS recommended price for Storm Sewer Adjustment is $83,775 per mile, and the recommended price for Storm Sewer Construction is $262,780 per mile. These figures are based on an analysis performed by MnDOT's Hydraulic Office that took into consideration unit prices from 142 State Aid storm sewer projects let in 2003 (see page 61).

Street Lighting (page 60) – NSS recommends no revision in the unit price ($48,000 per mile) for lighting needs. There has been no recent study of

street lighting needs so this recommendation is based on engineering experience/judgement.

Traffic Signals (page 60) – NSS recommends no change in the unit price ($124,000 per mile) for traffic signal needs. The computation of actual signal needs is based on the unit price and projected traffic as shown in the table on page 19. There has been no recent study of traffic signal needs so the unit price figure is based on engineering experience.

Railroad Crossings (pages 60-62) - NSS recommends unit prices as follows: Signs - $1000 per crossing (same as last year); Pavement Markings - $750 per crossing (same as last year); Signals, low speed - $150,000 (increase of $30,000 over last year); Signals and Gates, high speed - $187,500 (increase of $27,500 over last year); Concrete Surface Crossing - $1000 per foot per track (same as last year). These prices are based on recommendations from MnDOT's Office of Freight and Commercial Vehicle Operations.

Special Drainage Costs for Rural Segments (pages 63-64) – The NSS recommended price is $40,000 per mile. This unit price hadn't been increased for two years. This recommendation is based on information from MnDOT's Estimating Unit.

Gravel Surfacing (pages 65-66) - NSS recommends $5.50 per ton for gravel surfacing. This item applies only to rural roads with projected traffic of 150 or less. There are only 6 miles of qualifying roadway on the MSA system. This unit price recommendation is based on information from the CSAH Roadway Unit.

Bridges (pages 67-73) – There are 372 bridges on the system, 120 of these are deficient, 168 are adequate, and 84 don't generate needs because they are either non-existing or span over Interstates or Trunk Highways. In the past we used three different bridge costs based on bridge length. This was changed a few years ago to a single unit cost for all bridges. NSS recommends a unit price of $74 per square foot for all bridges (note that the figure on the bottom of page 70 should read $74.00 per square foot, not $70.00 per square foot). This recommendation is based on information taken from CSAH Unit Report.

Railroad Bridges Over Highways (page 74) - There are 65 railroad bridges over highways on the MSA system, 51 of these are deficient for needs purposes (i.e. - over 35 years old). No such bridges were constructed last year. The NSS recommended prices for the 2004 Needs Study are $9600 per lineal foot for the first track and $8000 per lineal foot for each additional track. These figures represent a 3% increase over 2003 prices.

MnDOT Minor Structures – Johnston handed out a list of minor structure unit prices for information purposes. These costs hadn't been changed since 1997. The recommended costs are $400 per lineal foot for culverts under 10 feet in diameter and $800 per lineal foot for culverts 10 feet or larger in diameter.

E. Other Topics:

a. Advances from the General MSAS Construction Account (pages 94-98): Johnston reported that Sate Aid is running very short on dollars to advance this year. As of last week it was determined that up to $33 million could be advanced (note that the $27 million figure listed on page 94 of the report has been revised to $33 million) but only $4.5 million of this amount is still available because current City requests are in excess of $28 million. The $33 million cap was determined by Skallman, and Kjonaas in consultation with Joan Peters from State Aid Finance.

Kjonaas noted that any city needing an advance this year should have already communicated that need to State Aid. Kjonaas said that State Aid should be able to honor all requests for advancements in 2004, but cities shouldn't count on having any money available to advance in 2005. This is because a number of cities have set up payment schedules to repay over the next two or three years so much of the money that would otherwise be available has already been spoken for. Another factor is that cities are still spending aggressively so the fund balance has been dropping steadily. Kjonaas noted, however, that cities still have the option of selling state aid bonds to secure advance funding.

Kjonaas observed that we really don't know where we'll be at the end of the year because some City's have requested more money for advancement than they are actually spending. Because of this concern a new, more detailed City Council resolution (see page 97) is now required to request an advance.

Hagen questioned why so many requests have been forthcoming this year. Kjonaas stated that the requests for advancement are up somewhat this year but not dramatically so. The difference between this year and last is that we started off with a lower fund balance so less money is available to advance. In calendar year 2003 a lot more money was spent than was allotted, and that trend has continued through the first half of this year.

Hagen and Metso questioned how the $33 million cap was determined. Skallman responded that State Aid looks at several factors including the year-end balance and recent spending history. They take a conservative

approach and maintain a reasonable "safety net" to ensure that all existing obligations can be met. Skallman said that the numbers will be reviewed again in October and the cap may be adjusted at that time if warranted.

Gray observed that we may need to take another look at the high balance penalty if cities cannot rely on the ability to advance projects in the future. Metso agreed and noted that this will likely be a topic for discussion at future screening board meetings.

b. Relationship of Construction Balance to Construction Allotment (pages 99-100): Johnston stated that the unencumbered balance dropped from just over $80 million at year-end 2002 to less than $40 million at year-end 2003 (see graph on page 99 for details). In 2003 cities spent almost $122 million, which was 1.46 times more than they received.

Drake and Metso questioned why the construction allotment had increased so much from 2001 to 2002, and then dropped from 2002 to 2003. Kjonaas responded that the accounting office had overestimated the income in 2002 resulting in overpayment of the construction allotment that year. A correction was subsequently made in 2003 resulting in a drop in the construction allotment that year. Kjonaas observed that the overall trend from 2000 through 2003 looks about right.

c. 2004 Apportionment Rankings (pages 101-103):
Johnston briefly reviewed the 2004 apportionment rankings. There were no questions.

d. Local Road Research Program (page 104):
Johnston stated that information on the Local Road Research Board Program is in the book for information purposes.

e. County Highway Turnback Policy (pages 105-106):
Johnston stated that this is a very complicated policy. If cities have questions they should contact their DSAE.

f. Status of Municipal Traffic Counting (pages 107-109):
Johnston stated that this section is for information purposes. Many cities were counted in 2003 and updated in the needs in 2004.

g. Current Resolutions of the Municipal Screening Board (pages110-119);
Johnston reviewed the changes from last fall:

- *Widening Needs* (page 112) – The definition of Widening Needs was changed. Now a roadway cannot generate any needs except for resurfacing until it's 10 years old, from 10-20 it can generate widening

needs if you request it, after 20 you can ask to reinstate complete needs.

- *Bond Adjustment* (page 117) – The wording has been changed to indicate that bond account money spent off the Municipal State Aid, CSAH or Trunk Highway system would not be eligible for Bond Account Adjustment.

- *Unencumbered Construction Fund Balance Adjustment* (page 117) – Any city that has an advance will receive a positive adjustment to their needs, whereas previously no adjustment was made. (See the discussion under section I.B.a. of these minutes).

- *Low Balance Incentive* (page 118) – Johnston noted that he had addressed this item earlier in the day. (See the discussion under section I.B.b. of these minutes).

III. Other Discussion Items:

A. State Aid Report:

Skallman turned the meeting over to Gieseke to discuss the status of the State Aid Mission study. Skallman is interested in any feedback that we have to offer.

Gieseke gave a power point presentation detailing the history and objectives of State-Aid and the motivation behind the on-going State Aid Mission Study. Gieseke noted that the state-aid system was developed in 1954 with the first apportionments distributed in 1957. The original mission of the state aid system was to improve “roads of community interest” to minimum standards within a limited amount of time.

The objectives of the first phase of the Mission Study are to reexamine the purpose and goals of the state aid system, define the State interest in local roads, review the criteria for establishing state aid routes, and review the Needs component of the allocation formula to determine if the current method provides the desired results. It’s not the purpose of the study to come up with a new distribution formula, although that may be a future consideration. One preliminary conclusion is that the current formula works well 95 percent of the time, but some revisions may be warranted to better address high volume roadways in high growth areas. A Steering Committee has been formed to guide the study process. Three City Engineers (Mel Oden, Willmar, Brian Bachmeier, Oakdale and Charles Honchell. Bloomington) are on the Steering Committee. For additional information interested parties may contact Gieske or Kjonaas or any of the Steering Committee members.

Skallman questioned if the study will address off-system expenditures by cities. She noted that some cities are spending 40 percent or more of their funds off-system. Gieske replied that the original state-aid mission did not address such matters. Skallman asked the Committee to have a discussion of this issue and determine whether or not such a high level of off-system expenditures is appropriate. Drake, Ahl, Hagen and others echoed Skallman's concerns. It was also suggested that the Committee should review County right-of-way practices, as some counties require cities to pay right-of-way costs for County Highway expansion projects within municipal limits. It was noted that Counties are in effect using City funds to build their system and that it may be more appropriate for counties to raise the funds that they need through taxation or other means. Ahl suggested that off-system expenditures may be contrary to the purpose of state-aid to cities. Gieske said that the Committee would take a look at these issues.

Salisbury questioned where the study is going and how it will be wrapped up. Gieseke said that the first step is to come up with some general statements that everyone can agree to in concept The next steps - where to go with this information - will be trickier. He envisions that additional committees will be set up to tackle the resultant issues. The initial study findings will be brought back to the Screening Board for review and comment before subsequent steps are taken.

Gustafson asked how study information will be made available to the City Engineers group, and what process will be used to get feedback from City Engineers. Metso noted that the three City Engineer representatives on the Mission Study Committee were not appointed by CEAM and have not communicated with CEAM or the Screening Board to date. In the ensuing discussion Metso, Drake and others agreed that the Mission Study should include a clearly defined communication process to provide information to, and get feedback from, CEAM and the Municipal Screening Board. Skallman questioned if the League of Minnesota Cities should also be involved in this process. Gustafson responded that the League should be involved but we need to keep in mind that the League doesn't represent every city.

Berryman suggested that the Committee should take a look at how MnDOT funding policies have changed overtime, and how this change has affected cities. For example, MnDOT no longer wants to participate in expansion costs related to new development, yet cities can't simply pass on all of these costs to developers. Berryman noted that there appears to be general agreement that the distribution formulas should not be significantly changed, and that what is needed is a bigger funding "pie." He suggested that the report should address the issue of getting a bigger "pie." Gieseke responded that the Committee has not yet looked at these issues but will do so.

B. Legislative Update:

Metso noted that Dave Hutton, Chair of the Legislative Committee, was unable to attend the MSB meeting. Gustafson summed up the past legislative session by noting that "nothing happened." Gustafson stated that the Legislative Committee is planning to meet in October during the League meeting in Duluth to discuss issues and develop strategy for the next legislative session.

Metso reported that the executive boards of the City Engineers and County Engineers will be meeting tomorrow Some of the legislative issues that will be discussed include: update on the transportation/street utility, plat authority legislation, municipal consent legislation, and the formation of a joint City/County Legislative Committee.

IV. Upon request from Chair Metso, a motion was made by Ahl, seconded by Weiss, and carried without opposition to adjourn until 8:30 a.m. Wednesday at which time formal actions will be taken on items before the Board.

WEDNESDAY MORNING SESSION

The Municipal Screening Board reconvened at 8:30 a.m. on June 2, 2004.

Attendance Note: Klara Fabry, Minneapolis, was in attendance.

Chair Metso reminded everyone that a joint meeting with the County Engineers Executive Committee is scheduled for 10:15 a.m..

I. Formal Actions by the 2004 Municipal Screening Board:

A. *NSS Recommendations on Storm Sewer Needs* (pages 17-18 and 77-92)

The Subcommittee recommends that we do not change the needs process relative to storm sewer needs. Motion by Ahl, second by Barryman, and carried without opposition to accept the NSS recommendation not to change the storm sewer needs process.

B. NSS Recommendations on Unit Prices (pages 19-20)

Ahl questioned if unit price reductions are ever considered. Koehler and Kjonaas responded that reductions are considered when warranted. Discussion took place regarding right-of-way and engineering needs. It was noted that the cost per acre used for right-of-way isn't very important since right-of-way needs are paid after-the-fact based on actual costs. Skallman

indicated that the motion should indicate the figures to be used for the right-of-way and engineering need prices since these items weren't addressed by the NSS recommendation. Motion by Weiss, second by Loose and carried without opposition to accept the Needs Study Subcommittee's Unit Price recommendations as presented with the addition of right-of-way needs at $93,000/acre and engineering needs at 20 percent.

Discussion took place concerning the need to conduct a study of current versus historical Maintenance Needs. The concern is that city transportation needs may be underreported because the maintenance component appears to be too low. It was noted that cities that experience high maintenance costs could realize an increase in their total apportionment if Maintenance Needs are adjusted upward, however, other cities would stand to loose. Motion by Johnson, second by Fabry to refer this matter to the Needs Study Subcommittee for study. The motion carried on a split vote 7/5. Metso asked NSS to give a progress report and/or recommendation on this study at the fall MSB meeting.

C. Unit Price Recommendations from Other Sources:

i. Storm Sewer costs (pages 60-61)
ii. Street Lighting costs (page 60)
iii. Traffic Signal costs (page 60)
iv. Railroad Crossing costs (pages 60-62)
v. Special Drainage costs (pages 63-64)
vi. Bridge costs (pages 67-73)
vii. Culvert costs (Handout)
viii. Overpass costs (page 74)

Motion by Gray to accept the recommendations in total, second by Johnson, carried without opposition.

II. Continuation of State Aid Report

A. Mission Study

Salisbury asked what is to be done with the Mission Study results. Skallman replied that the study results are to be shared with the various organizations, legislative staff and others who ask questions about statewide transportation needs. The information won't be released, however, until the MSB and other involved parties have had ample opportunity to review the information and provide input.

Skallman asked how MSB would like to provide input to the Mission Study process. Metso said that he intends to contact the City Engineer representatives on the Mission Study Steering Committee and ask them to give status reports at future CEAM Executive Committee meetings. Metso will

also pursue other communication links as necessary and warranted. Fabry, Weiss and others suggested that the Mission Study findings be brought back to the fall MSB meeting for review and recommendation. Skallman said that this would be done.

To clarify the foregoing understanding a motion was made by Ahl and seconded by Suihkonen that "the Municipal Screening Board recommends that Melvin Odens (Willmar), Brian Bachmeier (Oakdale) and Charles Honchell (Bloomington) be designated as representatives of the City Engineer's Association of Minnesota on the State Aid Mission Study Update Steering Committee and further, that the Municipal Screening Board recommends to MnDOT State Aid that the update and findings be referred to the CEAM Executive Board for further analysis and an official position representing the City Engineers, and report back to the 2004 Fall Screening Board." After further discussion the motion was adopted without dissent.

B. State Aid Administration Account

Kjonaas reported that the State Aid Administration Account is getting spent down close to zero. State Aid would like to increase the historical 1 ½ percent Admin fee to 2 percent. The additional ½ percent would amount to about $500,000 per year. State Aid intends to bring forward a request to increase the administrative fee for counties to 2 percent during the next legislative session but will hold off for now in requesting a similar increase for cities until additional input is received.

Hagen suggested that State Aid provide a list of specific services that would be funded out of the additional ½ percent and/ or a list of services that would need to be scaled back if administrative fees are not increased. Hagen also suggested that input on this topic be solicited from all CEAM members. Weiss expressed concern that this is not the time to spend more on administrative services when construction funds are eroding each year.

Metso asked Kjonaas to bring back additional information in this regard to the fall Screening Board meeting.

III. Thanks

Chair Metso thanked:

- Steve Koehler, Chair and the Needs Study Subcommittee.
- David Jessup, Past Chair and Chair of the Unencumbered Construction Funds Subcommittee
- Tom Drake and Lee Gustafson, Past Chairs of the Municipal Screening Board
- Screening Board members

- District State Aid Engineers and State-Aid staff
- Mark Gieseke and the Mission Study Steering Committee
- Marshall Johnston and Julie Skallman

V. Announcements:

Metso announced that the Fall Screening Board meeting will be Tuesday and Wednesday, October 19th and 20th at Arrowwood Resort near Alexandria.

VI. Adjournment:

A motion was made by Berryman to adjourn, second by Kuhn, and adopted without opposition.

Respectfully submitted,

Stephen D. Gaetz
MSA Screening Board Secretary
City Engineer – St. Cloud

THEORETICAL 2005 M.S.A.S. POPULATION APPORTIONMENT

The 2000 Federal Census or the State Demographer's and Metropolitan Council's 2003 population estimate, whichever is greater, will be used to allocate 50% of the funds for the 2005 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 $16.11 per capita in apportionment from the 2005 population apportionment distribution. This projection will be somewhat revised when the actual revenue for the 2005 apportionment becomes available.

Any adjustments made to the 2003 population estimates will be presented in the January 2005 booklet. These adjustments could include population adjustments due to annexations and detachments and any revisions to the 2003 estimates.

Based upon the 2003 population estimates, 3 new cities will be added to the distribution. Belle Plaine, in Scott county, with a population of 5,002 and Victoria, in Carver county, with a population of 5,198 will both be included in the Metro West district. Kasson, in Dodge county, with a population of 5,057 will be included in District 6. This brings the cities sharing in the MSAS allocation to 136.

2004 POPULATION SUMMARY

The 2004 and 2005 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	2003 Population Estimates	Population Used for 2004 Allocation	Population to be used for 2005 Allocation	Difference between Populations used in 2004 & 2005 Allocation
Albert Lea	**18,366**	**18,082**	18,366	**18,366**	0
Alexandria	**9,115**	**10,165**	9,876	**10,165**	289
Andover	**26,588**	**28,939**	28,664	**28,939**	275
Anoka	**18,076**	**18,275**	18,121	**18,275**	154
Apple Valley	**45,527**	**48,418**	47,761	**48,418**	657
Arden Hills	**9,652**	**9,457**	9,660	**9,652**	(8)
Austin	**23,314**	**23,685**	23,670	**23,685**	15
Baxter	**5,555**	**6,564**	6,126	**6,564**	438
Belle Plaine	**3,789**	**5,002**	0	**5,002**	5,002
Bemidji	**11,931**	**12,758**	12,686	**12,758**	72
Big Lake	**6,063**	**7,707**	7,273	**7,707**	434
Blaine	**44,942**	**49,962**	48,072	**49,962**	1,890
Bloomington	**85,172**	**85,301**	85,400	**85,301**	(99)
Brainerd	**13,382**	**13,780**	13,665	**13,780**	115
Brooklyn Center	**29,172**	**29,174**	29,183	**29,174**	(9)
Brooklyn Park	**67,388**	**68,715**	68,600	**68,715**	115
Buffalo	**10,104**	**12,120**	11,422	**12,120**	698
Burnsville	**60,220**	**61,355**	60,900	**61,355**	455
Cambridge	**5,520**	**6,306**	5,846	**6,306**	460
Champlin	**22,193**	**22,925**	22,620	**22,925**	305
Chanhassen	**20,321**	**21,600**	21,345	**21,600**	255
Chaska	**17,449**	**20,260**	18,961	**20,260**	1,299
Chisholm	**4,960**	**4,831**	5,000	**5,000**	0
Cloquet	**11,201**	**11,499**	11,378	**11,499**	121
Columbia Heights	**18,520**	**18,698**	18,698	**18,698**	0
Coon Rapids	**61,607**	**62,295**	62,177	**62,295**	118
Corcoran	**5,630**	**5,850**	5,797	**5,850**	53
Cottage Grove	**30,582**	**31,437**	30,984	**31,437**	453
Crookston	**8,192**	**8,104**	8,192	**8,192**	0
Crystal	**22,698**	**23,012**	22,840	**23,012**	172
Detroit Lakes	**7,425**	**7,719**	7,564	**7,719**	155
Duluth	**86,319**	**86,082**	86,319	**86,319**	0
Eagan	**63,557**	**64,975**	64,700	**64,975**	275

Municipality	2000 Census	2003 Population Estimates	Population Used for 2004 Allocation	Population to be used for 2005 Allocation	Difference between Populations used in 2004 & 2005 Allocation
East Bethel	**10,941**	**11,230**	11,198	**11,230**	32
East Grand Forks	**7,501**	**7,616**	7,569	**7,616**	47
Eden Prairie	**54,901**	**59,325**	57,000	**59,325**	2,325
Edina	**47,425**	**48,156**	47,570	**48,156**	586
Elk River	**16,447**	**18,758**	18,082	**18,758**	676
Fairmont	**10,889**	**10,778**	10,889	**10,889**	0
Falcon Heights	**5,572**	**5,579**	5,580	**5,579**	(1)
Faribault	**20,835**	**22,037**	21,477	**22,037**	560
Farmington	**12,382**	**15,549**	14,255	**15,549**	1,294
Fergus Falls	**13,620**	**13,782**	13,703	**13,782**	79
Forest Lake	**14,440**	**15,692**	15,093	**15,692**	599
Fridley	**27,449**	**27,480**	27,460	**27,480**	20
Glencoe	**5,453**	**5,633**	5,549	**5,633**	84
Golden Valley	**20,281**	**20,736**	20,636	**20,736**	100
Grand Rapids	**7,892**	**8,233**	8,260	**8,233**	(27)
Ham Lake	**12,710**	**14,034**	13,555	**14,034**	479
Hastings	**18,204**	**19,782**	19,202	**19,782**	580
Hermantown	**8,047**	**8,336**	8,178	**8,336**	158
Hibbing	**17,071**	**16,800**	17,071	**17,071**	0
Hopkins	**17,145**	**17,643**	17,559	**17,643**	84
Hugo	**6,363**	**8,375**	7,900	**8,375**	475
Hutchinson	**13,081**	**13,545**	13,407	**13,545**	138
International Falls	**6,707**	**6,537**	6,707	**6,707**	0
Inver Grove Heights	**29,751**	**31,053**	30,708	**31,053**	345
Kasson	**4,398**	**5,057**	0	**5,057**	5,057
LaCrescent	**4,923**	**5,072**	5,027	**5,072**	45
Lake City	**5,054**	**5,266**	5,153	**5,266**	113
Lake Elmo	**6,863**	**7,666**	7,387	**7,666**	279
Lakeville	**43,128**	**47,523**	46,285	**47,523**	1,238
Lino Lakes	**16,791**	**18,368**	17,942	**18,368**	426
Litchfield	**6,562**	**6,736**	6,643	**6,736**	93
Little Canada	**9,771**	**9,890**	9,825	**9,890**	65
Little Falls	**7,723**	**8,224**	8,211	**8,224**	13
Mahtomedi	**7,563**	**8,050**	8,030	**8,050**	20
Mankato	**32,427**	**33,844**	33,364	**33,844**	480
Maple Grove	**50,365**	**55,278**	54,003	**55,278**	1,275
Maplewood	**34,947**	**35,763**	35,911	**35,763**	(148)
Marshall	**12,717**	**12,788**	12,778	**12,788**	10

Municipality	2000 Census	2003 Population Estimates	Population Used for 2004 Allocation	Population to be used for 2005 Allocation	Difference between Populations used in 2004 & 2005 Allocation
Mendota Heights	**11,434**	**11,635**	11,600	**11,635**	35
Minneapolis	**382,618**	**382,295**	382,829	**382,618**	(211)
Minnetonka	**51,301**	**51,658**	51,440	**51,658**	218
Montevideo	**5,346**	**5,448**	5,484	**5,448**	(36)
Monticello	**7,868**	**9,776**	9,347	**9,776**	429
Moorhead	**32,179**	**32,720**	32,572	**32,720**	148
Morris	**5,173**	**5,212**	5,207	**5,212**	5
Mound	**9,435**	**9,630**	9,460	**9,630**	170
Mounds View	**12,738**	**12,865**	12,800	**12,865**	65
New Brighton	**22,206**	**22,332**	22,260	**22,332**	72
New Hope	**20,873**	**20,908**	20,910	**20,908**	(2)
New Prague	**4,559**	**5,391**	5,019	**5,391**	372
New Ulm	**13,594**	**13,798**	13,594	**13,798**	204
North Branch	**8,023**	**9,399**	8,978	**9,399**	421
North Mankato	**11,800**	**12,429**	12,208	**12,429**	221
North St. Paul	**11,929**	**12,273**	11,959	**12,273**	314
Northfield	**17,147**	**18,256**	17,846	**18,256**	410
Oak Grove	**6,903**	**7,290**	7,090	**7,290**	200
Oakdale	**26,653**	**27,605**	27,500	**27,605**	105
Orono	**7,538**	**7,687**	7,625	**7,687**	62
Otsego	**6,389**	**9,356**	8,210	**9,356**	1,146
Owatonna	**22,436**	**23,379**	23,082	**23,379**	297
Plymouth	**65,894**	**70,238**	67,824	**70,238**	2,414
Prior Lake	**15,917**	**19,662**	17,166	**19,662**	2,496
Ramsey	**18,510**	**19,208**	18,830	**19,208**	378
Red Wing	**16,116**	**16,191**	16,269	**16,191**	(78)
Redwood Falls	**5,459**	**5,370**	5,459	**5,459**	0
Richfield	**34,439**	**34,502**	34,446	**34,502**	56
Robbinsdale	**14,123**	**14,068**	14,123	**14,123**	0
Rochester	**86,806**	**93,037**	91,286	**93,037**	1,751
Rogers	**3,588**	**5,580**	5,010	**5,580**	570
Rosemount	**14,619**	**16,794**	16,110	**16,794**	684
Roseville	**33,690**	**34,080**	34,100	**34,080**	(20)
Saint Anthony	**8,102**	**8,012**	8,102	**8,102**	0
Saint Cloud	**59,111**	**62,850**	61,326	**62,850**	1,524
Saint Francis	**4,910**	**6,177**	5,680	**6,177**	497
Saint Joseph	**4,681**	**5,119**	5,024	**5,119**	95
Saint Louis Park	**44,126**	**44,896**	44,744	**44,896**	152

Municipality	2000 Census	2003 Population Estimates	Population Used for 2004 Allocation	Population to be used for 2005 Allocation	Difference between Populations used in 2004 & 2005 Allocation
Saint Michael	**9,099**	**12,343**	11,197	**12,343**	1,146
Saint Paul	**287,151**	**287,604**	287,689	**287,604**	(85)
Saint Paul Park	**5,070**	**5,052**	5,095	**5,070**	(25)
Saint Peter	**9,747**	**10,210**	9,979	**10,210**	231
Sartell	**9,666**	**11,583**	10,963	**11,583**	620
Sauk Rapids	**10,221**	**11,690**	11,423	**11,690**	267
Savage	**21,115**	**23,570**	23,220	**23,570**	350
Shakopee	**20,570**	**24,967**	23,903	**24,967**	1,064
Shoreview	**25,924**	**26,475**	26,478	**26,475**	(3)
Shorewood	**7,400**	**7,595**	7,590	**7,595**	5
South St. Paul	**20,167**	**20,304**	20,313	**20,304**	(9)
Spring Lake Park	**6,772**	**6,833**	6,825	**6,833**	8
Stewartville	**5,431**	**5,650**	5,556	**5,650**	94
Stillwater	**15,143**	**16,673**	16,289	**16,673**	384
Thief River Falls	**8,410**	**8,488**	8,447	**8,488**	41
Vadnais Heights	**13,069**	**13,270**	13,250	**13,270**	20
Victoria	**4,025**	**5,198**	0	**5,198**	5,198
Virginia	**9,157**	**8,981**	9,157	**9,157**	0
Waconia	**6,821**	**8,018**	7,600	**8,018**	418
Waite Park	**6,568**	**6,696**	6,690	**6,696**	6
Waseca	**9,617**	**9,684**	9,723	**9,684**	(39)
West St. Paul	**19,405**	**19,655**	19,650	**19,655**	5
White Bear Lake	**24,325**	**24,909**	24,651	**24,909**	258
Willmar	**18,488**	**18,597**	18,512	**18,597**	85
Winona	**27,069**	**27,018**	27,069	**27,069**	0
Woodbury	**46,463**	**49,329**	49,170	**49,329**	159
Worthington	**11,287**	**11,300**	11,287	**11,300**	13
TOTAL	**3,309,282**	**3,440,084**	**3,385,278**	**3,442,411**	**57,133**

2005 TENTATIVE POPULATION APPORTIONMENT

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Municipality	Population Used for 2004 Allocation	Population to be used for 2005 Allocation	2004 Apport. Using 2000 Census or 02 Estimate	Tentative 2005 Apport. Using 2000 Census or 03 Estimate	Difference Between 2004 & 05 Apport.	% Increase (Decrease)
Albert Lea	18,366	18,366	$300,805	**$295,812**	($4,993)	-1.66%
Alexandria	9,876	10,165	161,753	**163,723**	1,970	1.22%
Andover	28,664	28,939	469,469	**466,107**	(3,362)	-0.72%
Anoka	18,121	18,275	296,792	**294,347**	(2,445)	-0.82%
Apple Valley	47,761	48,418	782,247	**779,846**	(2,401)	-0.31%
Arden Hills	9,660	9,652	158,215	**155,460**	(2,755)	-1.74%
Austin	23,670	23,685	387,676	**381,483**	(6,193)	-1.60%
Baxter	6,126	6,564	100,334	**105,723**	5,389	5.37%
Belle Plaine	0	5,002	0	**80,565**	80,565	100.00%
Bemidji	12,686	12,758	207,776	**205,487**	(2,289)	-1.10%
Big Lake	7,273	7,707	119,120	**124,133**	5,013	4.21%
Blaine	48,072	49,962	787,340	**804,714**	17,374	2.21%
Bloomington	85,400	85,301	1,398,712	**1,373,903**	(24,809)	-1.77%
Brainerd	13,665	13,780	223,810	**221,948**	(1,862)	-0.83%
Brooklyn Center	29,183	29,174	477,970	**469,892**	(8,078)	-1.69%
Brooklyn Park	68,600	68,715	1,123,555	**1,106,760**	(16,795)	-1.49%
Buffalo	11,422	12,120	187,074	**195,211**	8,137	4.35%
Burnsville	60,900	61,355	997,442	**988,216**	(9,226)	-0.92%
Cambridge	5,846	6,306	95,748	**101,568**	5,820	6.08%
Champlin	22,620	22,925	370,478	**369,242**	(1,236)	-0.33%
Chanhassen	21,345	21,600	349,596	**347,901**	(1,695)	-0.48%
Chaska	18,961	20,260	310,550	**326,318**	15,768	5.08%
Chisholm	5,000	5,000	81,892	**80,533**	(1,359)	-1.66%
Cloquet	11,378	11,499	186,353	**185,209**	(1,144)	-0.61%
Columbia Heights	18,698	18,698	306,243	**301,160**	(5,083)	-1.66%
Coon Rapids	62,177	62,295	1,018,357	**1,003,356**	(15,001)	-1.47%
Corcoran	5,797	5,850	94,945	**94,223**	(722)	-0.76%
Cottage Grove	30,984	31,437	507,467	**506,341**	(1,126)	-0.22%
Crookston	8,192	8,192	134,171	**131,945**	(2,226)	-1.66%
Crystal	22,840	23,012	374,082	**370,643**	(3,439)	-0.92%
Detroit Lakes	7,564	7,719	123,886	**124,326**	440	0.36%
Duluth	86,319	86,319	1,413,763	**1,390,299**	(23,464)	-1.66%
Eagan	64,700	64,975	1,059,680	**1,046,522**	(13,158)	-1.24%
East Bethel	11,198	11,230	183,405	**180,876**	(2,529)	-1.38%
East Grand Forks	7,569	7,616	123,968	**122,667**	(1,301)	-1.05%
Eden Prairie	57,000	59,325	933,566	**955,520**	21,954	2.35%

Municipality	Population Used for 2004 Allocation	Population to be used for 2005 Allocation	2004 Apport. Using 2000 Census or 02 Estimate	Tentative 2005 Apport. Using 2000 Census or 03 Estimate	Difference Between 2004 & 05 Apport.	% Increase (Decrease)
Edina	47,570	48,156	$779,118	**$775,626**	($3,492)	-0.45%
Elk River	18,082	18,758	296,153	**302,126**	5,973	2.02%
Fairmont	10,889	10,889	178,344	**175,384**	(2,960)	-1.66%
Falcon Heights	5,580	5,579	91,391	**89,858**	(1,533)	-1.68%
Faribault	21,477	22,037	351,758	**354,940**	3,182	0.90%
Farmington	14,255	15,549	233,473	**250,440**	16,967	7.27%
Fergus Falls	13,703	13,782	224,433	**221,980**	(2,453)	-1.09%
Forest Lake	15,093	15,692	247,199	**252,744**	5,545	2.24%
Fridley	27,460	27,480	449,750	**442,607**	(7,143)	-1.59%
Glencoe	5,549	5,633	90,884	**90,728**	(156)	-0.17%
Golden Valley	20,636	20,736	337,984	**333,985**	(3,999)	-1.18%
Grand Rapids	8,260	8,233	135,285	**132,605**	(2,680)	-1.98%
Ham Lake	13,555	14,034	222,009	**226,039**	4,030	1.82%
Hastings	19,202	19,782	314,497	**318,619**	4,122	1.31%
Hermantown	8,178	8,336	133,942	**134,264**	322	0.24%
Hibbing	17,071	17,071	279,595	**274,955**	(4,640)	-1.66%
Hopkins	17,559	17,643	287,588	**284,167**	(3,421)	-1.19%
Hugo	7,900	8,375	129,389	**134,892**	5,503	4.25%
Hutchinson	13,407	13,545	219,585	**218,163**	(1,422)	-0.65%
International Falls	6,707	6,707	109,850	**108,026**	(1,824)	-1.66%
Inver Grove Heights	30,708	31,053	502,947	**500,156**	(2,791)	-0.55%
Kasson	0	5,057	0	**81,451**	81,451	100.00%
La Crescent	5,027	5,072	82,334	**81,692**	(642)	-0.78%
Lake City	5,153	5,266	84,398	**84,817**	419	0.50%
Lake Elmo	7,387	7,666	120,987	**123,473**	2,486	2.05%
Lakeville	46,285	47,523	758,072	**765,431**	7,359	0.97%
Lino Lakes	17,942	18,368	293,860	**295,845**	1,985	0.68%
Litchfield	6,643	6,736	108,801	**108,494**	(307)	-0.28%
Little Canada	9,825	9,890	160,917	**159,294**	(1,623)	-1.01%
Little Falls	8,211	8,224	134,483	**132,460**	(2,023)	-1.50%
Mahtomedi	8,030	8,050	131,518	**129,658**	(1,860)	-1.41%
Mankato	33,364	33,844	546,447	**545,109**	(1,338)	-0.24%
Maple Grove	54,003	55,278	884,480	**890,337**	5,857	0.66%
Maplewood	35,911	35,763	588,163	**576,018**	(12,145)	-2.06%
Marshall	12,778	12,788	209,283	**205,970**	(3,313)	-1.58%
Mendota Heights	11,600	11,635	189,989	**187,399**	(2,590)	-1.36%
Minneapolis	382,829	382,618	6,270,110	**6,162,648**	(107,462)	-1.71%
Minnetonka	51,440	51,658	842,503	**832,031**	(10,472)	-1.24%
Montevideo	5,484	5,448	89,819	**87,748**	(2,071)	-2.31%
Monticello	9,347	9,776	153,088	**157,457**	4,369	2.85%
Moorhead	32,572	32,720	533,476	**527,006**	(6,470)	-1.21%
Morris	5,207	5,212	85,282	**83,947**	(1,335)	-1.57%
Mound	9,460	9,630	154,939	**155,106**	167	0.11%
Mounds View	12,800	12,865	209,643	**207,210**	(2,433)	-1.16%
New Brighton	22,260	22,332	364,582	**359,691**	(4,891)	-1.34%

Municipality	Population Used for 2004 Allocation	Population to be used for 2005 Allocation	2004 Apport. Using 2000 Census or 02 Estimate	Tentative 2005 Apport. Using 2000 Census or 03 Estimate	Difference Between 2004 & 05 Apport.	% Increase (Decrease)
New Hope	20,910	20,908	$342,471	**$336,755**	($5,716)	-1.67%
New Prague	5,019	5,391	82,203	**86,830**	4,627	5.63%
New Ulm	13,594	13,798	222,647	**222,238**	(409)	-0.18%
North Branch	8,978	9,399	147,045	**151,385**	4,340	2.95%
North Mankato	12,208	12,429	199,947	**200,188**	241	0.12%
North St. Paul	11,959	12,273	195,869	**197,675**	1,806	0.92%
Northfield	17,846	18,256	292,288	**294,041**	1,753	0.60%
Oak Grove	7,090	7,290	116,123	**117,417**	1,294	1.11%
Oakdale	27,500	27,605	450,405	**444,621**	(5,784)	-1.28%
Orono	7,625	7,687	124,885	**123,811**	(1,074)	-0.86%
Otsego	8,210	9,356	134,466	**150,693**	16,227	12.07%
Owatonna	23,082	23,379	378,045	**376,555**	(1,490)	-0.39%
Plymouth	67,824	70,238	1,110,846	**1,131,290**	20,444	1.84%
Prior Lake	17,166	19,662	281,151	**316,687**	35,536	12.64%
Ramsey	18,830	19,208	308,404	**309,374**	970	0.31%
Red Wing	16,269	16,191	266,459	**260,781**	(5,678)	-2.13%
Redwood Falls	5,459	5,459	89,409	**87,926**	(1,483)	-1.66%
Richfield	34,446	34,502	564,169	**555,707**	(8,462)	-1.50%
Robbinsdale	14,123	14,123	231,312	**227,472**	(3,840)	-1.66%
Rochester	91,286	93,037	1,495,115	**1,498,503**	3,388	0.23%
Rogers	5,010	5,580	82,056	**89,874**	7,818	9.53%
Rosemount	16,110	16,794	263,855	**270,493**	6,638	2.52%
Roseville	34,100	34,080	558,502	**548,910**	(9,592)	-1.72%
St. Anthony	8,102	8,102	132,697	**130,495**	(2,202)	-1.66%
St. Cloud	61,326	62,850	1,004,419	**1,012,295**	7,876	0.78%
St. Francis	5,680	6,177	93,029	**99,490**	6,461	6.95%
St. Joseph	5,024	5,119	82,285	**82,449**	164	0.20%
St. Louis Park	44,744	44,896	732,833	**723,119**	(9,714)	-1.33%
St. Michael	11,197	12,343	183,388	**198,803**	15,415	8.41%
St. Paul	287,689	287,604	4,711,873	**4,632,302**	(79,571)	-1.69%
St. Paul Park	5,095	5,070	83,448	**81,660**	(1,788)	-2.14%
St. Peter	9,979	10,210	163,440	**164,448**	1,008	0.62%
Sartell	10,963	11,583	179,556	**186,562**	7,006	3.90%
Sauk Rapids	11,423	11,690	187,090	**188,285**	1,195	0.64%
Savage	23,220	23,570	380,305	**379,631**	(674)	-0.18%
Shakopee	23,903	24,967	391,492	**402,132**	10,640	2.72%
Shoreview	26,478	26,475	433,666	**426,420**	(7,246)	-1.67%
Shorewood	7,590	7,595	124,312	**122,329**	(1,983)	-1.60%
South St. Paul	20,313	20,304	332,694	**327,027**	(5,667)	-1.70%
Spring Lake Park	6,825	6,833	111,782	**110,056**	(1,726)	-1.54%
Stewartville	5,556	5,650	90,998	**91,002**	4	0.00%
Stillwater	16,289	16,673	266,787	**268,544**	1,757	0.66%
Thief River Falls	8,447	8,488	138,348	**136,712**	(1,636)	-1.18%
Vadnais Heights	13,250	13,270	217,013	**213,734**	(3,279)	-1.51%
Victoria	0	5,198	0	**83,722**	83,722	100.00%
Virginia	9,157	9,157	149,977	**147,487**	(2,490)	-1.66%
Waconia	7,600	8,018	124,476	**129,142**	4,666	3.75%

Municipality	Population Used for 2004 Allocation	Population to be used for 2005 Allocation	2004 Apport. Using 2000 Census or 02 Estimate	Tentative 2005 Apport. Using 2000 Census or 03 Estimate	Difference Between 2004 & 05 Apport.	% Increase (Decrease)
Waite Park	6,690	6,696	$109,571	**$107,849**	($1,722)	-1.57%
Waseca	9,723	9,684	159,247	**155,976**	(3,271)	-2.05%
West St. Paul	19,650	19,655	321,835	**316,574**	(5,261)	-1.63%
White Bear Lake	24,651	24,909	403,743	**401,198**	(2,545)	-0.63%
Willmar	18,512	18,597	303,196	**299,533**	(3,663)	-1.21%
Winona	27,069	27,069	443,345	**435,988**	(7,357)	-1.66%
Woodbury	49,170	49,329	805,323	**794,520**	(10,803)	-1.34%
Worthington	11,287	11,300	184,862	**182,005**	(2,857)	-1.55%
TOTAL	**3,385,278**	**3,442,411**	**$55,445,290**	**$55,445,290**	**$0**	

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

2004	$55,445,290 / 3,385,278	Equals	$16.3784	Per person
2005	$55,445,290 / 3,442,411	Equals	$16.1065	Per person

The population difference between 2004 and 2005 for allocation purposes is 57,133.

Effects of the 2004 Needs Study Update

The following tabulation reflects the total difference between the 2003 and the 2004 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. **2004 Traffic Count Update -- is the result of the 2003 traffic counts updated in 2004. Traffic Data Management Services completed 73 municipalities whose traffic was counted in 2003.**

3. **2004 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 2004 Spring Meeting.**

4. **2004 Structure and Railroad 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 2004 Spring Meeting.**

5. **2004 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 2004.**

The resulting 2004 25-year Construction Needs as adjusted in the "2004 Adjusted Construction Needs" spreadsheet in this booklet will be used in computing the 2005 Construction (money) needs apportionment.

EFFECTS OF THE 2004 M.S.A.S NEEDS STUDY UPDATE

EFFECTS OF THE REVISIONS TO THE 2003 UPDATE

(Does Not Include The New Cities of **Belle Plaine**, **Kasson,** and **Victoria**)

Municipality	2003 Unadjusted Construction Needs	Effect of Normal Update	Percent change	Effect of Roadway Unit Cost Update	Percent change	Effect of Traffic Update	Percent Change	Effect of Structure and Railroad Update	Percent Change	2004 Unadjusted Construction Needs	Net Change	Percent of change 2003 to 2004
Albert Lea	$17,821,056	(391,835)	-2.20%	497,641	2.79%			$339,324	1.90%	$18,266,186	$445,130	2.50%
Alexandria	11,898,679	4,707,565	39.56%	584,064	4.91%					17,190,308	5,291,629	44.47%
Andover	23,630,968	849,504	3.59%	777,510	3.29%	400,906	1.70%	$57,480	0.24%	25,716,368	2,085,400	8.82%
Anoka	11,241,361	16,572	0.15%	373,849	3.33%					11,631,782	390,421	3.47%
Apple Valley	32,422,325	(3,144,743)	-9.70%	1,057,671	3.26%	220,934	0.68%			30,556,187	(1,866,138)	-5.76%
Arden Hills	5,773,964	1,169,428	20.25%	224,532	3.89%			$33,000	0.57%	7,200,924	1,426,960	24.71%
Austin	31,235,730	(237,890)	-0.76%	694,144	2.22%			$521,327	1.67%	32,213,311	977,581	3.13%
Baxter	8,104,431	308,086	3.80%	287,166	3.54%					8,699,683	595,252	7.34%
Belle Plaine												
Bemidji	9,819,401	329,363	3.35%	310,374	3.16%	41,488	0.42%	$113,050	1.15%	10,613,676	794,275	8.09%
Big Lake	5,426,049	(212,986)	-3.93%	185,539	3.42%	(253)	0.00%			5,398,349	(27,700)	-0.51%
Blaine	25,235,879	1,105,732	4.38%	881,473	3.49%	81,702	0.32%			27,304,786	2,068,907	8.20%
Bloomington	84,151,961	(337,082)	-0.40%	2,715,884	3.23%	(92,999)	-0.11%	$278,938	0.33%	86,716,702	2,564,741	3.05%
Brainerd	9,876,860	96,765	0.98%	364,337	3.69%	145,907	1.48%			10,483,869	607,009	6.15%
Brooklyn Center	14,737,827	(498,311)	-3.38%	482,341	3.27%	(30,604)	-0.21%			14,691,253	(46,574)	-0.32%
Brooklyn Park	25,576,879	(740,023)	-2.89%	854,989	3.34%	(247,742)	-0.97%			25,444,103	(132,776)	-0.52%
Buffalo	14,666,031	474,615	3.24%	470,194	3.21%			$132,000	0.90%	15,742,840	1,076,809	7.34%
Burnsville	35,799,788	6,892,285	19.25%	1,519,163	4.24%	66,016	0.18%	$33,000	0.09%	44,310,252	8,510,464	23.77%
Cambridge	7,100,737	(625,121)	-8.80%	199,352	2.81%	194,165	2.73%	$47,981	0.68%	6,917,114	(183,623)	-2.59%
Champlin	8,725,950	146,860	1.68%	305,491	3.50%	11,925	0.14%			9,190,226	464,276	5.32%
Chanhassen	14,247,338	(2,479,331)	-17.40%	379,583	2.66%	(161,267)	-1.13%	$65,452	0.46%	12,051,775	(2,195,563)	-15.41%
Chaska	11,109,770	(391,803)	-3.53%	367,879	3.31%	176,355	1.59%			11,262,201	152,431	1.37%
Chisholm	6,521,416	36	0.00%	220,543	3.38%	348,185	5.34%	$49,892	0.77%	7,140,072	618,656	9.49%
Cloquet	17,144,085	No Updates	0.00%	546,264	3.19%	(3,720)	-0.02%	$69,000	0.40%	17,755,629	611,544	3.57%
Columbia Heights	12,652,397	436,617	3.45%	464,363	3.67%			$90,000	0.71%	13,643,377	990,980	7.83%
Coon Rapids	30,537,501	416,470	1.36%	934,814	3.06%	185,557	0.61%	$135,792	0.44%	32,210,134	1,672,633	5.48%
Corcoran	7,062,776	21,670	0.31%	203,981	2.89%	(480)	-0.01%			7,287,947	225,171	3.19%
Cottage Grove	29,179,151	181,015	0.62%	1,004,684	3.44%	94,488	0.32%	$41,040	0.14%	30,500,378	1,321,227	4.53%
Crookston	19,134,256	(450,034)	-2.35%	353,099	1.85%			$328,646	1.72%	19,365,967	231,711	1.21%
Crystal	14,098,496	(246,827)	-1.75%	478,565	3.39%			$34,500	0.24%	14,364,734	266,238	1.89%
Detroit Lakes	9,611,718	352,130	3.66%	342,652	3.56%					10,306,500	694,782	7.23%
Duluth	112,100,169	3,647,827	3.25%	3,514,409	3.14%	139,436	0.12%	$722,645	0.64%	120,124,486	8,024,317	7.16%
Eagan	23,754,270	(225,945)	-0.95%	844,920	3.56%	(230,035)	-0.97%	$33,000	0.14%	24,176,210	421,940	1.78%
East Bethel	21,490,027	(2,406,827)	-11.20%	594,693	2.77%	52,244	0.24%			19,730,137	(1,759,890)	-8.19%
East Grand Forks	13,138,684	624,472	4.75%	419,917	3.20%			$135,000	1.03%	14,318,073	1,179,389	8.98%
Eden Prairie	42,727,789	1,168,074	2.73%	1,482,529	3.47%	(372,471)	-0.87%	$82,680	0.19%	45,088,601	2,360,812	5.53%
Edina	31,742,297	1,144,445	3.61%	1,135,592	3.58%			$22,487	0.07%	34,044,821	2,302,524	7.25%
Elk River	22,450,018	799,952	3.56%	750,840	3.34%	(302,810)	-1.35%	$66,000	0.29%	23,764,000	1,313,982	5.85%
Fairmont	24,243,194	(241,400)	-1.00%	763,295	3.15%			$81,600	0.34%	24,846,689	603,495	2.49%
Falcon Heights	1,973,029	558,948	28.33%	84,726	4.29%					2,616,703	643,674	32.62%
Faribault	24,789,897	(830,974)	-3.35%	727,006	2.93%			$365,319	1.47%	25,051,248	261,351	1.05%
Farmington	15,634,497	(94,302)	-0.60%	518,707	3.32%	52,348	0.33%	$45,365	0.29%	16,156,615	522,118	3.34%
Fergus Falls	20,702,430	668,783	3.23%	614,376	2.97%	(5,946)	-0.03%	$415,915	2.01%	22,395,558	1,693,128	8.18%
Forest Lake	21,211,689	(101,615)	-0.48%	757,377	3.57%					21,867,451	655,762	3.09%
Fridley	12,529,120	7,319,935	58.42%	680,709	5.43%			$36,000	0.29%	20,565,764	8,036,644	64.14%
Glencoe	6,472,998	59,755	0.92%	235,116	3.63%	64,812	1.00%			6,832,681	359,683	5.56%
Golden Valley	18,514,383	(333,571)	-1.80%	578,886	3.13%			$214,200	1.16%	18,973,898	459,515	2.48%
Grand Rapids	11,280,031	2,076,577	18.41%	451,344	4.00%			$66,000	0.59%	13,873,952	2,593,921	23.00%
Ham Lake	21,069,402	528,313	2.51%	667,878	3.17%	1,907	0.01%			22,267,500	1,198,098	5.69%
Hastings	11,676,497	(285,915)	-2.45%	414,095	3.55%	254,212	2.18%			12,058,889	382,392	3.27%
Hermantown	11,714,362	(184,756)	-1.58%	390,014	3.33%	138,008	1.18%			12,057,628	343,266	2.93%
Hibbing	39,623,878	(436,595)	-1.10%	1,236,494	3.12%	604,890	1.53%	$305,568	0.77%	41,334,235	1,710,357	4.32%
Hopkins	9,665,381	(382,949)	-3.96%	314,627	3.26%					9,597,059	(68,322)	-0.71%
Hugo	10,202,685	311,307	3.05%	271,574	2.66%	(24,440)	-0.24%			10,761,126	558,441	5.47%
Hutchinson	14,517,163	(938,429)	-6.46%	440,807	3.04%	26,787	0.18%	$36,720	0.25%	14,083,048	(434,115)	-2.99%

Municipality	2003 Unadjusted Construction Needs	Effect of Normal Update	Percent change	Effect of Roadway Unit Cost Update	Percent change	Effect of Traffic Update	Percent Change	Effect of Structure and Railroad Update	Percent Change	2004 Unadjusted Construction Needs	Net Change	Percent of change 2003 to 2004
International Falls	$6,845,845	No Updates	0.00%	252,883	3.69%					$7,098,728	$252,883	3.69%
Inver Grove Heights	21,998,216	No Updates	0.00%	791,692	3.60%	(97,884)	-0.44%			22,692,024	693,808	3.15%
Kasson												
La Crescent	5,830,085	1,026,900	17.61%	253,187	4.34%					7,110,172	1,280,087	21.96%
Lake City	5,783,140	83,496	1.44%	184,154	3.18%			$33,000	0.57%	6,083,790	300,650	5.20%
Lake Elmo	4,731,289	653,143	13.80%	188,981	3.99%					5,573,413	842,124	17.80%
Lakeville	44,204,628	1,226,203	2.77%	1,582,765	3.58%	45,429	0.10%	$144,000	0.33%	47,203,025	2,998,397	6.78%
Lino Lakes	18,683,522	(1,873,730)	-10.03%	600,321	3.21%	288,568	1.54%			17,698,681	(984,841)	-5.27%
Litchfield	8,551,051	233,530	2.73%	304,474	3.56%	(152)	0.00%			9,088,903	537,852	6.29%
Little Canada	11,682,843	(497,053)	-4.25%	335,824	2.87%	(144)	0.00%	$38,880	0.33%	11,560,350	(122,493)	-1.05%
Little Falls	15,741,113	165,081	1.05%	543,998	3.46%			$33,000	0.21%	16,483,192	742,079	4.71%
Mahtomedi	5,170,388	162,128	3.14%	172,545	3.34%					5,505,061	334,673	6.47%
Mankato	28,374,738	975,820	3.44%	983,584	3.47%			$16,614	0.06%	30,350,756	1,976,018	6.96%
Maple Grove	47,875,524	4,818,787	10.07%	1,868,549	3.90%	(305,805)	-0.64%	$99,000	0.21%	54,356,055	6,480,531	13.54%
Maplewood	32,536,605	(479,528)	-1.47%	1,122,098	3.45%	(21,204)	-0.07%			33,157,971	621,366	1.91%
Marshall	15,454,309	1,037,573	6.71%	593,779	3.84%			$21,504	0.14%	17,107,165	1,652,856	10.70%
Mendota Heights	8,675,654	(365,052)	-4.21%	299,843	3.46%	74,171	0.85%	$33,000	0.38%	8,717,616	41,962	0.48%
Minneapolis	298,060,853	609,738	0.20%	7,369,443	2.47%	(330,794)	-0.11%	$2,271,653	0.76%	307,980,893	9,920,040	3.33%
Minnetonka	39,840,335	(453,099)	-1.14%	1,404,535	3.53%	(26,763)	-0.07%	$66,000	0.17%	40,831,008	990,673	2.49%
Montevideo	5,275,470	503,321	9.54%	208,071	3.94%					5,986,862	711,392	13.48%
Monticello	7,372,120	(1,025,268)	-13.91%	221,905	3.01%					6,568,757	(803,363)	-10.90%
Moorhead	32,620,371	3,139	0.01%	974,207	2.99%			$324,190	0.99%	33,921,907	1,301,536	3.99%
Morris	5,648,453	(1,444,102)	-25.57%	156,195	2.77%					4,360,546	(1,287,907)	-22.80%
Mound	8,689,606	(10,468)	-0.12%	293,776	3.38%			$36,000	0.41%	9,008,914	319,308	3.67%
Mounds View	9,139,781	No Updates	0.00%	307,149	3.36%	21,684	0.24%			9,468,614	328,833	3.60%
New Brighton	9,782,099	(117,932)	-1.21%	320,838	3.28%			$210,000	2.15%	10,195,005	412,906	4.22%
New Hope	13,470,258	83,870	0.62%	411,306	3.05%	(27,156)	-0.20%	$94,860	0.70%	14,033,138	562,880	4.18%
New Prague	1,670,654	2,268,213	135.77%	135,179	8.09%					4,074,046	2,403,392	143.86%
New Ulm	17,794,037	827,151	4.65%	527,841	2.97%			$280,080	1.57%	19,429,109	1,635,072	9.19%
North Branch	13,920,381	(83,049)	-0.60%	458,807	3.30%			$44,124	0.32%	14,340,263	419,882	3.02%
North Mankato	11,995,104	(250,161)	-2.09%	429,567	3.58%	76,172	0.64%			12,250,682	255,578	2.13%
North Saint Paul	8,369,222	2,894,952	34.59%	388,155	4.64%					11,652,329	3,283,107	39.23%
Northfield	10,884,494	(885,830)	-8.14%	254,519	2.34%			$223,473	2.05%	10,476,656	(407,838)	-3.75%
Oak Grove	14,069,394	5,158,752	36.67%	659,865	4.69%					19,888,011	5,818,617	41.36%
Oakdale	8,159,172	321,230	3.94%	279,725	3.43%	148,316	1.82%			8,908,443	749,271	9.18%
Orono	13,626,614	(1,673,643)	-12.28%	383,889	2.82%			$37,013	0.27%	12,373,873	(1,252,741)	-9.19%
Otsego	13,647,153	(1,195,239)	-8.76%	446,148	3.27%					12,898,062	(749,091)	-5.49%
Owatonna	18,019,307	(150,375)	-0.83%	496,355	2.75%	73,008	0.41%	$151,800	0.84%	18,590,095	570,788	3.17%
Plymouth	46,936,174	1,117,529	2.38%	1,713,969	3.65%	(365,812)	-0.78%	$121,356	0.26%	49,523,216	2,587,042	5.51%
Prior Lake	14,550,365	34,030	0.23%	521,773	3.59%	126,265	0.87%			15,232,433	682,068	4.69%
Ramsey	18,182,766	6,040,726	33.22%	804,122	4.42%	(156,078)	-0.86%			24,871,536	6,688,770	36.79%
Red Wing	21,842,434	432,184	1.98%	718,571	3.29%	103,891	0.48%	$66,000	0.30%	23,163,080	1,320,646	6.05%
Redwood Falls	8,130,716	(302,350)	-3.72%	279,617	3.44%	(440)	-0.01%			8,107,543	(23,173)	-0.29%
Richfield	23,192,225	No Updates	0.00%	678,228	2.92%			$180,000	0.78%	24,050,453	858,228	3.70%
Robbinsdale	9,480,462	964,752	10.18%	342,736	3.62%			$51,000	0.54%	10,838,950	1,358,488	14.33%
Rochester	57,364,965	902,688	1.57%	1,852,843	3.23%			$519,571	0.91%	60,640,067	3,275,102	5.71%
Rogers	4,340,098	No Updates	0.00%	156,432	3.60%					4,496,530	156,432	3.60%
Rosemount	19,741,596	(1,288,448)	-6.53%	640,977	3.25%	(11,828)	-0.06%	$102,000	0.52%	19,184,297	(557,299)	-2.82%
Roseville	21,284,654	56,682	0.27%	717,555	3.37%			$180,000	0.85%	22,238,891	954,237	4.48%
St Anthony	5,899,464	(59,560)	-1.01%	179,418	3.04%	31,620	0.54%			6,050,942	151,478	2.57%
St Cloud	49,796,801	(349,770)	-0.70%	1,622,887	3.26%	116,612	0.23%	$217,212	0.44%	51,403,742	1,606,941	3.23%
St Francis	10,496,126	1,049,825	10.00%	379,507	3.62%	9,672	0.09%			11,935,130	1,439,004	13.71%
St Joseph	2,237,573	1,122,185	50.15%	122,298	5.47%	23,808	1.06%			3,505,864	1,268,291	56.68%

Municipality	2003 Unadjusted Construction Needs	Effect of Normal Update	Percent change	Effect of Roadway Unit Cost Update	Percent change	Effect of Traffic Update	Percent Change	Effect of Structure and Railroad Update	Percent Change	2004 Unadjusted Construction Needs	Net Change	Percent of change 2003 to 2004
St Louis Park	30,328,566	(197,363)	-0.65%	968,577	3.19%			$94,992	0.31%	31,194,772	866,206	2.86%
St Michael	15,949,977	(478,810)	-3.00%	520,566	3.26%					15,991,733	41,756	0.26%
St Paul	228,519,561	(7,405,685)	-3.24%	5,608,405	2.45%			$2,300,151	1.01%	229,022,432	502,871	0.22%
St Paul Park	5,698,097	(776,048)	-13.62%	171,597	3.01%	14,036	0.25%			5,107,682	(590,415)	-10.36%
St Peter	14,628,799	(735,657)	-5.03%	484,482	3.31%	7,960	0.05%			14,385,584	(243,215)	-1.66%
Sartell	12,215,325	(560,331)	-4.59%	399,848	3.27%	28,272	0.23%			12,083,114	(132,211)	-1.08%
Sauk Rapids	14,546,061	(77,125)	-0.53%	357,179	2.46%	10,416	0.07%	$273,240	1.88%	15,109,771	563,710	3.88%
Savage	16,658,943	(991,863)	-5.95%	512,097	3.07%	(48,926)	-0.29%	$60,504	0.36%	16,190,755	(468,188)	-2.81%
Shakopee	$15,971,915	5,501,109	34.44%	708,946	4.44%	13,703	0.09%	$243,000	1.52%	$22,438,673	$6,466,758	40.49%
Shoreview	8,892,813	135,808	1.53%	315,222	3.54%	50,745	0.57%			9,394,588	501,775	5.64%
Shorewood	7,986,362	(2,388,509)	-29.91%	190,154	2.38%					5,788,007	(2,198,355)	-27.53%
South St Paul	12,666,954	(77,402)	-0.61%	470,287	3.71%					13,059,839	392,885	3.10%
Spring Lake Park	2,723,593	(251,065)	-9.22%	86,082	3.16%					2,558,610	(164,983)	-6.06%
Stewartville	4,206,388	(206,600)	-4.91%	145,525	3.46%					4,145,313	(61,075)	-1.45%
Stillwater	11,547,022	(310,190)	-2.69%	400,082	3.46%					11,636,914	89,892	0.78%
Thief River Falls	17,922,972	(493,014)	-2.75%	531,804	2.97%	90,063	0.50%	$295,066	1.65%	18,346,891	423,919	2.37%
Vadnais Heights	5,712,872	No Updates	0.00%	203,414	3.56%	73,284	1.28%			5,989,570	276,698	4.84%
Victoria												
Virginia	14,107,706	959,406	6.80%	444,435	3.15%	(74,472)	-0.53%	$36,000	0.26%	15,473,075	1,365,369	9.68%
Waconia	4,409,323	234,708	5.32%	170,781	3.87%	4,428	0.10%			4,819,240	409,917	9.30%
Waite Park	4,592,365	(1,282,530)	-27.93%	97,464	2.12%	56,246	1.22%	$66,000	1.44%	3,529,545	(1,062,820)	-23.14%
Waseca	6,260,592	(62,801)	-1.00%	182,686	2.92%	(8,548)	-0.14%	$72,000	1.15%	6,443,929	183,337	2.93%
West St Paul	9,128,622	(299,263)	-3.28%	300,799	3.30%					9,130,158	1,536	0.02%
White Bear Lake	13,525,212	30,748	0.23%	471,564	3.49%			$69,000	0.51%	14,096,524	571,312	4.22%
Willmar	19,831,917	(395,472)	-1.99%	656,594	3.31%			$33,000	0.17%	20,126,039	294,122	1.48%
Winona	17,713,391	2,028,004	11.45%	624,865	3.53%	(308,749)	-1.74%			20,057,511	2,344,120	13.23%
Woodbury	41,427,628	3,929,462	9.49%	1,621,869	3.91%	499,129	1.20%			47,478,088	6,050,460	14.60%
Worthington	11,276,644	(156,091)	-1.38%	293,402	2.60%			$101,976	0.90%	11,515,931	239,287	2.12%
STATE TOTAL	$2,823,888,537	$38,136,234	1.35%	$89,847,883	3.18%	$2,032,248	0.07%	$14,239,180	0.50%	$2,968,144,082	$144,255,545	5.11%

MILEAGE, NEEDS AND APPORTIONMENT

The amount to be allocated in 2005 is unknown at this time so an estimated amount of $110,890,581 is used in this report. This is the amount that was allocated for the 2004 apportionment. The actual amount will be announced in January 2005 when the Commissioner of Transportation makes a determination of the 2005 apportionment.

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

The continuous 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 2005

Appt. Year	Number of of Municipalities	Needs Mileage	Actual 25 Year Construction Needs	Total Apportionment	Adjusted 25 Year Construction Needs	Total Apportionment Per Needs Mileage	Apportionment Per $1000 of Adjusted Needs
1958	58	920.40	$190,373,337	$7,286,074	$190,373,337	$7,916.20	$19.1363
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	133	3116.44	2,823,888,537	110,890,581	2,898,358,498	35,582.45	19.0811
2005*	136	3189.71	2,976,211,182	110,890,581	3,036,013,015	34,765.10	18.2159

* 2005 uses estimated mileages for the new cities of Belle Plaine, Kasson, and Victoria

MSAS NEEDS MILEAGE COMPARISON

Uses estimated mileage for the new cities of Belle Plaine, Kasson and Victoria.

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CITY	2003 MSAS NEEDS MILEAGE	2004 MSAS NEEDS MILEAGE	DIFFERENCE IN MILEAGE
Albert Lea	18.74	20.02	1.28
Alexandria	15.90	17.34	1.44
Andover	36.72	37.69	0.97
Anoka	12.64	12.64	
Apple Valley	35.54	35.67	0.13
Arden Hills	7.42	7.55	0.13
Austin	27.70	28.62	0.92
Baxter	12.77	13.94	1.17
Belle Plaine	0.00	8.36	8.36
Bemidji	16.25	16.66	0.41
Big Lake	6.37	7.60	1.23
Blaine	40.52	40.52	
Bloomington	75.02	75.33	0.31
Brainerd	16.12	16.12	
Brooklyn Center	21.56	21.40	(0.16)
Brooklyn Park	48.08	50.38	2.30
Buffalo	14.17	14.64	0.47
Burnsville	44.05	44.76	0.71
Cambridge	11.07	11.07	
Champlin	17.01	17.64	0.63
Chanhassen	22.27	22.27	
Chaska	15.13	15.77	0.64
Chisholm	7.99	7.99	
Cloquet	20.14	20.14	
Columbia Heights	12.53	12.53	
Coon Rapids	41.82	41.85	0.03
Corcoran	14.80	14.80	
Cottage Grove	31.44	33.39	1.95
Crookston	11.71	11.67	(0.04)
Crystal	17.88	17.88	
Detroit Lakes	13.33	13.35	0.02
Duluth	112.18	112.94	0.76
Eagan	46.15	46.15	
East Bethel	26.91	27.16	0.25
East Grand Forks	15.19	15.51	0.32
Eden Prairie	45.40	45.40	
Edina	40.27	40.27	
Elk River	30.42	32.80	2.38
Fairmont	19.49	19.70	0.21
Falcon Heights	2.54	3.29	0.75
Faribault	22.80	22.80	
Farmington	13.85	13.85	
Fergus Falls	24.32	24.67	0.35
Forest Lake	22.35	22.35	
Fridley	24.81	22.87	(1.94)
Glencoe	6.98	7.17	0.19

CITY	2003 MSAS NEEDS MILEAGE	2004 MSAS NEEDS MILEAGE	DIFFERENCE IN MILEAGE
Golden Valley	23.57	23.57	
Grand Rapids	11.47	13.24	1.77
Ham Lake	26.51	27.95	1.44
Hastings	19.27	19.11	(0.16)
Hermantown	14.08	14.08	
Hibbing	51.31	51.31	
Hopkins	9.32	9.34	0.02
Hugo	16.79	16.79	
Hutchinson	16.65	17.58	0.93
International Falls	8.06	8.06	
Inver Grove Heights	23.86	23.86	
Kasson	0.00	4.99	4.99
La Crescent	5.66	5.64	(0.02)
Lake City	6.50	6.50	
Lake Elmo	11.42	12.29	0.87
Lakeville	51.95	55.93	3.98
Lino Lakes	20.55	20.35	(0.20)
Litchfield	8.58	8.77	0.19
Little Canada	10.49	10.54	0.05
Little Falls	15.98	16.73	0.75
Mahtomedi	8.62	8.62	
Mankato	33.27	33.27	
Maple Grove	49.10	50.49	1.39
Maplewood	31.71	32.32	0.61
Marshall	15.48	15.64	0.16
Mendota Heights	14.39	14.39	
Minneapolis	203.00	203.06	0.06
Minnetonka	49.89	49.89	
Montevideo	8.25	8.55	0.30
Monticello	9.04	9.04	
Moorhead	29.74	29.75	0.01
Morris	8.11	8.11	
Mound	8.05	8.05	
Mounds View	12.51	12.51	
New Brighton	14.92	14.92	
New Hope	12.70	12.70	
New Prague	5.52	5.31	(0.21)
New Ulm	15.33	16.06	0.73
North Branch	22.53	22.53	
North Mankato	13.38	13.58	0.20
North St. Paul	11.40	11.40	
Northfield	12.36	12.36	
Oak Grove	19.50	22.34	2.84
Oakdale	18.39	19.40	1.01
Orono	12.58	12.58	
Otsego	16.37	17.08	0.71

CITY	2003 MSAS NEEDS MILEAGE	2004 MSAS NEEDS MILEAGE	DIFFERENCE IN MILEAGE
Owatonna	18.19	18.19	
Plymouth	54.72	54.93	0.21
Prior Lake	17.58	17.58	
Ramsey	29.32	32.21	2.89
Red Wing	23.82	23.82	
Redwood Falls	7.87	8.20	0.33
Richfield	25.08	25.08	
Robbinsdale	9.51	10.11	0.60
Rochester	66.55	66.65	0.10
Rogers	7.71	7.71	
Rosemount	25.93	26.21	0.28
Roseville	28.70	28.70	
St. Anthony	5.63	5.63	
St. Cloud	60.26	60.01	(0.25)
St. Francis	10.37	10.62	0.25
St. Joseph	3.47	4.78	1.31
St. Louis Park	31.19	31.09	(0.10)
St. Michael	18.88	19.89	1.01
St. Paul	165.13	165.28	0.15
St. Paul Park	4.92	4.92	
St. Peter	14.24	14.32	0.08
Sartell	14.28	15.09	0.81
Sauk Rapids	11.87	11.82	(0.05)
Savage	24.92	24.92	
Shakopee	24.53	31.73	7.20
Shoreview	18.57	19.52	0.95
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	15.06	15.23	0.17
Vadnais Heights	8.32	8.32	
Victoria	0.00	5.00	5.00
Virginia	15.93	15.93	
Waconia	5.53	5.53	
Waite Park	6.12	6.12	
Waseca	6.42	6.35	(0.07)
West St. Paul	13.54	13.54	
White Bear Lake	20.35	20.35	
Willmar	23.91	23.91	
Winona	21.77	22.29	0.52
Woodbury	46.03	49.32	3.29
Worthington	11.39	11.39	
TOTAL	3,116.44	3,189.71	73.27

2004 Itemized Tabulation of Needs

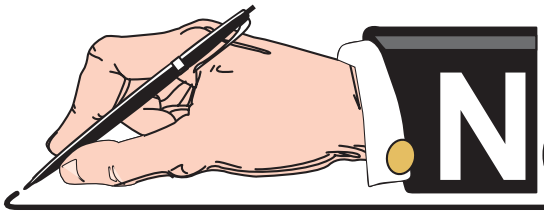
The 2004 money needs reflects an increase due to the updating of the needs, new designations and an increase in unit prices. See the Screening Board Resolutions in the back of this book for the unit prices used in the 2004 needs computation.

The 2004 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 $935,922. Spring Lake Park has the lowest cost per mile with $439,624 while Crookston has the highest cost with $1,659,466 per mile.

The eight cities that exceed $1,200,000 per mile are listed alphabetically as follows: Crookston, Fairmont, La Crescent, Minneapolis, New Ulm, Saint Paul, Sauk Rapids, Thief River Falls. The five cities that 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

2004 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	$2,052,052	$225,991	$784,981	$3,676,166	$1,649,076	$16,844	$840,850	$1,068,744	$1,007,190	$943,200	$39,000	$692,800	$2,088,000	$3,016,977	$164,315	$18,266,186	20.02	$912,397	ALBERT LEA
ALEXANDRIA	102	1,662,554	1,702,814	450,713	4,172,730	1,703,229	2,332	968,764	1,483,776	1,023,620	860,800	180,650	0	0	2,842,395	135,931	17,190,308	17.34	991,367	ALEXANDRIA
ANDOVER	198	2,231,179	4,511,934	0	3,669,811	2,715,801	144,480	1,518,474	2,453,640	1,650,750	1,695,200	100,000	377,400	188,250	4,251,383	208,066	25,716,368	37.69	682,313	ANDOVER
ANOKA	103	1,211,362	1,913,037	75,399	2,114,859	1,172,358	0	752,718	1,090,944	575,360	692,800	13,000	0	0	1,922,366	97,579	11,631,782	12.64	920,236	ANOKA
APPLE VALLEY	186	2,774,575	1,642,375	1,128,456	7,563,004	3,542,154	0	1,527,972	2,385,696	2,880,210	1,731,200	15,000	0	0	5,038,130	327,415	30,556,187	35.67	856,635	APPLE VALLEY
ARDEN HILLS	187	549,345	948,635	138,230	1,371,619	671,946	0	455,461	725,568	332,940	377,600	111,590	0	276,250	1,191,838	49,902	7,200,924	7.55	953,765	ARDEN HILLS
AUSTIN	104	3,639,452	2,010,266	459,091	4,490,717	2,476,749	0	1,110,178	1,626,552	1,469,400	1,088,800	0	7,257,640	1,013,000	5,328,368	243,098	32,213,311	28.62	1,125,552	AUSTIN
BAXTER	230	763,403	1,371,712	102,206	1,596,822	1,157,805	16,965	555,450	465,816	664,950	476,800	0	0	0	1,434,386	93,368	8,699,683	13.94	624,081	BAXTER
BELLE PLAINE	239	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0	BELLE PLAINE
BEMIDJI	105	803,320	425,704	270,595	1,776,686	1,498,431	0	473,899	730,224	950,460	524,000	0	725,348	552,500	1,746,234	136,275	10,613,676	16.66	637,075	BEMIDJI
BIG LAKE	232	423,978	946,007	0	1,178,868	540,408	0	322,320	520,872	235,600	296,000	0	0	0	892,812	41,484	5,398,349	7.60	710,309	BIG LAKE
BLAINE	106	1,728,700	4,083,603	225,356	4,962,568	3,272,214	15,852	1,556,814	2,506,608	2,500,770	1,669,600	0	0	0	4,504,419	278,282	27,304,786	40.52	673,859	BLAINE
BLOOMINGTON	107	8,192,744	8,246,038	2,127,062	17,624,523	7,799,352	0	5,960,726	7,457,568	6,295,170	4,768,000	1,237,995	415,288	1,478,750	14,320,644	792,842	86,716,702	75.33	1,151,158	BLOOMINGTON
BRAINERD	108	1,113,923	189,203	511,032	2,405,959	1,403,820	0	716,181	845,664	817,470	628,000	0	0	0	1,726,257	126,360	10,483,869	16.12	650,364	BRAINERD
BROOKLYN CENTER	109	1,323,541	635,926	698,692	3,029,899	1,841,532	0	859,891	1,100,064	1,654,160	911,200	29,240	0	0	2,416,827	190,281	14,691,253	21.40	686,507	BROOKLYN CENTER
BROOKLYN PARK	110	1,549,794	2,225,746	532,811	4,636,239	4,412,265	5,507	902,412	1,258,536	3,757,200	1,560,800	0	0	0	4,168,266	434,527	25,444,103	50.38	505,044	BROOKLYN PARK
BUFFALO	213	1,297,581	2,336,115	87,964	3,092,514	1,181,103	0	915,015	1,375,248	585,590	788,000	216,820	0	1,165,000	2,608,189	93,701	15,742,840	14.64	1,075,331	BUFFALO
BURNSVILLE	179	4,920,907	1,605,586	1,298,526	11,907,936	4,295,412	0	2,688,166	3,196,704	3,516,020	2,382,400	460,000	0	277,000	7,309,736	451,859	44,310,252	44.76	989,952	BURNSVILLE
CAMBRIDGE	218	528,872	825,128	74,561	1,109,940	787,677	4,690	345,760	482,760	467,170	341,600	0	739,704	0	1,141,572	67,680	6,917,114	11.07	624,852	CAMBRIDGE
CHAMPLIN	193	527,075	1,361,200	40,213	1,493,609	1,536,381	0	417,297	688,464	1,005,020	408,800	70,200	0	0	1,509,656	132,311	9,190,226	17.64	520,988	CHAMPLIN
CHANHASSEN	194	801,814	932,869	160,849	2,215,977	1,817,376	0	652,430	639,456	1,178,310	533,600	180,000	798,224	0	1,982,178	158,692	12,051,775	22.27	541,166	CHANHASSEN
CHASKA	196	1,096,490	1,290,252	136,554	2,297,237	1,299,507	20,408	551,963	889,416	882,570	634,400	62,000	0	125,500	1,857,259	118,645	11,262,201	15.77	714,154	CHASKA
CHISHOLM	111	1,041,858	633,298	180,957	1,578,566	608,652	0	393,795	641,256	257,300	365,600	37,500	166,250	0	1,181,006	54,034	7,140,072	7.99	893,626	CHISHOLM
CLOQUET	112	2,135,684	2,393,924	91,316	3,655,535	1,611,192	20,086	958,194	1,431,288	825,840	997,600	37,000	0	531,750	2,937,879	128,341	17,755,629	20.14	881,610	CLOQUET
COLUMBIA HEIGHTS	113	1,617,355	988,053	387,043	3,855,617	1,128,534	0	908,680	227,520	582,800	873,600	338,000	0	378,625	2,257,165	100,385	13,643,377	12.53	1,088,857	COLUMBIA HEIGHTS
COON RAPIDS	114	2,466,124	370,520	1,614,348	5,521,427	3,880,800	0	2,072,352	2,392,584	2,977,860	1,783,200	0	3,436,800	0	5,303,211	390,908	32,210,134	41.85	769,657	COON RAPIDS
CORCORAN	215	1,454,842	281,175	0	1,846,424	741,510	127,503	93,226	150,648	458,800	835,200	26,750	0	0	1,203,217	68,652	7,287,947	14.80	492,429	CORCORAN
COTTAGE GROVE	180	2,407,716	3,287,376	419,714	6,997,308	3,002,505	45,949	1,674,318	2,381,256	2,226,730	1,506,400	158,000	1,094,400	0	5,040,337	258,369	30,500,378	33.39	913,458	COTTAGE GROVE
CROOKSTON	115	1,132,766	727,901	319,186	2,653,896	988,878	0	602,381	911,496	452,910	560,800	0	7,712,632	1,750	3,212,920	88,451	19,365,967	11.67	1,659,466	CROOKSTON
CRYSTAL	116	1,247,652	1,516,241	321,704	3,085,316	1,467,477	0	914,141	1,515,288	721,060	875,200	44,000	0	169,500	2,375,516	111,639	14,364,734	17.88	803,397	CRYSTAL
DETROIT LAKES	117	955,889	1,348,062	139,069	2,241,531	1,131,009	844	672,041	473,808	538,470	677,600	0	0	330,250	1,701,715	96,212	10,306,500	13.35	772,022	DETROIT LAKES
DULUTH	118	15,737,841	5,352,831	3,133,201	30,785,622	8,539,806	452,694	5,331,190	6,121,968	6,189,150	6,576,800	154,000	10,275,280	744,500	19,878,986	850,617	120,124,486	112.94	1,063,613	DULUTH
EAGAN	195	1,740,114	557,094	996,923	5,526,700	4,063,092	0	358,357	1,941,552	3,088,840	1,229,600	12,000	0	292,250	3,961,307	408,381	24,176,210	46.15	523,862	EAGAN
EAST BETHEL	203	2,505,913	2,756,561	0	3,178,736	2,505,030	21,868	1,814,625	1,720,488	911,400	819,200	96,467	0	0	3,266,061	133,788	19,730,137	27.16	726,441	EAST BETHEL
EAST GRAND FORKS	119	1,940,392	964,402	72,886	3,407,998	1,348,413	8,335	677,644	166,440	761,670	726,400	0	1,572,500	190,000	2,367,417	113,576	14,318,073	15.51	923,151	EAST GRAND FORKS
EDEN PRAIRIE	181	3,579,698	3,650,015	1,448,473	10,352,520	4,402,926	0	3,185,485	3,010,248	3,385,510	2,313,600	437,800	1,324,800	188,250	7,455,863	353,413	45,088,601	45.40	993,141	EDEN PRAIRIE
EDINA	120	3,752,384	2,188,956	899,749	8,356,695	3,393,786	0	2,033,276	1,687,848	2,905,630	2,384,000	150,600	316,368	36,750	5,621,207	317,572	34,044,821	40.27	845,414	EDINA
ELK RIVER	204	1,490,719	3,744,613	75,397	4,297,677	2,752,959	45,681	1,315,509	2,108,112	1,707,170	1,427,200	38,390	0	616,250	3,923,936	220,387	23,764,000	32.80	724,512	ELK RIVER
FAIRMONT	123	3,437,069	3,418,772	68,696	5,592,657	1,791,669	0	1,188,173	1,946,688	1,116,930	1,106,400	50,978	148,000	705,750	4,114,357	160,550	24,846,689	19.70	1,261,253	FAIRMONT
FALCON HEIGHTS	124	281,833	210,225	72,048	598,050	235,455	0	143,823	273,072	129,580	183,200	36,000	0	0	432,657	20,760	2,616,703	3.29	795,350	FALCON HEIGHTS
FARIBAULT	125	2,440,160	1,692,302	363,586	5,403,057	2,042,667	0	1,288,120	1,791,168	1,297,660	1,166,400	10,000	2,088,892	1,136,750	4,144,150	186,336	25,051,248	22.80	1,098,739	FARIBAULT
FARMINGTON	212	1,849,181	2,467,503	7,540	3,932,797	1,160,379	112,547	770,181	936,792	578,150	969,600	105,000	190,624	320,250	2,680,110	75,961	16,156,615	13.85	1,166,543	FARMINGTON
FERGUS FALLS	126	2,088,628	1,337,549	457,418	4,743,292	1,827,375	45,507	1,004,472	956,280	1,076,320	1,212,800	13,000	1,648,276	2,116,500	3,705,481	162,660	22,395,558	24.67	907,805	FERGUS FALLS
FOREST LAKE	214	1,968,489	5,024,353	54,455	6,276,324	1,613,997	0	493,814	275,160	801,350	1,612,000	0	0	0	3,623,990	123,519	21,867,451	22.35	978,409	FOREST LAKE
FRIDLEY	127	2,037,799	1,461,058	851,162	4,628,316	2,049,861	0	1,108,976	2,177,952	1,126,850	1,308,800	85,500	0	150,750	3,397,401	181,339	20,565,764	22.87	899,246	FRIDLEY
GLENCOE	226	694,845	896,083	125,664	1,769,667	634,920	0	351,215	430,152	318,060	429,600	0	0	0	1,130,042	52,433	6,832,681	7.17	952,954	GLENCOE
GOLDEN VALLEY	128	1,817,358	1,332,295	596,482	4,254,622	1,916,145	0	968,518	751,464	1,268,830	1,025,600	10,000	912,000	804,875	3,131,633	184,076	18,973,898	23.57	805,002	GOLDEN VALLEY
GRAND RAPIDS	129	1,321,441	1,941,944	148,285	2,937,647	1,195,458	0	773,986	1,289,424	612,560	732,800	60,000	0	464,500	2,295,604	100,303	13,873,952	13.24	1,047,882	GRAND RAPIDS
HAM LAKE	197	4,517,677	3,894,400	67,859	2,534,343	1,780,680	35,778	1,402,585	1,964,832	885,050	1,320,800	32,310	0	0	3,687,258	143,928	22,267,500	27.95	796,691	HAM LAKE
HASTINGS	130	1,192,044	672,717	20,944	2,590,755	1,652,211	0	757,017	1,146,408	1,215,510	659,200	19,000	0	0	1,985,161	147,922	12,058,889	19.11	631,025	HASTINGS
HERMANTOWN	202	904,352	2,422,831	0	2,578,126	1,171,863	10,747	801,661	874,584	735,320	477,600	0	0	0	1,995,415	85,129	12,057,628	14.08	856,366	HERMANTOWN
HIBBING	131	5,850,982	3,064,012	465,792	10,920,577	3,619,584	274,283	1,574,295	1,840,632	1,917,660	2,824,000	0	32,000	1,788,750	6,834,524	327,144	41,334,235	51.31	805,579	HIBBING
HOPKINS	132	1,100,347	861,922	284,000	2,292,540	820,611	0	524,410	832,056	635,190	533,600	0	0	46,500	1,586,238	79,645	9,597,059	9.34	1,027,522	HOPKINS
HUGO	224	2,531,036	833,013	0	2,361,445	914,694	119,758	275,823	358,392	577,220	926,400	0	0	0	1,779,557	83,788	10,761,126	16.79	640,925	HUGO
HUTCHINSON	133	1,377,590	1,166,745	385,367	2,805,875	1,529,352	0	808,124	861,432	798,560	753,600	45,000	566,100	526,500	2,324,851	133,952	14,083,048	17.58	801,084	HUTCHINSON
INTERNATIONAL FALLS	134	888,025	141,901	309,130	1,976,308	704,616	0	442,489	714,840	285,510	406,400	0	0	0	1,173,847	55,662	7,098,728	8.06	880,735	INTERNATIONAL FALLS
INVER GROVE HEIGHTS	178	2,133,912	2,451,737	384,529	6,105,264	2,152,095	4,382	1,293,066	1,234,464	1,497,300	1,451,200	40,000	0	0	3,749,594	194,481	22,692,024	23.86	951,049	INVER GROVE HEIGHTS
KASSON	240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0	KASSON
LA CRESCENT	236	628,638	798,851	210,277	2,047,234	473,682	0	483,554	619,224	178,870	444,000	6,500	0	0	1,178,167	41,175	7,110,172	5.64	1,260,669	LA CRESCENT
LAKE CITY	234	565,733	441,470	289,863	1,070,325	551,859	0	455,387	738,984	221,340	420,000	0	0	276,250	1,006,241	46,338	6,083,790	6.50	935,968	LAKE CITY
LAKE ELMO	206	442,188	630,672	54,454	1,307,059	790,119	56,159	265,246	233,904	382,230	383,200	46,000	0	0	918,247	63,935	5,573,413	12.29	453,492	LAKE ELMO
LAKEVILLE	188	3,930,347	6,317,230	610,726	10,768,502	5,026,065	39,744	2,761,422	3,210,696	3,095,660	2,604,800	0	0	647,000	7,802,439	388,394	47,203,025	55.93	843,966	LAKEVILLE
LINO LAKES	210	1,342,510	2,943,137	0	4,354,136	1,577,895	24,160	1,084,556	1,527,432	642,630	1,163,200	0	0	0	2,931,932	107,093	17,698,681	20.35	869,714	LINO LAKES
LITCHFIELD	135	912,427	1,555,662	41,888	2,028,176	735,669	0	558,453	905,112	271,870	516,000	0	0	0	1,505,050	58,596	9,088,903	8.77	1,036,363	LITCHFIELD
LITTLE CANADA	200	865,265	1,132,582	328,402	2,341,993	788,436	0	711,649	1,042,416	503,750	658,400	56,500	1,036,800	110,250	1,915,285	68,622	11,560,350	10.54	1,096,807	LITTLE CANADA
LITTLE FALLS	136	1,445,012	2,165,304	237,925	3,545,886	1,488,795	0	1,062,153	1,705,776	740,590	980,800	25,000	0	232,250	2,725,896	127,805	16,483,192	16.73	985,248	LITTLE FALLS
MAHTOMEDI	219	361,394	1,066,888	62,832	999,073	581,097	0	326,867	427,584	385,020	320,800	15,000	0	0	909,309	49,197	5,505,061	8.62	638,638	MAHTOMEDI
MANKATO	137	3,629,607	1,671,279	762,361	7,108,233	3,112,263	0	1,623,410	2,643,576	2,668,790	1,456,000	0	264,840	88,750	5,005,818	315,829	30,350,756	33.27	912,256	MANKATO
MAPLE GROVE	189	5,457,354	5,555,172	768,217	13,953,431	5,432,064	6,914	3,003,770	3,538,608	3,656,140	2,184,000	708,248	0	726,750	8,998,137	367,250	54,356,055	50.49	1,076,571	MAPLE GROVE
MAPLEWOOD	138	2,842,039	3,954,841	713,767	7,592,701	2,924,493	0	2,196,208	3,317,016	1,788,700	1,909,600	195,000	0	0	5,486,874	236,732	33,157,971	32.32	1,025,927	MAPLEWOOD
MARSHALL	139	1,687,488	1,834,201	425,577	4,617,873	1,420,188	0	1,033,554	1,172,760	654,720	963,200	0	331,520	0	2,828,216	137,868	17,107,165	15.64	1,093,809	MARSHALL
MENDOTA HEIGHTS	140	556,096	859,290	205,250	2,040,255	1,205,358	0	418,111	514,608	650,690	533,600	6,000	0	188,250	1,435,504	104,604	8,717,616	14.39	605,811	MENDOTA HEIGHTS

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
MINNEAPOLIS	141	47,366,963	9,433,793	10,378,961	55,342,346	18,135,150	0	13,984,272	22,489,872	15,586,180	12,908,000	4,515,836	36,720,520	8,160,500	51,004,472	1,954,028	307,980,893	203.06	1,516,699	MINNEAPOLIS
MINNETONKA	142	3,386,922	4,033,675	692,825	9,725,952	4,172,883	0	2,478,110	3,615,912	2,758,380	2,284,800	90,000	0	504,500	6,748,794	338,255	40,831,008	49.89	818,421	MINNETONKA
MONTEVIDEO	143	600,884	365,265	167,553	1,412,755	686,895	0	399,147	615,096	310,310	378,400	0	0	0	987,263	63,294	5,986,862	8.55	700,218	MONTEVIDEO
MONTICELLO	222	578,028	1,032,725	41,051	1,339,337	764,412	0	427,369	475,656	341,930	416,800	0	0	0	1,083,462	67,987	6,568,757	9.04	726,632	MONTICELLO
MOORHEAD	144	4,159,751	662,205	966,772	7,933,723	2,721,510	0	1,671,186	2,034,792	1,884,180	1,484,000	0	3,726,048	779,375	5,604,708	293,657	33,921,907	29.75	1,140,232	MOORHEAD
MORRIS	190	432,810	449,353	48,590	973,214	662,343	0	224,690	335,592	251,410	206,400	0	0	0	716,880	59,264	4,360,546	8.11	537,675	MORRIS
MOUND	145	934,537	701,621	381,179	2,228,888	642,873	0	665,061	728,376	292,330	614,400	122,500	0	154,250	1,493,203	49,696	9,008,914	8.05	1,119,120	MOUND
MOUNDS VIEW	146	665,119	1,466,311	139,904	1,781,789	922,416	0	677,740	1,087,872	457,870	622,400	0	0	0	1,564,286	82,907	9,468,614	12.51	756,884	MOUNDS VIEW
NEW BRIGHTON	147	939,354	643,812	165,877	2,471,513	1,135,431	18,345	628,013	41,544	652,550	712,800	20,000	0	981,250	1,682,097	102,419	10,195,005	14.92	683,311	NEW BRIGHTON
NEW HOPE	182	1,333,595	81,462	737,228	3,059,353	1,171,203	0	763,103	1,147,056	817,160	728,800	94,500	1,209,600	459,875	2,320,589	109,614	14,033,138	12.70	1,104,971	NEW HOPE
NEW PRAGUE	237	422,717	312,708	169,226	916,621	391,875	0	279,693	451,968	164,610	257,600	0	0	0	673,405	33,623	4,074,046	5.31	767,240	NEW PRAGUE
NEW ULM	148	1,804,360	969,658	557,945	3,866,669	1,428,900	0	1,004,467	1,616,568	712,690	922,400	40,000	1,228,800	1,929,500	3,216,389	130,763	19,429,109	16.06	1,209,783	NEW ULM
NORTH BRANCH	225	2,120,902	901,335	29,321	3,766,798	1,197,702	244,914	327,931	734,112	699,670	1,553,600	0	147,000	133,750	2,371,407	111,821	14,340,263	22.53	636,496	NORTH BRANCH
NORTH MANKATO	150	1,249,943	717,390	323,372	3,258,311	1,354,320	0	663,716	920,256	959,140	527,200	130,000	0	0	2,020,729	126,305	12,250,682	13.58	902,112	NORTH MANKATO
NORTH ST PAUL	151	1,421,227	854,034	444,847	2,802,610	971,850	0	751,813	1,197,456	510,260	678,400	10,000	0	0	1,928,498	81,334	11,652,329	11.40	1,022,134	NORTH ST PAUL
NORTHFIELD	149	800,522	507,164	175,094	1,725,941	963,138	0	383,726	544,152	518,010	429,600	2,000	1,363,968	1,237,500	1,730,157	95,684	10,476,656	12.36	847,626	NORTHFIELD
OAK GROVE	223	1,598,140	3,431,907	0	4,602,301	1,837,011	62,993	1,344,269	1,840,296	692,540	1,064,800	10,000	0	0	3,296,850	106,904	19,888,011	22.34	890,242	OAK GROVE
OAKDALE	185	549,458	1,106,303	51,940	1,352,671	1,539,021	0	351,064	549,792	1,357,800	339,200	110,000	0	0	1,461,447	139,747	8,908,443	19.40	459,198	OAKDALE
ORONO	152	1,051,841	2,041,801	0	2,580,004	910,305	49,621	676,931	1,088,352	454,150	759,200	319,000	61,864	261,000	2,050,813	68,991	12,373,873	12.58	983,615	ORONO
OTSEGO	217	853,016	2,388,670	0	2,753,764	1,437,150	10,291	790,749	1,190,616	552,110	687,200	0	0	0	2,132,716	101,780	12,898,062	17.08	755,156	OTSEGO
OWATONNA	153	2,052,424	1,256,089	201,900	3,515,680	1,542,387	0	786,280	1,256,088	840,410	885,600	0	2,208,000	825,250	3,074,021	145,966	18,590,095	18.19	1,021,995	OWATONNA
PLYMOUTH	155	4,396,363	5,050,631	975,979	13,254,313	5,053,389	7,262	2,013,046	2,118,024	4,400,450	2,824,800	102,250	75,200	627,250	8,179,793	444,466	49,523,216	54.93	901,570	PLYMOUTH
PRIOR LAKE	201	1,224,201	2,354,508	81,262	3,525,305	1,365,012	13,105	1,120,356	1,329,096	605,430	974,400	10,000	0	0	2,520,534	109,224	15,232,433	17.58	866,464	PRIOR LAKE
RAMSEY	199	1,505,954	5,003,332	134,040	4,170,867	2,603,667	16,348	1,727,415	2,649,480	1,062,370	1,692,800	0	0	0	4,113,253	192,010	24,871,536	32.21	772,168	RAMSEY
RED WING	156	2,782,174	2,764,449	326,727	5,029,503	2,032,074	28,341	1,269,256	1,112,352	1,204,970	1,284,800	606,300	0	715,000	3,831,188	175,946	23,163,080	23.82	972,421	RED WING
REDWOOD FALLS	207	751,215	964,402	185,984	1,993,629	671,286	0	540,038	859,200	254,200	496,000	0	0	0	1,343,191	48,398	8,107,543	8.20	988,725	REDWOOD FALLS
RICHFIELD	157	4,078,605	1,768,511	884,670	4,224,198	2,266,209	0	1,360,149	1,162,944	1,535,120	1,652,000	0	0	919,750	3,970,430	227,867	24,050,453	25.08	958,949	RICHFIELD
ROBBINSDALE	158	1,059,389	953,891	165,876	2,497,158	967,032	0	584,240	676,320	605,120	537,600	565,000	0	353,375	1,793,003	80,946	10,838,950	10.11	1,072,102	ROBBINSDALE
ROCHESTER	159	6,109,882	1,815,812	1,570,793	14,541,755	6,108,135	51,254	2,497,838	2,719,512	5,273,720	3,000,000	0	4,772,556	1,573,750	10,007,011	598,049	60,640,067	66.65	909,828	ROCHESTER
ROGERS	238	301,709	559,721	10,053	914,422	666,567	14,539	235,176	379,920	420,360	201,600	0	0	0	740,812	51,651	4,496,530	7.71	583,208	ROGERS
ROSEMOUNT	208	1,333,254	3,463,441	0	3,921,416	2,294,853	0	981,793	1,318,704	947,360	1,059,200	0	0	527,250	3,169,452	167,574	19,184,297	26.21	731,946	ROSEMOUNT
ROSEVILLE	160	1,677,175	1,463,685	810,949	5,129,662	2,225,157	0	1,022,006	2,144,400	1,142,040	1,347,200	656,740	0	753,750	3,674,556	191,571	22,238,891	28.70	774,874	ROSEVILLE
ST ANTHONY	161	773,893	331,103	232,060	1,334,212	462,858	0	351,064	486,528	366,420	322,400	344,000	0	0	1,000,905	45,499	6,050,942	5.63	1,074,768	ST ANTHONY
ST CLOUD	162	4,183,113	4,982,311	1,052,226	10,643,215	5,477,769	7,276	2,915,541	3,677,760	4,780,200	2,560,800	0	550,560	1,597,375	8,485,627	489,969	51,403,742	60.01	856,586	ST CLOUD
ST FRANCIS	235	1,244,509	1,815,811	0	2,989,387	805,794	8,522	667,319	1,078,416	445,470	849,600	0	0	0	1,980,965	49,337	11,935,130	10.62	1,123,835	ST FRANCIS
ST JOSEPH	233	254,968	551,838	31,835	777,996	417,417	0	201,227	283,752	179,490	198,400	0	0	0	579,384	29,557	3,505,864	4.78	733,444	ST JOSEPH
ST LOUIS PARK	163	3,644,719	698,994	1,356,329	7,212,673	2,853,015	0	2,002,419	1,983,552	2,262,380	1,764,000	256,875	1,371,160	333,000	5,147,824	307,832	31,194,772	31.09	1,003,370	ST LOUIS PARK
ST MICHAEL	227	2,969,998	1,807,925	0	3,651,511	1,227,336	92,407	650,663	847,680	682,620	1,291,200	20,000	0	0	2,648,268	102,125	15,991,733	19.89	804,009	ST MICHAEL
ST PAUL	164	32,622,507	1,631,865	9,985,194	44,084,378	14,245,770	0	11,452,653	14,657,928	11,729,470	10,037,600	3,160,737	29,269,714	6,758,000	37,927,160	1,459,456	229,022,432	165.28	1,385,663	ST PAUL
ST PAUL PARK	184	451,841	659,579	93,829	1,216,873	392,205	0	337,599	553,896	188,790	331,200	0	0	0	845,163	36,707	5,107,682	4.92	1,038,147	ST PAUL PARK
ST PETER	165	1,382,984	2,165,309	154,146	3,302,493	1,244,166	0	852,647	1,406,496	583,420	806,400	0	0	0	2,379,612	107,911	14,385,584	14.32	1,004,580	ST PETER
SARTELL	220	794,858	2,191,584	17,593	2,244,273	1,326,666	0	744,885	1,203,816	755,470	684,000	20,000	0	0	1,996,630	103,339	12,083,114	15.09	800,737	SARTELL
SAUK RAPIDS	191	1,116,453	1,024,846	181,791	2,518,072	1,091,376	0	753,346	456,288	600,780	629,600	20,000	3,703,700	409,000	2,501,048	103,471	15,109,771	11.82	1,278,322	SAUK RAPIDS
SAVAGE	211	1,036,099	2,220,490	0	3,110,910	2,152,689	25,326	791,153	681,600	1,373,610	778,400	0	1,168,000	0	2,667,656	184,822	16,190,755	24.92	649,709	SAVAGE
SHAKOPEE	166	1,535,501	1,957,710	406,310	4,997,500	2,777,478	100,379	1,070,745	1,362,840	1,597,120	1,199,200	0	0	1,483,750	3,697,707	252,433	22,438,673	31.73	707,175	SHAKOPEE
SHOREVIEW	167	847,642	1,064,259	180,957	1,603,875	1,424,478	0	483,147	762,240	765,080	556,000	31,200	0	0	1,543,776	131,934	9,394,588	19.52	481,280	SHOREVIEW
SHOREWOOD	216	389,572	1,353,317	0	1,247,398	488,895	0	448,586	125,784	322,400	412,000	0	0	0	957,593	42,462	5,788,007	8.24	702,428	SHOREWOOD
SOUTH ST PAUL	168	1,687,542	281,175	338,453	3,752,429	1,450,515	0	628,208	948,288	834,520	844,000	6,000	0	0	2,154,229	134,480	13,059,839	16.82	776,447	SOUTH ST PAUL
SPRING LAKE PARK	183	198,627	0	103,881	500,140	425,700	0	108,019	207,840	356,810	191,200	4,500	0	0	419,345	42,548	2,558,610	5.82	439,624	SPRING LAKE PARK
STEWARTVILLE	228	459,605	291,686	144,094	1,111,138	344,322	0	268,269	434,568	123,690	250,400	0	0	0	685,556	31,985	4,145,313	3.99	1,038,926	STEWARTVILLE
STILLWATER	169	1,240,654	730,528	236,249	3,022,298	1,298,748	0	488,814	832,272	854,980	699,200	198,791	0	0	1,920,506	113,874	11,636,914	15.45	753,198	STILLWATER
THIEF RIVER FALLS	170	1,627,982	1,926,180	115,611	4,192,690	1,340,823	0	882,524	701,712	746,790	850,400	0	1,403,928	1,398,500	3,037,426	122,325	18,346,891	15.23	1,204,655	THIEF RIVER FALLS
VADNAIS HEIGHTS	209	483,765	607,022	93,828	1,437,463	623,931	0	265,692	626,088	383,470	425,600	0	0	0	989,372	53,339	5,989,570	8.32	719,900	VADNAIS HEIGHTS
VICTORIA	241	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0	VICTORIA
VIRGINIA	171	2,572,466	767,317	296,565	3,637,534	1,289,508	70,256	589,856	978,720	815,300	802,400	0	0	973,500	2,558,685	120,968	15,473,075	15.93	971,317	VIRGINIA
WACONIA	231	593,341	23,650	346,831	1,344,598	475,134	0	368,366	283,656	204,290	338,400	0	0	0	795,655	45,319	4,819,240	5.53	871,472	WACONIA
WAITE PARK	221	218,066	223,364	38,537	488,572	595,287	0	68,278	163,728	541,880	98,400	0	0	458,500	578,920	56,013	3,529,545	6.12	576,723	WAITE PARK
WASECA	172	998,286	656,949	26,809	1,230,750	537,339	0	344,927	518,040	224,130	316,800	5,000	0	470,000	1,065,804	49,095	6,443,929	6.35	1,014,792	WASECA
WEST ST PAUL	173	894,540	701,622	191,846	1,951,769	1,074,909	0	548,424	802,896	671,460	523,200	156,000	0	0	1,503,334	110,158	9,130,158	13.54	674,310	WEST ST PAUL
WHITE BEAR LAKE	174	1,238,095	1,116,815	400,450	3,215,464	1,603,734	0	885,617	964,824	948,600	820,000	0	0	435,000	2,325,720	142,205	14,096,524	20.35	692,704	WHITE BEAR LAKE
WILLMAR	175	1,804,689	2,191,585	211,952	4,415,933	2,247,432	14,740	981,466	1,552,968	1,330,210	985,600	0	0	851,250	3,317,568	220,646	20,126,039	23.91	841,741	WILLMAR
WINONA	176	2,356,125	972,288	384,531	4,202,105	2,125,398	85,934	1,243,763	1,512,552	1,582,550	1,295,200	660,000	0	132,750	3,310,636	193,679	20,057,511	22.29	899,843	WINONA
WOODBURY	192	3,999,638	5,699,700	471,656	10,973,710	4,941,288	78,926	2,982,168	3,503,304	4,189,650	2,194,400	224,250	0	0	7,851,740	367,658	47,478,088	49.32	962,654	WOODBURY
WORTHINGTON	177	1,611,371	102,484	255,515	2,400,084	941,952	0	589,537	5,880	490,110	619,200	0	2,507,680	0	1,904,760	87,358	11,515,931	11.39	1,011,056	WORTHINGTON
TOTAL		**$322,274,357**	**$236,678,074**	**$66,946,749**	**$637,229,701**	**$271,808,868**	**$2,680,796**	**$156,650,608**	**$206,164,896**	**$183,351,670**	**$158,109,600**	**$18,322,517**	**$135,612,784**	**$57,172,250**	**$490,600,603**	**$24,540,609**	**$2,968,144,082**	**3,171.36**	**$935,922**	**TOTAL**

Percent of Total Needs - 2004	**10.86%**	**7.97%**	**2.26%**	**21.47%**	**9.16%**	**0.09%**	**5.28%**	**6.95%**	**6.18%**	**5.33%**	**0.62%**	**4.57%**	**1.93%**	**16.53%**	**0.83%**	**100.00%**
Percent of Total Needs - 2003	**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%**
Difference	-0.061%	-0.142%	0.011%	0.617%	0.344%	-0.006%	-0.017%	-0.410%	-0.116%	-0.171%	-0.055%	-0.088%	0.091%	-0.001%	0.004%	0.000%

16-Sep-04

COMPARISON OF NEEDS BETWEEN 2003 AND 2004

Does NOT include the new cities of Belle Plaine, Kasson and Victoria

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Needs Year	Grading	Complete Storm Sewer	Storm Sewer Adjustment	Base Needs	Surface Needs	Total Shoulder Needs	Curb & Gutter Construction
2003	$308,222,827	$229,084,725	$63,347,373	$588,605,558	$248,793,193	$2,721,707	$149,457,720
2004	$322,274,357	$236,678,074	$66,946,749	$637,229,701	$271,808,868	$2,680,796	$156,650,608
Difference	$14,051,530	$7,593,349	$3,599,376	$48,624,143	$23,015,675	($40,911)	$7,192,888
%	4.56%	3.31%	5.68%	8.26%	9.25%	-1.50%	4.81%

Needs Year	Sidewalk Construction	Traffic Signal Construction	Street Lighting Construction	Retaining Walls	Total Bridge Needs	Railroad Crossing Needs	Engineering
2003	$207,650,930	$177,658,210	$155,184,800	$18,977,579	$131,441,230	$51,805,000	$466,590,090
2004	$206,164,896	$183,351,670	$158,109,600	$18,322,517	$135,612,784	$57,172,250	$490,600,603
Difference	($1,486,034)	$5,693,460	$2,924,800	($655,062)	$4,171,554	$5,367,250	$24,010,513
%	-0.72%	3.20%	1.88%	-3.45%	3.17%	10.36%	5.15%

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
2003	$23,212,557	$2,822,753,499	3112.49	$72,534,008	$21,276,978	$2,916,564,485	26.7593
2004	$24,540,609	$2,968,144,082	3171.36	$79,933,058	$21,437,544	$3,069,514,684	27.6806
Difference	$1,328,052	$145,390,583	58.87	$7,399,050	$160,566	$152,950,199	0.9212
%	5.72%	5.15%	1.89%	10.20%	0.75%	5.24%	

TENTATIVE 2005 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 2005.

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, 2004 unencumbered construction fund balance was used as the adjustment in this report. The unencumbered balance as of December 31, 2004 will be used for the 2005 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 2005 Tentative Construction Needs Apportionment Determination.

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

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2004 ADJUSTED CONSTRUCTION NEEDS

for January 2005 apportionment

The Needs for Belle Plaine, Kasson, and Victoria are based upon the lowest Needs cost per mile of any other city

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Municipality	2003 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	Excess Balance Adjustment to Low Balance Incentive	(+ or -) Bond Account Adjustment	(+) Non-Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(+ or -) Individual Adjustments	Total Affect Of Adjustments	2004 Adjusted Construction Needs
Albert Lea	$18,266,186	($648,737)				$6,827		($641,910)	$17,624,276
Alexandria	17,190,308	242,511	$433,906					676,417	17,866,725
Andover	25,716,368	(1,526,681)		$2,204,000		152,490		829,809	26,546,177
Anoka	11,631,782	(700,875)				192,181		(508,694)	11,123,088
Apple Valley	30,556,187	(405,164)	771,279	580,000		126,066		1,072,181	31,628,368
Arden Hills	7,200,924	(453,525)						(453,525)	6,747,399
Austin	32,213,311	(1,434,175)				301,895		(1,132,280)	31,081,031
Baxter	8,699,683	(540,289)				468,225		(72,064)	8,627,619
Belle Plaine	3,675,257							0	3,675,257
Bemidji	10,613,676	125,569	267,903			276,323		669,795	11,283,471
Big Lake	5,398,349	(167,410)						(167,410)	5,230,939
Blaine	27,304,786	(293,732)	689,209			570,263		965,740	28,270,526
Bloomington	86,716,702	(2,456,751)				14,868,058		12,411,307	99,128,009
Brainerd	10,483,869	0	264,627			627,138		891,765	11,375,634
Brooklyn Center	14,691,253	(278,448)	370,827	1,167,000		2,516,036		3,775,415	18,466,668
Brooklyn Park	25,444,103	841,728	642,243			725,843		2,209,814	27,653,917
Buffalo	15,742,840	(911,235)						(911,235)	14,831,605
Burnsville	44,310,252	(190,924)	1,118,450			403,740		1,331,267	45,641,519
Cambridge	6,917,114	(45,000)	174,597	356,142				485,739	7,402,853
Champlin	9,190,226	(398,135)	231,974			133,275		(32,886)	9,157,340
Chanhassen	12,051,775	(2,698,083)	(5,396,165)			65,000		(8,029,248)	4,022,527
Chaska	11,262,201	0	284,273		$408,699	9,901		702,873	11,965,074
Chisholm	7,140,072	(721,829)						(721,829)	6,418,243
Cloquet	17,755,629	(861,482)						(861,482)	16,894,147
Columbia Heights	13,643,377	0	344,377			105,830		450,207	14,093,584
Coon Rapids	32,210,134	(277,166)	813,027		1,050,431	917,960		2,504,252	34,714,386
Corcoran	7,287,947	(372,834)				25,058		(347,776)	6,940,171
Cottage Grove	30,500,378	(1,041,117)			51,603	659,998		(329,516)	30,170,862
Crookston	19,365,967	(1,028,836)						(1,028,836)	18,337,131
Crystal	14,364,734	(57,932)	362,585			928,605		1,233,258	15,597,992
Detroit Lakes	10,306,500	(356,489)						(356,489)	9,950,011
Duluth	120,124,486	(471,681)	3,032,103			510,903		3,071,326	123,195,812
Eagan	24,176,210	4,000,000	610,240	398,000		441,566		5,449,806	29,626,016
East Bethel	19,730,137	(498,383)				51,075		(447,308)	19,282,829
East Grand Forks	14,318,073	0	361,407			121,700		483,107	14,801,180
Eden Prairie	45,088,601	(6,002,162)	(6,002,162)		336,529			(11,667,794)	33,420,807
Edina	34,044,821	(2,046,531)			1,107,123	443,666		(495,742)	33,549,079
Elk River	23,764,000	(43,058)	599,835			300,052		856,830	24,620,830
Fairmont	24,846,689	(616,874)				51,256		(565,618)	24,281,071
Falcon Heights	2,616,703	(177,376)						(177,376)	2,439,327
Faribault	25,051,248	(531,259)	632,327			273,000		374,068	25,425,316
Farmington	16,156,615	(1,228,848)	(1,228,848)			83,865		(2,373,830)	13,782,785
Fergus Falls	22,395,558	(1,266,079)				94,773		(1,171,306)	21,224,252

Municipality	2003 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	Excess Balance Adjustment to Low Balance Incentive	(+ or -) Bond Account Adjustment	(+) Non-Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(+ or -) Individual Adjustments	Total Affect Of Adjustments	2004 Adjusted Construction Needs
Forest Lake	$21,867,451	($525,307)				$79,655		($445,652)	$21,421,799
Fridley	20,565,764	(789,138)				95,081		(694,057)	19,871,707
Glencoe	6,832,681	62,032	$172,466	$1,067,000				1,301,498	8,134,179
Golden Valley	18,973,898	(47,794)	478,927					431,133	19,405,031
Grand Rapids	13,873,952	(203,599)	350,197			67,855		214,453	14,088,405
Ham Lake	22,267,500	(1,366,216)				249,227		(1,116,989)	21,150,511
Hastings	12,058,889	(27,250)	304,383					277,133	12,336,022
Hermantown	12,057,628	76,784	304,351			211,100		592,234	12,649,862
Hibbing	41,334,235	(444,766)	1,043,332			196,525		795,091	42,129,326
Hopkins	9,597,059	(46,188)	242,243			1,000		197,055	9,794,114
Hugo	10,761,126	(799,033)				125,690		(673,343)	10,087,783
Hutchinson	14,083,048	(497,304)			$829,686	341,250		673,632	14,756,680
International Falls	7,098,728	(258,950)						(258,950)	6,839,778
Inver Grove Heights	22,692,024	(2,115,621)	(2,115,621)			530,332		(3,700,910)	18,991,114
Kasson	2,193,724	0						0	2,193,724
La Crescent	7,110,172	33,538	179,470					213,008	7,323,180
Lake City	6,083,790	117,412	153,563					270,975	6,354,765
Lake Elmo	5,573,413	(222,055)		1,080,000		82,400		940,345	6,513,758
Lakeville	47,203,025	4,000,000	1,191,468	4,404,000	959,382	2,964,176		13,519,026	60,722,051
Lino Lakes	17,698,681	(414,773)	446,738			197,296		229,262	17,927,943
Litchfield	9,088,903	(333,891)						(333,891)	8,755,012
Little Canada	11,560,350	(972,920)						(972,920)	10,587,430
Little Falls	16,483,192	(938,054)				600,352		(337,702)	16,145,490
Mahtomedi	5,505,061	(387,125)						(387,125)	5,117,936
Mankato	30,350,756	(677,939)	766,094			209,796		297,951	30,648,707
Maple Grove	54,356,055	2,180,519	1,372,020	430,000	6,492,546	3,365,409		13,840,493	68,196,548
Maplewood	33,157,971	1,851,171	836,952			54,771		2,742,894	35,900,865
Marshall	17,107,165	(1,490,608)	(1,490,608)			14,443	1,538,905	(1,427,868)	15,679,297
Mendota Heights	8,717,616	(455,410)				46,169		(409,241)	8,308,375
Minneapolis	307,980,893	(9,808,310)			1,918,503	4,851,172		(3,038,635)	304,942,258
Minnetonka	40,831,008	(856,190)	1,030,629			2,094,013		2,268,453	43,099,461
Montevideo	5,986,862	439,373	151,116			17,121		607,610	6,594,472
Monticello	6,568,757	(599,161)				149,510		(449,651)	6,119,106
Moorhead	33,921,907	(1,820,109)			1,149,085	442,089		(228,935)	33,692,972
Morris	4,360,546	429,861	110,066			10,500		550,427	4,910,973
Mound	9,008,914	(1,356,857)	(2,713,714)			1,309,579		(2,760,993)	6,247,921
Mounds View	9,468,614	(545,594)						(545,594)	8,923,020
New Brighton	10,195,005	17,209	257,336					274,545	10,469,550
New Hope	14,033,138	(921,449)				183,000		(738,449)	13,294,689
New Prague	4,074,046	(85,561)						(85,561)	3,988,485
New Ulm	19,429,109	(2,067,117)	(2,067,117)				(96,064)	(4,230,297)	15,198,812
North Branch	14,340,263	(508,004)		1,041,000				532,996	14,873,259
North Mankato	12,250,682	(324,745)	309,224	1,140,000				1,124,479	13,375,161
North St. Paul	11,652,329	(857,989)				66,391		(791,598)	10,860,731
Northfield	10,476,656	(383,508)						(383,508)	10,093,148
Oak Grove	19,888,011	(295,404)				61,513		(233,891)	19,654,120
Oakdale	8,908,443	1,858,665	224,861	96,024		664,083		2,843,633	11,752,076
Orono	12,373,873	(447,998)				41,351		(406,647)	11,967,226
Otsego	12,898,062	435,140	325,564			185,776		946,480	13,844,542
Owatonna	18,590,095	(427,901)	469,239			3,766		45,104	18,635,199

Municipality	2003 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	Excess Balance Adjustment to Low Balance Incentive	(+ or -) Bond Account Adjustment	(+) Non-Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(+ or -) Individual Adjustments	Total Affect Of Adjustments	2004 Adjusted Construction Needs
Plymouth	$49,523,216	($1,566,785)			$3,688,317	$202,411		2,323,943	$51,847,159
Prior Lake	15,232,433	1,318,718	384,487			281,658		1,984,863	17,217,296
Ramsey	24,871,536	0	627,791		357,631	92,648		1,078,070	25,949,606
Red Wing	23,163,080	1,685,585	584,667			774,553		3,044,805	26,207,885
Redwood Falls	8,107,543	213,039	204,645					417,685	8,525,228
Richfield	24,050,453	(703,338)	607,066			3,755,599		3,659,327	27,709,780
Robbinsdale	10,838,950	(1,827,500)	(3,654,999)				($1,531,502)	(7,014,001)	3,824,949
Rochester	60,640,067	275,854	1,530,637			2,956,452		4,762,942	65,403,009
Rogers	4,496,530	(123,652)						(123,652)	4,372,878
Rosemount	19,184,297	(856,433)		(615,000)		289,450		(1,181,983)	18,002,314
Roseville	22,238,891	(1,275,309)				368,730		(906,579)	21,332,312
Saint Anthony	6,050,942	22,766	152,734	855,000				1,030,500	7,081,442
Saint Cloud	51,403,742	(1,794,609)		(75,000)		2,322,404		452,795	51,856,537
Saint Francis	11,935,130	(47,536)	301,259					253,722	12,188,852
Saint Joseph	3,505,864	(121,269)						(121,269)	3,384,595
Saint Louis Park	31,194,772	(1,067,990)				521,530		(546,460)	30,648,312
Saint Michael	15,991,733	256,721	403,653			86,132		746,506	16,738,239
Saint Paul	229,022,432	(620,682)	5,780,834		1,423,977	13,359,639		19,943,768	248,966,200
Saint Paul Park	5,107,682	(1,116,413)	(1,116,413)					(2,232,826)	2,874,856
Saint Peter	14,385,584	(954,875)				26,182		(928,693)	13,456,891
Sartell	12,083,114	559,366	304,994	1,320,000		193,878		2,378,238	14,461,352
Sauk Rapids	15,109,771	(1,522,764)	(3,045,528)			37,569		(4,530,724)	10,579,047
Savage	16,190,755	340,000	408,676	1,663,110				2,411,786	18,602,541
Shakopee	22,438,673	2,122,233	566,382					2,688,615	25,127,288
Shoreview	9,394,588	1,857,177	237,132			25,232		2,119,541	11,514,129
Shorewood	5,788,007	(354,607)				30,274		(324,333)	5,463,674
South St. Paul	13,059,839	(851,032)						(851,032)	12,208,807
Spring Lake Park	2,558,610	(401,286)				188,005		(213,281)	2,345,329
Stewartville	4,145,313	(275,347)						(275,347)	3,869,966
Stillwater	11,636,914	(1,278,615)	(1,278,615)			19,061		(2,538,169)	9,098,745
Thief River Falls	18,346,891	(65,030)	463,100			90,089		488,159	18,835,050
Vadnais Heights	5,989,570	(190,520)	151,185					(39,335)	5,950,235
Victoria	2,198,120	0	0					0	2,198,120
Virginia	15,473,075	(502,777)						(502,777)	14,970,298
Waconia	4,819,240	(619,692)						(619,692)	4,199,548
Waite Park	3,529,545	(17,899)	89,090			229,481		300,673	3,830,218
Waseca	6,443,929	(724,770)						(724,770)	5,719,159
West St. Paul	9,130,158	(1,072,629)						(1,072,629)	8,057,529
White Bear Lake	14,096,524	246,004	355,815					601,819	14,698,343
Willmar	20,126,039	(1,908,634)	(1,908,634)			297,616		(3,519,653)	16,606,386
Winona	20,057,511	(2,028,649)	(2,028,649)			8,000		(4,049,299)	16,008,212
Woodbury	47,478,088	688,946	1,198,411	5,585,730	1,664,032	7,811,015		16,948,134	64,426,222
Worthington	11,515,931	(1,515,457)	(3,030,914)			491		(4,545,880)	6,970,051
STATE TOTAL	$2,976,211,182	($64,177,114)	$0	$22,697,006	$21,437,544	$79,933,058	($88,661)	$59,801,833	$3,036,013,015

TENTATIVE 2005 ADJUSTED CONSTRUCTION NEEDS APPORTIONMENT

Needs Value: $1,000 in construction needs = approximately $18.22 in apportionment

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Municipality	2004 Adjusted Construction Needs	Construction Needs Apportion-ment Minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2005 Construction Needs Apportion-ment	% Of Total Dist.
Albert Lea	$17,624,276	$321,076		$321,076	0.5791
Alexandria	17,866,725	325,493		325,493	0.5871
Andover	26,546,177	483,614		483,614	0.8722
Anoka	11,123,088	202,639		202,639	0.3655
Apple Valley	31,628,368	576,200		576,200	1.0392
Arden Hills	6,747,399	122,923		122,923	0.2217
Austin	31,081,031	566,229		566,229	1.0212
Baxter	8,627,619	157,177		157,177	0.2835
Belle Plaine	3,675,257	66,955		66,955	0.1208
Bemidji	11,283,471	205,560		205,560	0.3707
Big Lake	5,230,939	95,296		95,296	0.1719
Blaine	28,270,526	515,028		515,028	0.9289
Bloomington	99,128,009	1,805,897		1,805,897	3.2571
Brainerd	11,375,634	207,239	$6,192	213,431	0.3849
Brooklyn Center	18,466,668	336,423		336,423	0.6068
Brooklyn Park	27,653,917	503,794		503,794	0.9086
Buffalo	14,831,605	270,200		270,200	0.4873
Burnsville	45,641,519	831,489		831,489	1.4997
Cambridge	7,402,853	134,864	$13,392	148,256	0.2674
Champlin	9,157,340	166,827		166,827	0.3009
Chanhassen	4,022,527	73,282	4,320	77,602	0.1400
Chaska	11,965,074	217,978		217,978	0.3931
Chisholm	6,418,243	116,926		116,926	0.2109
Cloquet	16,894,147	307,775		307,775	0.5551
Columbia Heights	14,093,584	256,755		256,755	0.4631
Coon Rapids	34,714,386	632,421		632,421	1.1406
Corcoran	6,940,171	126,435		126,435	0.2280
Cottage Grove	30,170,862	549,648		549,648	0.9913
Crookston	18,337,131	334,063		334,063	0.6025
Crystal	15,597,992	284,162		284,162	0.5125
Detroit Lakes	9,950,011	181,268		181,268	0.3269
Duluth	123,195,812	2,244,360	70,056	2,314,416	4.1742
Eagan	29,626,016	539,722		539,722	0.9734
East Bethel	19,282,829	351,291		351,291	0.6336
East Grand Forks	14,801,180	269,645		269,645	0.4863
Eden Prairie	33,420,807	608,855		608,855	1.0981
Edina	33,549,079	611,191		611,191	1.1023
Elk River	24,620,830	448,538		448,538	0.8090
Fairmont	24,281,071	442,348		442,348	0.7978
Falcon Heights	2,439,327	44,439		44,439	0.0801
Faribault	25,425,316	463,194		463,194	0.8354
Farmington	13,782,785	251,092		251,092	0.4529
Fergus Falls	21,224,252	386,660	28,152	414,812	0.7481
Forest Lake	21,421,799	390,259		390,259	0.7039
Fridley	19,871,707	362,019		362,019	0.6529
Glencoe	8,134,179	148,187		148,187	0.2673
Golden Valley	19,405,031	353,518		353,518	0.6376
Grand Rapids	14,088,405	256,660		256,660	0.4629

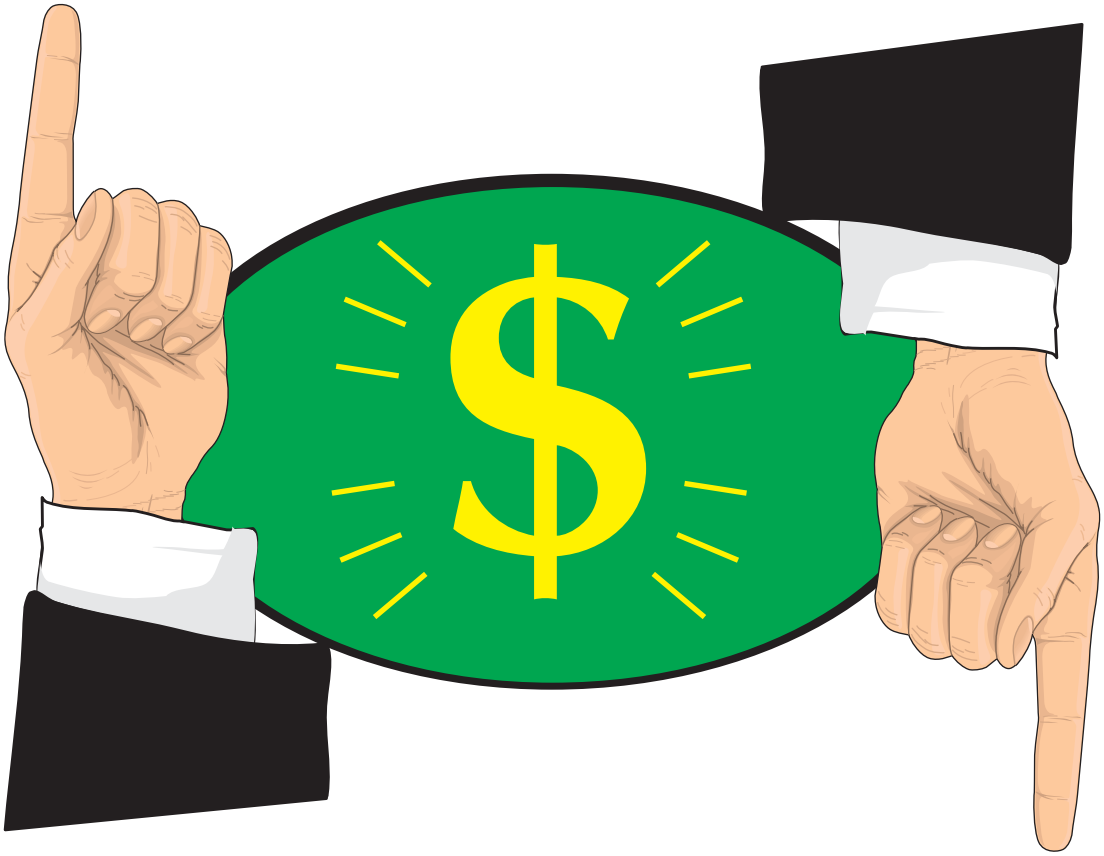
Municipality	2004 Adjusted Construction Needs	Construction Needs Apportion-ment Minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2005 Construction Needs Apportion-ment	% Of Total Dist.
Ham Lake	$21,150,511	$385,316		$385,316	0.6949
Hastings	12,336,022	224,736		224,736	0.4053
Hermantown	12,649,862	230,453		230,453	0.4156
Hibbing	42,129,326	767,505		767,505	1.3843
Hopkins	9,794,114	178,428		178,428	0.3218
Hugo	10,087,783	183,778		183,778	0.3315
Hutchinson	14,756,680	268,835		268,835	0.4849
International Falls	6,839,778	124,606		124,606	0.2247
Inver Grove Heights	18,991,114	345,977		345,977	0.6240
Kasson	2,193,724	39,965		39,965	0.0721
La Crescent	7,323,180	133,412		133,412	0.2406
Lake City	6,354,765	115,770		115,770	0.2088
Lake Elmo	6,513,758	118,667		118,667	0.2140
Lakeville	60,722,051	1,106,224		1,106,224	1.9952
Lino Lakes	17,927,943	326,608	$2,016	328,624	0.5927
Litchfield	8,755,012	159,497		159,497	0.2877
Little Canada	10,587,430	192,880		192,880	0.3479
Little Falls	16,145,490	294,136		294,136	0.5305
Mahtomedi	5,117,936	93,238		93,238	0.1682
Mankato	30,648,707	558,353		558,353	1.0070
Maple Grove	68,196,548	1,242,393		1,242,393	2.2408
Maplewood	35,900,865	654,036		654,036	1.1796
Marshall	15,679,297	285,643		285,643	0.5152
Mendota Heights	8,308,375	151,361		151,361	0.2730
Minneapolis	304,942,258	5,555,386		5,555,386	10.0196
Minnetonka	43,099,461	785,179		785,179	1.4161
Montevideo	6,594,472	120,137		120,137	0.2167
Monticello	6,119,106	111,477		111,477	0.2011
Moorhead	33,692,972	613,813		613,813	1.1071
Morris	4,910,973	89,467		89,467	0.1614
Mound	6,247,921	113,824		113,824	0.2053
Mounds View	8,923,020	162,558		162,558	0.2932
New Brighton	10,469,550	190,732		190,732	0.3440
New Hope	13,294,689	242,200		242,200	0.4368
New Prague	3,988,485	72,662		72,662	0.1311
New Ulm	15,198,812	276,889		276,889	0.4994
North Branch	14,873,259	270,959		270,959	0.4887
North Mankato	13,375,161	243,666		243,666	0.4395
North St. Paul	10,860,731	197,859		197,859	0.3569
Northfield	10,093,148	183,875		183,875	0.3316
Oak Grove	19,654,120	358,055		358,055	0.6458
Oakdale	11,752,076	214,097		214,097	0.3861
Orono	11,967,226	218,017		218,017	0.3932
Otsego	13,844,542	252,218		252,218	0.4549
Owatonna	18,635,199	339,493		339,493	0.6123
Plymouth	51,847,159	944,543		944,543	1.7036
Prior Lake	17,217,296	313,662		313,662	0.5657
Ramsey	25,949,606	472,746		472,746	0.8526
Red Wing	26,207,885	477,451		477,451	0.8611
Redwood Falls	8,525,228	155,311		155,311	0.2801
Richfield	27,709,780	504,812		504,812	0.9105
Robbinsdale	3,824,949	69,682		69,682	0.1257
Rochester	65,403,009	1,191,501		1,191,501	2.1490
Rogers	4,372,878	79,664		79,664	0.1437
Rosemount	18,002,314	327,963		327,963	0.5915
Roseville	21,332,312	388,628		388,628	0.7009

Municipality	2004 Adjusted Construction Needs	Construction Needs Apportion-ment Minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2005 Construction Needs Apportion-ment	% Of Total Dist.
Saint Anthony	$7,081,442	$129,009		$129,009	0.2327
Saint Cloud	51,856,537	944,714	$4,968	949,682	1.7128
Saint Francis	12,188,852	222,054		222,054	0.4005
Saint Joseph	3,384,595	61,660		61,660	0.1112
Saint Louis Park	30,648,312	558,346		558,346	1.0070
Saint Michael	16,738,239	304,934		304,934	0.5500
Saint Paul	248,966,200	4,535,624		4,535,624	8.1804
Saint Paul Park	2,874,856	52,374		52,374	0.0945
Saint Peter	13,456,891	245,155		245,155	0.4422
Sartell	14,461,352	263,454		263,454	0.4752
Sauk Rapids	10,579,047	192,727		192,727	0.3476
Savage	18,602,541	338,898		338,898	0.6112
Shakopee	25,127,288	457,765	6,624	464,389	0.8376
Shoreview	11,514,129	209,762		209,762	0.3783
Shorewood	5,463,674	99,536		99,536	0.1795
South St. Paul	12,208,807	222,418		222,418	0.4011
Spring Lake Park	2,345,329	42,727		42,727	0.0771
Stewartville	3,869,966	70,502		70,502	0.1272
Stillwater	9,098,745	165,759		165,759	0.2990
Thief River Falls	18,835,050	343,134		343,134	0.6189
Vadnais Heights	5,950,235	108,400		108,400	0.1955
Victoria	2,198,120	40,045		40,045	0.0722
Virginia	14,970,298	272,726	0	272,726	0.4919
Waconia	4,199,548	76,507		76,507	0.1380
Waite Park	3,830,218	69,778		69,778	0.1259
Waseca	5,719,159	104,191		104,191	0.1879
West St. Paul	8,057,529	146,791		146,791	0.2647
White Bear Lake	14,698,343	267,772		267,772	0.4829
Willmar	16,606,386	302,532		302,532	0.5456
Winona	16,008,212	291,635		291,635	0.5260
Woodbury	64,426,222	1,173,706		1,173,706	2.1169
Worthington	6,970,051	126,979		126,979	0.2290
STATE TOTAL	$3,036,013,015	$55,309,571	$135,720	$55,445,291	100.0000

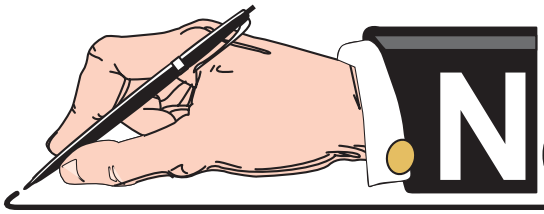
Construction Needs Apportionment = $55,309,571/ $3,036,013,015= 0.018218

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

Adjustments to the 25 Year



Construction Needs



NOTES and COMMENTS

UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

The unencumbered amount available as of December 31, 2004 will be used as a deduction from each city's total needs adjustment for the 2005 apportionment. The August 31, 2004 balance was used in this booklet for estimation purposes.

The total fund balance decreased by $52,873,457 between August 31, 2003 and December 31, 2003. The total fund balance decreased by $35,532,032 between August 31, 2003 and August 31, 2004. The August 31, 2004 unencumbered balance available includes the 2004 total construction apportionment amount of$84,550,941. Remaining bond principal owed have not been deducted from the unencumbered balance available.

Municipalities	Unencumbered Balance Available 12-31-2003	Unencumbered Balance Available 08-31-2004	Difference Between 08-31-04 and 12-31-2003	Percentage of Total Amount in 8-31-04 Account	Ratio bet Balance & City's 2004 Construction Allotment
Albert Lea	333,765	**648,737**	$314,972	1.011	1.359
Alexandria	38,479	**(242,511)**	(280,990)	(0.378)	(0.830)
Andover	1,212,531	**1,526,681**	314,150	2.379	2.294
Anoka	343,576	**700,875**	357,299	1.092	1.834
Apple Valley	1,578,390	**405,164**	(1,173,226)	0.631	0.310
Arden Hills	248,209	**453,525**	205,316	0.707	2.283
Austin	912,914	**1,434,175**	521,261	2.235	1.628
Baxter	307,253	**540,289**	233,036	0.842	2.318
Belle Plaine	0	**0**	0	0.000	0.000
Bemidji	(75,964)	**(125,569)**	(49,605)	(0.196)	(0.416)
Big Lake	0	**167,410**	167,410	0.000	1.000
Blaine	(641,931)	**293,732**	935,663	0.458	0.300
Bloomington	2,151,138	**2,456,751**	305,613	3.828	1.178
Brainerd	0	**0**	0	0.000	0.000
Brooklyn Center	375,733	**278,448**	(97,285)	0.434	0.392
Brooklyn Park	(1,262,592)	**(841,728)**	420,864	(1.312)	(0.679)
Buffalo	566,168	**911,235**	345,067	1.420	2.641
Burnsville	(1,041,705)	**190,924**	1,232,629	0.297	0.148
Cambridge	0	**45,000**	45,000	0.070	0.233
Champlin	0	**398,135**	398,135	0.620	0.975
Chanhassen	2,296,803	**2,698,083**	401,280	4.204	**6.724**
Chaska	0	**0**	0	0.000	0.000
Chisholm	595,607	**721,829**	126,222	1.125	**4.937**
Cloquet	700,498	**861,482**	160,984	1.342	2.642
Columbia Heights	(61,662)	**0**	61,662	0.000	0.000
Coon Rapids	(535,076)	**277,166**	812,242	0.432	0.174
Corcoran	226,015	**372,834**	146,819	0.581	2.539
Cottage Grove	0	**1,041,117**	1,041,117	1.622	1.000
Crookston	1,170,601	**1,028,836**	(141,765)	1.603	2.875
Crystal	723,876	**57,932**	(665,944)	0.090	0.138
Detroit Lakes	716,061	**356,489**	(359,572)	0.555	1.619
Duluth	0	**471,681**	471,681	0.735	0.189
Eagan	0	**(4,000,000)**	(4,000,000)	(6.233)	(2.726)
East Bethel	55,506	**498,383**	442,877	0.777	1.110
East Grand Forks	(89,462)	**0**	89,462	0.000	0.000
Eden Prairie	4,394,717	**6,002,162**	1,607,445	9.352	**3.734**
Edina	1,346,008	**2,046,531**	700,523	3.189	1.966
Elk River	(549,542)	**43,058**	592,600	0.067	0.061

Municipalities	Unencumbered Balance Available 12-31-2003	Unencumbered Balance Available 08-31-2004	Difference Between 08-31-04 and 12-31-2003	Percentage of Total Amount in 8-31-04 Account	Ratio bet Balance & City's 2004 Construction Allotment
Fairmont	0	**616,874**	$616,874	0.961	1.000
Falcon Heights	91,226	**177,376**	86,150	0.276	2.144
Faribault	0	**531,259**	531,259	0.828	0.851
Farmington	839,996	**1,228,848**	388,852	1.915	**3.160**
Fergus Falls	811,554	**1,266,079**	454,525	1.973	2.785
Forest Lake	63,398	**525,307**	461,909	0.819	1.065
Fridley	274,118	**789,138**	515,020	1.230	1.532
Glencoe	(214,218)	**(62,032)**	152,186	(0.097)	(0.408)
Golden Valley	666,268	**47,794**	(618,474)	0.074	0.094
Grand Rapids	(25,320)	**203,599**	228,919	0.317	0.771
Ham Lake	779,883	**1,366,216**	586,333	2.129	2.330
Hastings	(274,101)	**27,250**	301,351	0.042	0.067
Hermantown	819,106	**(76,784)**	(895,890)	(0.120)	(0.273)
Hibbing	(286,277)	**444,766**	731,043	0.693	0.565
Hopkins	0	**46,188**	46,188	0.072	0.130
Hugo	561,539	**799,033**	237,494	1.245	**3.364**
Hutchinson	0	**497,304**	497,304	0.775	1.000
International Falls	170,795	**258,950**	88,155	0.403	1.147
Inver Grove Heights	1,433,918	**2,115,621**	681,703	3.297	**3.103**
Kasson	0	**0**	0	0.000	0.000
La Crescent	188,421	**(33,538)**	(221,959)	(0.052)	(0.184)
Lake City	276,292	**(117,412)**	(393,704)	(0.183)	(0.815)
Lake Elmo	63,316	**222,055**	158,739	0.346	1.421
Lakeville	(1,446,110)	**(4,000,000)**	(2,553,890)	(6.233)	(2.667)
Lino Lakes	958,854	**414,773**	(544,081)	0.646	0.869
Litchfield	881,258	**333,891**	(547,367)	0.520	2.013
Little Canada	785,619	**972,920**	187,301	1.516	**3.517**
Little Falls	526,608	**938,054**	411,446	1.462	2.280
Mahtomedi	172,474	**387,125**	214,651	0.603	1.804
Mankato	0	**677,939**	677,939	1.056	0.826
Maple Grove	(877,724)	**(2,180,519)**	(1,302,795)	(3.398)	(1.422)
Maplewood	(854,146)	**(1,851,171)**	(997,025)	(2.884)	(2.148)
Marshall	1,538,905	**1,490,608**	(48,297)	2.323	**3.502**
Mendota Heights	189,968	**455,410**	265,442	0.710	1.716
Minneapolis	6,836,930	**9,808,310**	2,971,380	15.283	1.259
Minnetonka	0	**856,190**	856,190	1.334	0.541
Montevideo	0	**(439,373)**	(439,373)	(0.685)	(2.455)
Monticello	381,619	**599,161**	217,542	0.934	2.754
Moorhead	1,822,157	**1,820,109**	(2,048)	2.836	1.817
Morris	(401,133)	**(429,861)**	(28,728)	(0.670)	(2.844)
Mound	1,129,632	**1,356,857**	227,225	2.114	**5.971**
Mounds View	260,587	**545,594**	285,007	0.850	1.914
New Brighton	(131,136)	**(17,209)**	113,927	(0.027)	(0.041)
New Hope	474,963	**921,449**	446,486	1.436	2.064
New Prague	0	**85,561**	85,561	0.133	1.000
New Ulm	1,550,914	**2,067,117**	516,203	3.221	**4.004**
North Branch	0	**508,004**	508,004	0.792	1.614
North Mankato	114,399	**324,745**	210,346	0.506	0.963
North St. Paul	598,115	**857,989**	259,874	1.337	**3.302**
Northfield	7,797	**383,508**	375,711	0.598	1.021
Oak Grove	0	**295,404**	295,404	0.460	1.000
Oakdale	(1,000,000)	**(1,858,665)**	(858,665)	(2.896)	(3.892)
Orono	159,971	**447,998**	288,027	0.698	1.555
Otsego	(750,000)	**(435,140)**	314,860	(0.678)	(1.378)
Owatonna	0	**427,901**	427,901	0.667	0.614

Municipalities	Unencumbered Balance Available 12-31-2003	Unencumbered Balance Available 08-31-2004	Difference Between 08-31-04 and 12-31-2003	Percentage of Total Amount in 8-31-04 Account	Ratio bet Balance & City's 2004 Construction Allotment
Plymouth	3,318	**1,566,785**	$1,563,467	2.441	1.001
Prior Lake	(101,844)	**(1,318,718)**	(1,216,874)	(2.055)	(3.055)
Ramsey	1,957,091	**0**	(1,957,091)	0.000	0.000
Red Wing	(1,000,000)	**(1,685,585)**	(685,585)	(2.626)	(3.609)
Redwood Falls	(402,846)	**(213,039)**	189,807	(0.332)	(1.122)
Richfield	218,921	**703,338**	484,417	1.096	0.887
Robbinsdale	1,502,146	**1,827,500**	325,354	2.848	**5.848**
Rochester	600,044	**(275,854)**	(875,898)	(0.430)	(0.116)
Rogers	0	**123,652**	123,652	0.193	1.000
Rosemount	0	**856,433**	856,433	1.334	1.415
Roseville	642,722	**1,275,309**	632,587	1.987	1.763
St. Anthony	(152,954)	**(22,766)**	130,188	(0.035)	(0.114)
St. Cloud	353,122	**1,794,609**	1,441,487	2.796	1.201
St. Francis	(167,433)	**47,536**	214,969	0.074	0.221
St. Joseph	0	**121,269**	121,269	0.189	1.000
St. Louis Park	576,068	**1,067,990**	491,922	1.664	1.251
St. Michael	(639,052)	**(256,721)**	382,331	(0.400)	(0.671)
St. Paul	0	**620,682**	620,682	0.967	0.102
St. Paul Park	986,399	**1,116,413**	130,014	1.740	**8.587**
St. Peter	851,067	**954,875**	103,808	1.488	2.345
Sartell	(1,285,451)	**(559,366)**	726,085	(0.872)	(1.455)
Sauk Rapids	1,227,471	**1,522,764**	295,293	2.373	**3.800**
Savage	(68,846)	**(340,000)**	(271,154)	(0.530)	(0.545)
Shakopee	0	**(2,122,233)**	(2,122,233)	(3.307)	(4.002)
Shoreview	(750,000)	**(1,857,177)**	(1,107,177)	(2.894)	(3.128)
Shorewood	541,535	**354,607**	(186,928)	0.553	1.771
South St. Paul	513,276	**851,032**	337,756	1.326	2.010
Spring Lake Park	279,786	**401,286**	121,500	0.625	**3.303**
Stewartville	149,034	**275,347**	126,313	0.429	2.180
Stillwater	926,057	**1,278,615**	352,558	1.992	**3.627**
Thief River Falls	91,476	**65,030**	(26,446)	0.101	0.179
Vadnais Heights	14,463	**190,520**	176,057	0.297	0.776
Victoria	0	**0**	0	0.000	0.000
Virginia	831,832	**502,777**	(329,055)	0.783	1.661
Waconia	432,603	**619,692**	187,089	0.966	**3.224**
Waite Park	(175,616)	**17,899**	193,515	0.028	0.092
Waseca	523,229	**724,770**	201,541	1.129	**3.596**
West St. Paul	710,161	**1,072,629**	362,468	1.671	2.959
White Bear Lake	(344,097)	**(246,004)**	98,093	(0.383)	(0.488)
Willmar	1,336,156	**1,908,634**	572,478	2.974	**3.845**
Winona	1,463,064	**2,028,649**	565,585	3.161	**3.587**
Woodbury	(1,235,612)	**(688,946)**	546,666	(1.074)	(0.535)
Worthington	1,222,050	**1,515,457**	293,407	2.361	**5.165**
TOTAL	**46,835,689**	**$64,177,114**	**$17,341,425**	100.0000	0.7590

Excess Unencumbered Construction Fund Balance Adjustment

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.

Low Balance Incentive

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

The August 31, 2004 balance is used for this estimate. The final adjustment will be made using the December 31, 2004 construction fund balances.

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EXCESS BALANCE ADJUSTMENT REDISTRIBUTED AS LOW BALANCE INCENTIVE

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Municipalities	January 2004 Construction Allotment	Unencumbered Amount Available (8/31/04)	Ratio bet Balance & City's 2004 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	2003 Actual 25-Year Construction Needs	Low Balance Incentive Factor	Low Balance Incentive
Albert Lea	$477,336	$648,737	1.359						
Alexandria	292,041	(242,511)	(0.830)				$17,190,308	0.0117	$433,906
Andover	665,513	1,526,681	2.294						
Anoka	382,169	700,875	1.834						
Apple Valley	1,307,337	405,164	0.310				30,556,187	0.0208	771,279
Arden Hills	198,655	453,525	2.283						
Austin	880,674	1,434,175	1.628						
Baxter	233,036	540,289	2.318						
Belle Plaine	0	0	0.000						No Adjustment
Bemidji	302,155	(125,569)	(0.416)				10,613,676	0.0072	267,903
Big Lake	167,410	167,410	1.000						
Blaine	977,656	293,732	0.300				27,304,786	0.0186	689,209
Bloomington	2,084,747	2,456,751	1.178						
Brainerd	355,181	0	0.000				10,483,869	0.0071	264,627
Brooklyn Center	710,126	278,448	0.392				14,691,253	0.0100	370,827
Brooklyn Park	1,239,772	(841,728)	(0.679)				25,444,103	0.0173	642,243
Buffalo	345,067	911,235	2.641						
Burnsville	1,290,438	190,924	0.148				44,310,252	0.0302	1,118,450
Cambridge	193,151	45,000	0.233				6,917,114	0.0047	174,597
Champlin	408,340	398,135	0.975				9,190,226	0.0063	231,974
Chanhassen	401,280	2,698,083	6.724	2004	2	($5,396,165)			
Chaska	398,751	0	0.000				11,262,201	0.0077	284,273
Chisholm	146,222	721,829	4.937			No Adjustment			
Cloquet	326,128	861,482	2.642						
Columbia Heights	358,907	0	0.000				13,643,377	0.0093	344,377
Coon Rapids	1,592,764	277,166	0.174				32,210,134	0.0219	813,027
Corcoran	146,819	372,834	2.539						
Cottage Grove	1,041,117	1,041,117	1.000						
Crookston	357,870	1,028,836	2.875						
Crystal	420,552	57,932	0.138				14,364,734	0.0098	362,585
Detroit Lakes	220,219	356,489	1.619						
Duluth	2,501,560	471,681	0.189				120,124,486	0.0818	3,032,103
Eagan	1,467,451	(4,000,000)	(2.726)				24,176,210	0.0165	610,240
East Bethel	449,066	498,383	1.110						
East Grand Forks	285,596	0	0.000				14,318,073	0.0097	361,407
Eden Prairie	1,607,445	6,002,162	3.734	2005	1	(6,002,162)			
Edina	1,041,118	2,046,531	1.966						
Elk River	711,349	43,058	0.061				23,764,000	0.0162	599,835

Municipalities	January 2004 Construction Allotment	Unencumbered Amount Available (8/31/04)	Ratio bet Balance & City's 2004 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	2003 Actual 25-Year Construction Needs	Low Balance Incentive Factor	Low Balance Incentive
Fairmont	$616,874	$616,874	1.000						
Falcon Heights	82,744	177,376	2.144						
Faribault	624,404	531,259	0.851				$25,051,248	0.0171	$632,327
Farmington	388,852	1,228,848	3.160	2005	1	($1,228,848)			
Fergus Falls	454,525	1,266,079	2.785						
Forest Lake	493,029	525,307	1.065						
Fridley	515,020	789,138	1.532						
Glencoe	152,186	(62,032)	(0.408)				6,832,681	0.0047	172,466
Golden Valley	508,909	47,794	0.094				18,973,898	0.0129	478,927
Grand Rapids	264,216	203,599	0.771				13,873,952	0.0094	350,197
Ham Lake	586,333	1,366,216	2.330						
Hastings	409,237	27,250	0.067				12,058,889	0.0082	304,383
Hermantown	280,863	(76,784)	(0.273)				12,057,628	0.0082	304,351
Hibbing	787,018	444,766	0.565				41,334,235	0.0281	1,043,332
Hopkins	354,850	46,188	0.130				9,597,059	0.0065	242,243
Hugo	237,494	799,033	3.364			No Adjustment			
Hutchinson	497,304	497,304	1.000						
International Falls	225,832	258,950	1.147						
Inver Grove Heights	681,703	2,115,621	3.103	2005	1	(2,115,621)			
Kasson	0	0	0.000						No Adjustment
La Crescent	182,094	(33,538)	(0.184)				7,110,172	0.0048	179,470
Lake City	143,981	(117,412)	(0.815)				6,083,790	0.0041	153,563
Lake Elmo	156,321	222,055	1.421						
Lakeville	1,500,053	(4,000,000)	(2.667)				47,203,025	0.0321	1,191,468
Lino Lakes	477,254	414,773	0.869				17,698,681	0.0120	446,738
Litchfield	165,847	333,891	2.013						
Little Canada	276,636	972,920	3.517			No Adjustment			
Little Falls	411,446	938,054	2.280						
Mahtomedi	214,651	387,125	1.804						
Mankato	821,095	677,939	0.826				30,350,756	0.0207	766,094
Maple Grove	1,533,589	(2,180,519)	(1.422)				54,356,055	0.0370	1,372,020
Maplewood	861,659	(1,851,171)	(2.148)				33,157,971	0.0226	836,952
Marshall	425,664	1,490,608	3.502	2005	1	(1,490,608)			
Mendota Heights	265,442	455,410	1.716						
Minneapolis	7,791,456	9,808,310	1.259						
Minnetonka	1,582,026	856,190	0.541				40,831,008	0.0278	1,030,629
Montevideo	178,976	(439,373)	(2.455)				5,986,862	0.0041	151,116
Monticello	217,542	599,161	2.754						
Moorhead	1,001,712	1,820,109	1.817						
Morris	151,123	(429,861)	(2.844)				4,360,546	0.0030	110,066
Mound	227,225	1,356,857	5.971	2004	2	(2,713,714)			

Municipalities	January 2004 Construction Allotment	Unencumbered Amount Available (8/31/04)	Ratio bet Balance & City's 2004 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	2003 Actual 25-Year Construction Needs	Low Balance Incentive Factor	Low Balance Incentive
Mounds View	$285,007	$545,594	1.914						
New Brighton	416,527	(17,209)	(0.041)				$10,195,005	0.0069	$257,336
New Hope	446,486	921,449	2.064						
New Prague	85,561	85,561	1.000						
New Ulm	516,203	2,067,117	4.004	2005	1	($2,067,117)			
North Branch	314,693	508,004	1.614						
North Mankato	337,269	324,745	0.963				12,250,682	0.0083	309,224
North St. Paul	259,874	857,989	3.302			No Adjustment			
Northfield	375,711	383,508	1.021						
Oak Grove	295,404	295,404	1.000						
Oakdale	477,503	(1,858,665)	(3.892)				8,908,443	0.0061	224,861
Orono	288,027	447,998	1.555						
Otsego	315,860	(435,140)	(1.378)				12,898,062	0.0088	325,564
Owatonna	696,591	427,901	0.614				18,590,095	0.0127	469,239
Plymouth	1,564,813	1,566,785	1.001						
Prior Lake	431,664	(1,318,718)	(3.055)				15,232,433	0.0104	384,487
Ramsey	480,574	0	0.000				24,871,536	0.0169	627,791
Red Wing	467,031	(1,685,585)	(3.609)				23,163,080	0.0158	584,667
Redwood Falls	189,807	(213,039)	(1.122)				8,107,543	0.0055	204,645
Richfield	792,724	703,338	0.887				24,050,453	0.0164	607,066
Robbinsdale	312,480	1,827,500	5.848	2004	2	(3,654,999)			
Rochester	2,380,052	(275,854)	(0.116)				60,640,067	0.0413	1,530,637
Rogers	123,652	123,652	1.000						
Rosemount	605,054	856,433	1.415						
Roseville	723,199	1,275,309	1.763						
Saint Anthony	200,188	(22,766)	(0.114)				6,050,942	0.0041	152,734
Saint Cloud	1,494,139	1,794,609	1.201						
Saint Francis	214,969	47,536	0.221				11,935,130	0.0081	301,259
Saint Joseph	121,269	121,269	1.000						
Saint Louis Park	853,852	1,067,990	1.251						
Saint Michael	382,331	(256,721)	(0.671)				15,991,733	0.0109	403,653
Saint Paul	6,069,556	620,682	0.102				229,022,432	0.1559	5,780,834
Saint Paul Park	130,014	1,116,413	8.587	2005	1	(1,116,413)			
Saint Peter	407,225	954,875	2.345						
Sartell	384,443	(559,366)	(1.455)				12,083,114	0.0082	304,994
Sauk Rapids	400,714	1,522,764	3.800	2004	2	(3,045,528)			
Savage	623,520	(340,000)	(0.545)				16,190,755	0.0110	408,676
Shakopee	530,248	(2,122,233)	(4.002)				22,438,673	0.0153	566,382
Shoreview	593,649	(1,857,177)	(3.128)				9,394,588	0.0064	237,132
Shorewood	200,209	354,607	1.771						
South Saint Paul	423,449	851,032	2.010						

Municipalities	January 2004 Construction Allotment	Unencumbered Amount Available (8/31/04)	Ratio bet Balance & City's 2004 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	2003 Actual 25-Year Construction Needs	Low Balance Incentive Factor	Low Balance Incentive
Spring Lake Park	$121,500	$401,286	3.303			No Adjustment			
Stewartville	126,313	275,347	2.180						
Stillwater	352,558	1,278,615	3.627	2005	1	($1,278,615)			
Thief River Falls	362,321	65,030	0.179				$18,346,891	0.0125	$463,100
Vadnais Heights	245,643	190,520	0.776				5,989,570	0.0041	151,185
Victoria	0	0	0.000						No Adjustment
Virginia	302,784	502,777	1.661						
Waconia	192,196	619,692	3.224			No Adjustment			
Waite Park	193,515	17,899	0.092				3,529,545	0.0024	89,090
Waseca	201,541	724,770	3.596			No Adjustment			
West Saint Paul	362,468	1,072,629	2.959						
White Bear Lake	504,355	(246,004)	(0.488)				14,096,524	0.0096	355,815
Willmar	496,345	1,908,634	3.845	2005	1	(1,908,634)			
Winona	565,585	2,028,649	3.587	2005	1	(2,028,649)			
Woodbury	1,286,666	(688,946)	(0.535)				47,478,088	0.0323	1,198,411
Worthington	293,407	1,515,457	5.165	2004	2	(3,030,914)			
TOTAL	**$84,550,941**	**$64,177,114**				**($37,077,988)**	**$1,468,938,829**	**1.0000**	**$37,077,988**

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

For the Fall 2004 Municipal Screening Board Meeting

FOR THE OCTOBER 2003 ESTIMATE OF THE JANUARY 2004 ALLOCATION

Fifteen cities with over three times their January 2003 construction allotment in their September 1, 2003 account balance had $26,033,093 in needs redistributed to 60 cities with less than one times their allotment in their account.

Six cities had over three times their January 2003 construction allotment as their September 1 account balance, but received no adjustment because the balance was less than $1 million.

FOR THE ACTUAL JANUARY 2004 ALLOCATION

Seven cities with over three times their January 2003 construction allotment in their December 31, 2003 account balance had $10,874,098 in needs redistributed to 81 cities with less than one times their allotment in their account.

Three cities had over three times their January 2003 construction allotment as their December 31, 2003 account balance, but received no adjustment because the balance was less than $1 million.

This is a redistribution of 0.38% of the $2.8 billion in needs.

Needs were valued at $19.08 per $1000 in needs, so this is a redistribution of $207,478 in actual dollars from 7 cities to 81 cities.

FOR THE OCTOBER 2004 ESTIMATE OF THE JANUARY 2005 ALLOCATION

Fourteen cities with over three times their January 2004 construction allotment in their September 1, 2004 account balance had $37,077,988 in needs redistributed to 60 cities with less than one times their allotment in their account.

Seven cities had over three times their January 2004 construction allotment as their September 1 account balance, but received no adjustment because the balance was less than $1 million.

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UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 2003)

(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.

October 2004 Book\Bond Account Adjustment 2004 (Bond Account Adj. Old Method).xls

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	$580,000		**$580,000**
Cambridge	8-01-94	650,000	641,142	8,858	* 365,000		**356,142**
Cloquet	12-01-93	835,000	835,000	0	0		**0**
Maple Grove	11-01-94	3,620,000	3,620,000	0	430,000		**430,000**
Oakdale	11-23-93	887,640	887,640	0	96,024		**96,024**
Rosemount	7-05-94	700,000	0	700,000	85,000		**(615,000)**
Saint Cloud	11-01-92	1,940,000	1,755,000	185,000	110,000		**(75,000)**
TOTAL		**$10,362,640**	**$9,468,782**	**$893,858**	**$1,666,024**	**$0**	**$772,166**

* Overhead costs

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 2003)

(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.

October 2004 Book\Bond Account Adjustment 2004 (Bond Account Adj. New Method).xls 16-Sep-04

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	$2,239,118	$515,882	$2,340,000		2001	80%	**$2,204,000**
Brooklyn Center	12-01-98	1,945,000	1,945,000	0	845,000		1999	60%	**1,167,000**
Eagan	12-01-96	995,000	205,078	789,922	0		1997	40%	**398,000**
Glencoe	08-01-98	155,000	0	$155,000	0		1999	60%	**93,000**
Glencoe	06-01-03	974,000	0	$974,000	926,000		2003	100%	**974,000**
Lake Elmo	10-01-01	1,080,000	1,080,000	$0	950,000		2003	100%	**1,080,000**
Lakeville	08-21-00	4,290,000	0	$4,290,000	4,055,000		2001	80%	**3,432,000**
Lakeville	12-01-01	1,080,000	0	$1,080,000	995,000		2002	90%	**972,000**
North Branch	10-23-00	320,000	161,790	$158,210	125,000		2001	80%	**256,000**
North Branch	8-01-02	785,000	0	$785,000	745,000		2003	100%	**785,000**
North Mankato	08-01-98	1,900,000	1,900,000	0	1,410,000		1999	60%	**1,140,000**
St. Anthony	07-01-00	950,000	0	950,000	810,000		2002	90%	**855,000**
Sartell	07-24-00	1,650,000	1,650,000	0	1,395,000		2001	80%	**1,320,000**
Savage	06-17-96	717,775	8,051	709,724	482,775		1997	40%	**287,110**
Savage	10-01-97	820,000	820,000	0	640,000		2001	80%	**656,000**
Savage	04-02-00	800,000	0	800,000	690,000		2002	90%	**720,000**
Woodbury*	07-20-01	4,589,700	0	4,589,700	4,464,700		2002	90%	**4,130,730**
Woodbury	06-01-02	1,455,000	1,425,000	30,000	960,000		2003	100%	**1,455,000**
TOTAL		**$27,261,475**	**$11,434,037**	**$15,827,438**	**$21,833,475**				**$21,924,840**

* Woodbury 's adjustment is for use of the Transportation Revolving Loan Fund

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:

"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.

N:\msas\excel\2004\October 2004 book\Non Existing Bridge Adjustment for 2005 apport.xls 16-Sep-04

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	$1,263,411		$192,724	$1,070,687	**$0**
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**
Saint Paul	288-003	62598	2005	2019		MSAS, Local	281,122	1,142,855	**1,423,977**
Woodbury	108		1996	2010			253,835	1,410,197	**1,664,032**
TOTAL					**$1,263,411**		**$3,664,318**	**$19,036,638**	**$21,437,544**

PROJECT LISTING OF RIGHT-OF-WAY ACQUISITION

Acquired in 2003

EXCEL\2004\October 2004 Book\Right of Way Projects 2003 for 2005.xls

MUNICIPALITY	PROJECT	PROJECT AMOUNT	TOTAL ADJUSTMENT
Apple Valley	186-104-018	$22,837	**$22,837**
Baxter	230-105-001	468,225	**468,225**
Bloomingtion	107-385-014	(729,900)	
	107-385-017	379,942	
	107-385-020	466,981	
	107-399-028	783,033	
	107-415-022	2,500,000	**3,400,057**
Brainerd	108-124-006	59,919	**59,919**
Cottage Grove	180-112-008	201,133	**201,133**
Duluth	118-160-020	93,248	**93,248**
Eagan	195-120-002	24,612	**24,612**
East Bethel	203-101-006	11,000	
	203-111-002	13,375	
	203-113-002	1,500	**25,875**
Edina	120-136-019	28,566	**28,566**
Forest Lake	214-102-001	6,839	**6,839**
Grand Rapids	129-112-008	61,419	**61,419**
Ham Lake	197-126-001	19,066	**19,066**
Lino Lakes	210-116-002	145,744	**145,744**
Little Falls	136-130-002	102,622	
	136-131-001	128,047	**230,669**
Maple Grove	Local Funds	342,000	**342,000**
Mendota Heights	140-106-003	37,199	**37,199**
Oak Grove	223-109-002	(67,781)	**(67,781)**
Otsego	217-102-004	23,042	**23,042**
Red Wing	156-125-011	316,515	
	156-128-006	320	**316,836**
Richfield	157-361-023	1,244,206	
	157-050-026	(176,796)	**1,067,410**
Rosemount	208-104-003	289,450	**289,450**
Sartell	220-113-001	72,294	**72,294**
St. Paul	164-288-002	874,596	
	164-288-003	162,850	**1,037,446**
Waite Park	221-108-001	199,203	**199,203**
Winona	176-108-011	500	**500**
			$8,105,808

NEEDS ADJUSTMENT FOR RIGHT-OF-WAY ACQUISITION

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

MSAS\EXCEL\2004\OCTOBER 2004 BOOK\Right of Way Adjustment 2004.xls 16-Sep-04

MUNICIPALITY	1988-2002 RIGHT-OF-WAY EXPENDITURES	+	2003 RIGHT-OF-WAY EXPENDITURES	-	1988 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2005 APPORTIONMENT
Albert Lea	**$6,827**		--		--		**$6,827**
Alexandria	**--**		--		--		**--**
Andover	**152,490**		--		--		**152,490**
Anoka	**192,181**		--		--		**192,181**
Apple Valley	**103,229**		$22,837		--		**126,066**
Arden Hills	**--**		--		--		**--**
Austin	**301,895**		--		--		**301,895**
Baxter	**--**		468,225		--		**468,225**
Belle Plaine	**--**		--		--		**--**
Bemidji	**276,323**		--		--		**276,323**
Big Lake	**--**		--		--		**--**
Blaine	**570,263**		--		--		**570,263**
Bloomington	**11,468,001**		3,400,057		--		**14,868,058**
Brainerd	**567,219**		59,919		--		**627,138**
Brooklyn Center	**2,539,911**		--		($23,875)		**2,516,036**
Brooklyn Park	**725,843**		--		--		**725,843**
Buffalo	**--**		--		--		**--**
Burnsville	**863,599**		--		(459,859)		**403,740**
Cambridge	**--**		--		--		**--**
Champlin	**133,275**		--		--		**133,275**
Chanhassen	**65,000**		--		--		**65,000**
Chaska	**9,901**		--		--		**9,901**
Chisholm	**--**		--		--		**--**
Cloquet	**--**		--		--		**--**
Columbia Heights	**105,830**		--		--		**105,830**
Coon Rapids	**924,120**		--		(6,160)		**917,960**
Corcoran	**25,058**		--		--		**25,058**
Cottage Grove	**458,865**		201,133		--		**659,998**
Crookston	**--**		--		--		**--**
Crystal	**928,605**		--		--		**928,605**
Detroit Lakes	**--**		--		--		**--**
Duluth	**417,655**		93,248		--		**510,903**
Eagan	**416,954**		24,612		--		**441,566**
East Bethel	**25,200**		25,875		--		**51,075**
East Grand Forks	**121,700**		--		--		**121,700**
Eden Prairie	**--**		--		--		**--**
Edina	**415,100**		28,566		--		**443,666**
Elk River	**300,052**		--		--		**300,052**
Fairmont	**73,163**		--		(21,907)		**51,256**
Falcon Heights	**--**		--		--		**--**
Faribault	**273,000**		--		--		**273,000**

MUNICIPALITY	1988-2002 RIGHT-OF-WAY EXPENDITURES	+	2003 RIGHT-OF-WAY EXPENDITURES	-	1988 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2005 APPORTIONMENT
Farmington	**$83,865**		--		--		**$83,865**
Fergus Falls	**94,773**		--				**94,773**
Forest Lake	**72,816**		$6,839		--		**79,655**
Fridley	**95,081**		--		--		**95,081**
Glencoe	**--**		--		--		**--**
Golden Valley	**--**		--				**--**
Grand Rapids	**6,436**		61,419		--		**67,855**
Ham Lake	**230,161**		19,066		--		**249,227**
Hastings	**--**		--		--		**--**
Hermantown	**211,100**		--		--		**211,100**
Hibbing	**196,525**		--				**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**
Kasson	**--**		--		--		**--**
La Crescent	**--**		--		--		**--**
Lake City	**--**		--		--		**--**
Lake Elmo	**87,245**		--		($4,845)		**82,400**
Lakeville	**2,964,176**		--		--		**2,964,176**
Lino Lakes	**51,552**		145,744				**197,296**
Litchfield	**--**		--		--		**--**
Little Canada	**--**		--		--		**--**
Little Falls	**412,999**		230,669		(43,316)		**600,352**
Mahtomedi	**--**		--		--		**--**
Mankato	**209,796**		--		--		**209,796**
Maple Grove	**3,023,409**		342,000		--		**3,365,409**
Maplewood	**54,771**		--		--		**54,771**
Marshall	**14,443**		--		--		**14,443**
Mendota Heights	**8,970**		37,199		--		**46,169**
Minneapolis	**4,851,172**		--		--		**4,851,172**
Minnetonka	**2,094,013**		--		--		**2,094,013**
Montevideo	**17,121**		--		--		**17,121**
Monticello	**149,510**		--		--		**149,510**
Moorhead	**484,589**		--		(42,500)		**442,089**
Morris	**10,500**		--				**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**		--		(24,744)		**66,391**
Northfield	**--**		--		--		**--**
Oak Grove	**129,294**		(67,781)		--		**61,513**
Oakdale	**664,083**		--		--		**664,083**

MUNICIPALITY	1988-2002 RIGHT-OF-WAY EXPENDITURES	+	2003 RIGHT-OF-WAY EXPENDITURES	-	1988 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2005 APPORTIONMENT
Orono	**$41,351**		--		--		**$41,351**
Otsego	**162,734**		$23,042		--		**185,776**
Owatonna	**3,766**		--		--		**3,766**
Plymouth	**202,411**		--		--		**202,411**
Prior Lake	**281,658**		--		--		**281,658**
Ramsey	**98,548**		--		($5,900)		**92,648**
Red Wing	**457,717**		316,836		--		**774,553**
Redwood Falls	**--**		--		--		**--**
Richfield	**2,688,189**		1,067,410		--		**3,755,599**
Robbinsdale	**--**		--		--		**--**
Rochester	**2,956,452**		--		--		**2,956,452**
Rogers	**--**		--		--		**--**
Rosemount	**--**		289,450		--		**289,450**
Roseville	**368,730**		--		--		**368,730**
Saint Anthony	**--**		--		--		**--**
Saint Cloud	**2,322,404**		--		--		**2,322,404**
Saint Francis	**--**		--		--		**--**
Saint Joseph	**--**		--		--		**--**
Saint Louis Park	**521,530**		--		--		**521,530**
Saint Michael	**86,132**		--		--		**86,132**
Saint Paul	**12,343,085**		1,037,446		(20,892)		**13,359,639**
Saint Paul Park	**--**		--		--		**--**
Saint Peter	**26,182**		--		--		**26,182**
Sartell	**121,584**		72,294		--		**193,878**
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	**90,089**		--		--		**90,089**
Vadnais Heights	**--**		--		--		**--**
Victoria	**--**		--		--		**--**
Virginia	**--**		--		--		**--**
Waconia	**--**		--		--		**--**
Waite Park	**30,278**		199,203		--		**229,481**
Waseca	**--**		--		--		**--**
West St. Paul	**--**		--		--		**--**
White Bear Lake	**102,250**		--		(102,250)		**--**
Willmar	**297,616**		--		--		**297,616**
Winona	**7,500**		500		--		**8,000**
Woodbury	**7,811,015**		--		--		**7,811,015**
Worthington	**491**		--		--		**491**
TOTAL	**$72,583,498**		**$8,105,808**		**($756,248)**		**$79,933,058**

Individual Adjustments

Marshall for Excess Balance Adjustment

Marshall received an excess balance adjustment of $1,538,905 in Needs to their January 2004 allocation. This adjustment is for having more than 3 times their January 2003 construction allotment in their account as of December 31, 2003.
Marshall submitted the payment request for the projects before December 31, 2003, but it wasn't applied to their account until January 6, 2004.
It was administratively decided that this negative adjustment was inappropriately applied.
Therefore, Marshall will receive a $1,538,905 positive adjustment to their Needs this year.

Individual Adjustments

New Ulm for Low Balance Incentive

The January 31, 2003 construction fund balance for New Ulm was computed as being $0. It should have been $1,550,914. This means that their ratio between their balance and allotment went from 0% to 2.96%.
All cities with a ratio of less than 1% receive a positive adjustment called the Low Balance Incentive. New Ulm incorrectly received a positive adjustment to its Needs last year of $96,064.
Therefore, New Ulm will receive a $96,064 negative adjustment to their Needs this year.

October 1, 1999
Revised October, 2001
December, 26 2001
December, 2002
September 4, 2003
August 27, 2004

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	2005 NEEDS ADJUSTMENT
Robbinsdale	158-416-010	0.74 miles	$1,531,502
Total		**0.74 miles**	**$1,531,502**

Robbinsdale's 2005 needs adjustment will be $1,531,502.

TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE

The following tabulation shows the Trunk Highway Turnback Maintenance allowance for the 2005 Apportionment. All turnbacks eligible for maintenance payments are included in this tabulation as of December 31, 2003. 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 2003.

Turnback Maintenance Allowance 2005.xls 16-Sep-04

Msas Route No.	Date of Release	Project Number	Plan Approved	Miles Eligible for TB Funding	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**	**108-113-003**	**Yes**	**1.45**	**0.96**	**0.49**	**01-02**	**3,528**	
				1.82	0.96	0.86		$6,192	**$6,192**
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	0.00	0.13	0.82	2-1-96	5,904	
				16.40	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**		
					0.00	**0.92**		**6,624**	**6,624**
Virginia									
225 (TH 135)	**6-1-96**		**Yes**	**2.50**	**2.50**	**0.00**	**08-96**	**0**	**0**
TOTAL				**31.59**	**12.74**	**18.85**			**$135,720**

October 20, 2004

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

Dear Commissioner Molnau:

We, the undersigned, as members of the 2004 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 2005 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

Mike Metso **Duluth** **Chair**	**Maria Hagen** **St. Louis Park** **Vice Chair**	**Stephen Gaetz** **St. Cloud** **Secretary**
John Suihkonen **Hibbing** **District 1**	**Dave Kildahl** **Crookston, T R Falls** **District 2**	**Bret Weiss** **Monticello** **District 3**
Jeff Kuhn **Morris** **District 4**	**Craig Gray** **Anoka** **Metro West**	**Jeff Johnson** **Owatonna** **District 6**
Tim Loose **St. Peter** **District 7**	**Dave Berryman** **Montevideo** **District 8**	**Chuck Ahl** **Maplewood** **Metro East**
Mike Metso **Duluth**	**Klara Fabry** **Minneapolis**	**Paul Kurtz** **Saint Paul**

Attachment: Money Needs Listing

2005 ADJUSTED CONSTRUCTION NEEDS RECOMMENDATIONS

Based on the 2004 Needs Study

The Needs for Belle Plaine, Kasson, and Victoria are based upon estimated mileage and the lowest cost per mile of any other city

N:\MSAS\EXCEL\2004\OCTOBER 2004 BOOK\2004 Adjusted Construction Needs Recommendations.xls ***16-Sep-04***

Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction Needs
Albert Lea	$17,624,276	Forest Lake	$21,421,799
Alexandria	17,866,725	Fridley	19,871,707
Andover	26,546,177	Glencoe	8,134,179
Anoka	11,123,088	Golden Valley	19,405,031
Apple Valley	31,628,368	Grand Rapids	14,088,405
Arden Hills	6,747,399	Ham Lake	21,150,511
Austin	31,081,031	Hastings	12,336,022
Baxter	8,627,619	Hermantown	12,649,862
Belle Plaine	3,675,257	Hibbing	42,129,326
Bemidji	11,283,471	Hopkins	9,794,114
Big Lake	5,230,939	Hugo	10,087,783
Blaine	28,270,526	Hutchinson	14,756,680
Bloomington	99,128,009	International Falls	6,839,778
Brainerd	11,375,634	Inver Grove Heights	18,991,114
Brooklyn Center	18,466,668	Kasson	2,193,724
Brooklyn Park	27,653,917	La Crescent	7,323,180
Buffalo	14,831,605	Lake City	6,354,765
Burnsville	45,641,519	Lake Elmo	6,513,758
Cambridge	7,402,853	Lakeville	60,722,051
Champlin	9,157,340	Lino Lakes	17,927,943
Chanhassen	4,022,527	Litchfield	8,755,012
Chaska	11,965,074	Little Canada	10,587,430
Chisholm	6,418,243	Little Falls	16,145,490
Cloquet	16,894,147	Mahtomedi	5,117,936
Columbia Heights	14,093,584	Mankato	30,648,707
Coon Rapids	34,714,386	Maple Grove	68,196,548
Corcoran	6,940,171	Maplewood	35,900,865
Cottage Grove	30,170,862	Marshall	15,679,297
Crookston	18,337,131	Mendota Heights	8,308,375
Crystal	15,597,992	Minneapolis	304,942,258
Detroit Lakes	9,950,011	Minnetonka	43,099,461
Duluth	123,195,812	Montevideo	6,594,472
Eagan	29,626,016	Monticello	6,119,106
East Bethel	19,282,829	Moorhead	33,692,972
East Grand Forks	14,801,180	Morris	4,910,973
Eden Prairie	33,420,807	Mound	6,247,921
Edina	33,549,079	Mounds View	8,923,020
Elk River	24,620,830	New Brighton	10,469,550
Fairmont	24,281,071	New Hope	13,294,689
Falcon Heights	2,439,327	New Prague	3,988,485
Faribault	25,425,316	New Ulm	15,198,812
Farmington	13,782,785	North Branch	14,873,259
Fergus Falls	21,224,252	North Mankato	13,375,161

Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction Needs
North St. Paul	$10,860,731	St. Paul Park	$2,874,856
Northfield	10,093,148	St. Peter	13,456,891
Oak Grove	19,654,120	Sartell	14,461,352
Oakdale	11,752,076	Sauk Rapids	10,579,047
Orono	11,967,226	Savage	18,602,541
Otsego	13,844,542	Shakopee	25,127,288
Owatonna	18,635,199	Shoreview	11,514,129
Plymouth	51,847,159	Shorewood	5,463,674
Prior Lake	17,217,296	South St. Paul	12,208,807
Ramsey	25,949,606	Spring Lake Park	2,345,329
Red Wing	26,207,885	Stewartville	3,869,966
Redwood Falls	8,525,228	Stillwater	9,098,745
Richfield	27,709,780	Thief River Falls	18,835,050
Robbinsdale	3,824,949	Vadnais Heights	5,950,235
Rochester	65,403,009	Victoria	2,198,120
Rogers	4,372,878	Virginia	14,970,298
Rosemount	18,002,314	Waconia	4,199,548
Roseville	21,332,312	Waite Park	3,830,218
St. Anthony	7,081,442	Waseca	5,719,159
St. Cloud	51,856,537	West St. Paul	8,057,529
Saint Francis	12,188,852	White Bear Lake	14,698,343
St. Joseph	3,384,595	Willmar	16,606,386
St. Louis Park	30,648,312	Winona	16,008,212
St. Michael	16,738,239	Woodbury	64,426,222
St. Paul	248,966,200	Worthington	6,970,051
		STATE TOTAL	$3,036,013,015

THEORETICAL 2005 M.S.A.S. TOTAL APPORTIONMENT

The following tabulation shows each municipality's tentative construction (money) needs and population apportionment amounts for 2005. The tentative apportionment shown in this summary is for informational purposes only. The actual revenue will be announced in January 2005, when the Commissioner of Transportation determines the annual allotments.

Theoretical 2005 APPT.xls 16-Sep-04

Municipality	Tentative 2005 Apportionment using the 2000 Census or the 2003 Estimate	Tentative Construction Needs Apportionment	Theoretical 2005 Total Apportionment	Distribution Percentage
Albert Lea	$295,812	$321,076	$616,888	0.5563
Alexandria	163,723	325,493	489,216	0.4412
Andover	466,107	483,614	949,721	0.8564
Anoka	294,347	202,639	496,986	0.4482
Apple Valley	779,846	576,200	1,356,046	1.2229
Arden Hills	155,460	122,923	278,383	0.2510
Austin	381,483	566,229	947,712	0.8546
Baxter	105,723	157,177	262,900	0.2371
Belle Plaine	80,565	66,955	147,520	0.1330
Bemidji	205,487	205,560	411,047	0.3707
Big Lake	124,133	95,296	219,429	0.1979
Blaine	804,714	515,028	1,319,742	1.1901
Bloomington	1,373,903	1,805,897	3,179,800	2.8675
Brainerd	221,948	213,431	435,379	0.3926
Brooklyn Center	469,892	336,423	806,315	0.7271
Brooklyn Park	1,106,760	503,794	1,610,554	1.4524
Buffalo	195,211	270,200	465,411	0.4197
Burnsville	988,216	831,489	1,819,705	1.6410
Cambridge	101,568	148,256	249,824	0.2253
Champlin	369,242	166,827	536,069	0.4834
Chanhassen	347,901	77,602	425,503	0.3837
Chaska	326,318	217,978	544,296	0.4908
Chisholm	80,533	116,926	197,459	0.1781
Cloquet	185,209	307,775	492,984	0.4446
Columbia Heights	301,160	256,755	557,915	0.5031
Coon Rapids	1,003,356	632,421	1,635,777	1.4751
Corcoran	94,223	126,435	220,658	0.1990
Cottage Grove	506,341	549,648	1,055,989	0.9523
Crookston	131,945	334,063	466,008	0.4202
Crystal	370,643	284,162	654,805	0.5905
Detroit Lakes	124,326	181,268	305,594	0.2756
Duluth	1,390,299	2,314,416	3,704,715	3.3409
Eagan	1,046,522	539,722	1,586,244	1.4305
East Bethel	180,876	351,291	532,167	0.4799
East Grand Forks	122,667	269,645	392,312	0.3538
Eden Prairie	955,520	608,855	1,564,375	1.4107
Edina	775,626	611,191	1,386,817	1.2506
Elk River	302,126	448,538	750,664	0.6769
Fairmont	175,384	442,348	617,732	0.5571
Falcon Heights	89,858	44,439	134,297	0.1211
Faribault	354,940	463,194	818,134	0.7378

Municipality	Tentative 2005 Apportionment using the 2000 Census or the 2003 Estimate	Tentative Construction Needs Apportionment	Theoretical 2005 Total Apportionment	Distribution Percentage
Farmington	$250,440	$251,092	$501,532	0.4523
Fergus Falls	221,980	414,812	636,792	0.5743
Forest Lake	252,744	390,259	643,003	0.5799
Fridley	442,607	362,019	804,626	0.7256
Glencoe	90,728	148,187	238,915	0.2155
Golden Valley	333,985	353,518	687,503	0.6200
Grand Rapids	132,605	256,660	389,265	0.3510
Ham Lake	226,039	385,316	611,355	0.5513
Hastings	318,619	224,736	543,355	0.4900
Hermantown	134,264	230,453	364,717	0.3289
Hibbing	274,955	767,505	1,042,460	0.9401
Hopkins	284,167	178,428	462,595	0.4172
Hugo	134,892	183,778	318,670	0.2874
Hutchinson	218,163	268,835	486,998	0.4392
International Falls	108,026	124,606	232,632	0.2098
Inver Grove Heights	500,156	345,977	846,133	0.7630
Kasson	81,451	39,965	121,416	0.1095
La Crescent	81,692	133,412	215,104	0.1940
Lake City	84,817	115,770	200,587	0.1809
Lake Elmo	123,473	118,667	242,140	0.2184
Lakeville	765,431	1,106,224	1,871,655	1.6878
Lino Lakes	295,845	328,624	624,469	0.5631
Litchfield	108,494	159,497	267,991	0.2417
Little Canada	159,294	192,880	352,174	0.3176
Little Falls	132,460	294,136	426,596	0.3847
Mahtomedi	129,658	93,238	222,896	0.2010
Mankato	545,109	558,353	1,103,462	0.9951
Maple Grove	890,337	1,242,393	2,132,730	1.9233
Maplewood	576,018	654,036	1,230,054	1.1093
Marshall	205,970	285,643	491,613	0.4433
Mendota Heights	187,399	151,361	338,760	0.3055
Minneapolis	6,162,648	5,555,386	11,718,034	10.5672
Minnetonka	832,031	785,179	1,617,210	1.4584
Montevideo	87,748	120,137	207,885	0.1875
Monticello	157,457	111,477	268,934	0.2425
Moorhead	527,006	613,813	1,140,819	1.0288
Morris	83,947	89,467	173,414	0.1564
Mound	155,106	113,824	268,930	0.2425
Mounds View	207,210	162,558	369,768	0.3335
New Brighton	359,691	190,732	550,423	0.4964
New Hope	336,755	242,200	578,955	0.5221
New Prague	86,830	72,662	159,492	0.1438
New Ulm	222,238	276,889	499,127	0.4501
North Branch	151,385	270,959	422,344	0.3809
North Mankato	200,188	243,666	443,854	0.4003
North St. Paul	197,675	197,859	395,534	0.3567
Northfield	294,041	183,875	477,916	0.4310
Oak Grove	117,417	358,055	475,472	0.4288
Oakdale	444,621	214,097	658,718	0.5940
Orono	123,811	218,017	341,828	0.3083
Otsego	150,693	252,218	402,911	0.3633

Municipality	Tentative 2005 Apportionment using the 2000 Census or the 2003 Estimate	Tentative Construction Needs Apportionment	Theoretical 2005 Total Apportionment	Distribution Percentage
Owatonna	$376,555	$339,493	$716,048	0.6457
Plymouth	1,131,290	944,543	2,075,833	1.8720
Prior Lake	316,687	313,662	630,349	0.5684
Ramsey	309,374	472,746	782,120	0.7053
Red Wing	260,781	477,451	738,232	0.6657
Redwood Falls	87,926	155,311	243,237	0.2193
Richfield	555,707	504,812	1,060,519	0.9564
Robbinsdale	227,472	69,682	297,154	0.2680
Rochester	1,498,503	1,191,501	2,690,004	2.4258
Rogers	89,874	79,664	169,538	0.1529
Rosemount	270,493	327,963	598,456	0.5397
Roseville	548,910	388,628	937,538	0.8455
St. Anthony	130,495	129,009	259,504	0.2340
St. Cloud	1,012,295	949,682	1,961,977	1.7693
St. Francis	99,490	222,054	321,544	0.2900
St. Joseph	82,449	61,660	144,109	0.1300
St. Louis Park	723,119	558,346	1,281,465	1.1556
St. Michael	198,803	304,934	503,737	0.4543
St. Paul	4,632,302	4,535,624	9,167,926	8.2675
St. Paul Park	81,660	52,374	134,034	0.1209
St. Peter	164,448	245,155	409,603	0.3694
Sartell	186,562	263,454	450,016	0.4058
Sauk Rapids	188,285	192,727	381,012	0.3436
Savage	379,631	338,898	718,529	0.6480
Shakopee	402,132	464,389	866,521	0.7814
Shoreview	426,420	209,762	636,182	0.5737
Shorewood	122,329	99,536	221,865	0.2001
South St. Paul	327,027	222,418	549,445	0.4955
Spring Lake Park	110,056	42,727	152,783	0.1378
Stewartville	91,002	70,502	161,504	0.1456
Stillwater	268,544	165,759	434,303	0.3917
Thief River Falls	136,712	343,134	479,846	0.4327
Vadnais Heights	213,734	108,400	322,134	0.2905
Victoria	83,722	40,045	123,767	0.1116
Virginia	147,487	272,726	420,213	0.3789
Waconia	129,142	76,507	205,649	0.1855
Waite Park	107,849	69,778	177,627	0.1602
Waseca	155,976	104,191	260,167	0.2346
West St. Paul	316,574	146,791	463,365	0.4179
White Bear Lake	401,198	267,772	668,970	0.6033
Willmar	299,533	302,532	602,065	0.5429
Winona	435,988	291,635	727,623	0.6562
Woodbury	794,520	1,173,706	1,968,226	1.7749
Worthington	182,005	126,979	308,984	0.2786
TOTAL	**$55,445,290**	**$55,445,291**	**$110,890,581**	100.0000

COMPARISON OF THE 2004 TO 2005 ESTIMATED APPORTIONMENT

N:\MSAS\Excel\OCTOBER 2004 Book\Comparison fo the 2004 to 2005 Estimated Apportionment 9/16/2004

Municipality	2004 Total Apportionment	2005 Estimated Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	$636,448	$616,888	($19,560)	(3.0733)
Alexandria	389,388	489,216	99,828	25.6372
Andover	950,733	949,721	(1,012)	(0.1064)
Anoka	509,559	496,986	(12,573)	(2.4674)
Apple Valley	1,389,757	1,356,046	(33,711)	(2.4257)
Arden Hills	264,873	278,383	13,510	5.1006
Austin	972,029	947,712	(24,317)	(2.5017)
Baxter	250,646	262,900	12,254	4.8890
Belle Plaine	0	147,520	147,520	N/A
Bemidji	402,874	411,047	8,173	2.0287
Big Lake	223,214	219,429	(3,785)	(1.6957)
Blaine	1,303,542	1,319,742	16,200	1.2428
Bloomington	3,207,303	3,179,800	(27,503)	(0.8575)
Brainerd	379,121	435,379	56,258	14.8391
Brooklyn Center	827,976	806,315	(21,661)	(2.6161)
Brooklyn Park	1,653,029	1,610,554	(42,475)	(2.5695)
Buffalo	460,089	465,411	5,322	1.1567
Burnsville	1,720,584	1,819,705	99,121	5.7609
Cambridge	253,768	249,824	(3,944)	(1.5542)
Champlin	544,454	536,069	(8,385)	(1.5401)
Chanhassen	539,360	425,503	(113,857)	(21.1096)
Chaska	531,668	544,296	12,628	2.3752
Chisholm	194,963	197,459	2,496	1.2802
Cloquet	501,736	492,984	(8,752)	(1.7443)
Columbia Heights	552,164	557,915	5,751	1.0415
Coon Rapids	1,654,534	1,635,777	(18,757)	(1.1337)
Corcoran	225,876	220,658	(5,218)	(2.3101)
Cottage Grove	1,079,037	1,055,989	(23,048)	(2.1360)
Crookston	477,160	466,008	(11,152)	(2.3372)
Crystal	647,003	654,805	7,802	1.2059
Detroit Lakes	293,625	305,594	11,969	4.0763
Duluth	3,643,713	3,704,715	61,002	1.6742
Eagan	1,534,396	1,586,244	51,848	3.3790
East Bethel	598,755	532,167	(66,588)	(11.1211)
East Grand Forks	380,795	392,312	11,517	3.0245
Eden Prairie	1,671,885	1,564,375	(107,510)	(6.4305)
Edina	1,388,158	1,386,817	(1,341)	(0.0966)
Elk River	747,319	750,664	3,345	0.4476
Fairmont	645,464	617,732	(27,732)	(4.2964)
Falcon Heights	127,298	134,297	6,999	5.4981
Faribault	832,539	818,134	(14,405)	(1.7302)
Farmington	518,470	501,532	(16,938)	(3.2669)
Fergus Falls	634,186	636,792	2,606	0.4109
Forest Lake	657,372	643,003	(14,369)	(2.1858)
Fridley	686,694	804,626	117,932	17.1739
Glencoe	234,133	238,915	4,782	2.0424
Golden Valley	678,545	687,503	8,958	1.3202
Grand Rapids	352,288	389,265	36,977	10.4962

Municipality	2004 Total Apportionment	2005 Estimated Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Ham Lake	$619,798	$611,355	($8,443)	(1.3622)
Hastings	545,650	543,355	(2,295)	(0.4206)
Hermantown	345,863	364,717	18,854	5.4513
Hibbing	1,049,358	1,042,460	(6,898)	(0.6574)
Hopkins	473,133	462,595	(10,538)	(2.2273)
Hugo	316,659	318,670	2,011	0.6351
Hutchinson	521,349	486,998	(34,351)	(6.5889)
International Falls	237,922	232,632	(5,290)	(2.2234)
Inver Grove Heights	908,938	846,133	(62,805)	(6.9097)
Kasson	0	121,416	121,416	N/A
La Crescent	190,584	215,104	24,520	12.8657
Lake City	191,975	200,587	8,612	4.4860
Lake Elmo	212,656	242,140	29,484	13.8646
Lakeville	1,809,653	1,871,655	62,002	3.4262
Lino Lakes	638,355	624,469	(13,886)	(2.1753)
Litchfield	255,149	267,991	12,842	5.0331
Little Canada	368,848	352,174	(16,674)	(4.5206)
Little Falls	432,896	426,596	(6,300)	(1.4553)
Mahtomedi	227,416	222,896	(4,520)	(1.9875)
Mankato	1,094,794	1,103,462	8,668	0.7917
Maple Grove	2,044,786	2,132,730	87,944	4.3009
Maplewood	1,230,942	1,230,054	(888)	(0.0721)
Marshall	447,144	491,613	44,469	9.9451
Mendota Heights	353,923	338,760	(15,163)	(4.2843)
Minneapolis	11,986,856	11,718,034	(268,822)	(2.2426)
Minnetonka	1,651,791	1,617,210	(34,581)	(2.0935)
Montevideo	191,351	207,885	16,534	8.6407
Monticello	290,056	268,934	(21,122)	(7.2820)
Moorhead	1,152,312	1,140,819	(11,493)	(0.9974)
Morris	201,497	173,414	(28,083)	(13.9372)
Mound	302,967	268,930	(34,037)	(11.2346)
Mounds View	380,009	369,768	(10,241)	(2.6949)
New Brighton	555,370	550,423	(4,947)	(0.8908)
New Hope	595,315	578,955	(16,360)	(2.7481)
New Prague	114,081	159,492	45,411	39.8059
New Ulm	536,798	499,127	(37,671)	(7.0177)
North Branch	419,590	422,344	2,754	0.6564
North Mankato	453,257	443,854	(9,403)	(2.0745)
North St. Paul	346,499	395,534	49,035	14.1516
Northfield	500,948	477,916	(23,032)	(4.5977)
Oak Grove	393,872	475,472	81,600	20.7174
Oakdale	640,516	658,718	18,202	2.8418
Orono	384,036	341,828	(42,208)	(10.9906)
Otsego	421,147	402,911	(18,236)	(4.3301)
Owatonna	723,801	716,048	(7,753)	(1.0712)
Plymouth	2,086,418	2,075,833	(10,585)	(0.5073)
Prior Lake	575,552	630,349	54,797	9.5208
Ramsey	590,574	782,120	191,546	32.4339
Red Wing	718,510	738,232	19,722	2.7448
Redwood Falls	253,076	243,237	(9,839)	(3.8878)
Richfield	1,056,966	1,060,519	3,553	0.3362
Robbinsdale	326,685	297,154	(29,531)	(9.0396)
Rochester	2,644,502	2,690,004	45,502	1.7206

Municipality	2004 Total Apportionment	2005 Estimated Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Rogers	$164,870	$169,538	$4,668	2.8313
Rosemount	633,354	598,456	(34,898)	(5.5100)
Roseville	964,265	937,538	(26,727)	(2.7717)
St. Anthony	266,918	259,504	(7,414)	(2.7776)
St. Cloud	1,992,186	1,961,977	(30,209)	(1.5164)
St. Francis	286,626	321,544	34,918	12.1824
St. Joseph	125,724	144,109	18,385	14.6233
St. Louis Park	1,313,619	1,281,465	(32,154)	(2.4477)
St. Michael	509,775	503,737	(6,038)	(1.1844)
St. Paul	9,337,779	9,167,926	(169,853)	(1.8190)
St. Paul Park	173,352	134,034	(39,318)	(22.6810)
St. Peter	427,310	409,603	(17,707)	(4.1438)
Sartell	471,758	450,016	(21,742)	(4.6087)
Sauk Rapids	418,519	381,012	(37,507)	(8.9618)
Savage	743,726	718,529	(25,197)	(3.3879)
Shakopee	707,411	866,521	159,110	22.4919
Shoreview	619,059	636,182	17,123	2.7660
Shorewood	266,945	221,865	(45,080)	(16.8874)
South St. Paul	564,599	549,445	(15,154)	(2.6840)
Spring Lake Park	162,000	152,783	(9,217)	(5.6895)
Stewartville	168,417	161,504	(6,913)	(4.1047)
Stillwater	470,078	434,303	(35,775)	(7.6104)
Thief River Falls	483,095	479,846	(3,249)	(0.6725)
Vadnais Heights	327,524	322,134	(5,390)	(1.6457)
Victoria	0	123,767	123,767	N/A
Virginia	421,712	420,213	(1,499)	(0.3555)
Waconia	200,356	205,649	5,293	2.6418
Waite Park	201,600	177,627	(23,973)	(11.8914)
Waseca	268,722	260,167	(8,555)	(3.1836)
West St. Paul	482,468	463,365	(19,103)	(3.9594)
White Bear Lake	672,473	668,970	(3,503)	(0.5209)
Willmar	661,794	602,065	(59,729)	(9.0253)
Winona	754,114	727,623	(26,491)	(3.5129)
Woodbury	1,894,360	1,968,226	73,866	3.8993
Worthington	353,407	308,984	(44,423)	(12.5699)
TOTAL	**$110,890,581**	**$110,890,581**	**$0**	**0.0000**

TENTATIVE 2005 APPORTIONMENT RANKINGS

Rankings are from highest apportionment per Needs mile to lowest. Bridges in some cities increases the costs.
Belle Plaine's, Kasson's, and Victoria's mileages are not certified

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

Municipality	2004 Total Needs Mileage	2005 Tentative Population Apportionment Per Need Mile
HOPKINS	9.34	$30,425
MINNEAPOLIS	203.06	30,349
ST PAUL	165.28	28,027
FALCON HEIGHTS	3.29	27,312
NEW HOPE	12.70	26,516
VADNAIS HEIGHTS	8.32	25,689
WASECA	6.35	24,563
NEW BRIGHTON	14.92	24,108
COLUMBIA HEIGHTS	12.53	24,035
COON RAPIDS	41.85	23,975
NORTHFIELD	12.36	23,790
WEST ST PAUL	13.54	23,381
WACONIA	5.53	23,353
ANOKA	12.64	23,287
ST LOUIS PARK	31.09	23,259
ST ANTHONY	5.63	23,179
OAKDALE	19.40	22,919
STEWARTVILLE	3.99	22,808
EAGAN	46.15	22,677
ROBBINSDALE	10.11	22,500
ROCHESTER	66.65	22,483
RICHFIELD	25.08	22,157
BURNSVILLE	44.76	22,078
BROOKLYN PARK	50.38	21,968
BROOKLYN CENTER	21.40	21,958
APPLE VALLEY	35.67	21,863
SHOREVIEW	19.52	21,845
EDEN PRAIRIE	45.40	21,047
INVER GROVE HEIGHTS	23.86	20,962
CHAMPLIN	17.64	20,932
CRYSTAL	17.88	20,729
OWATONNA	18.19	20,701
CHASKA	15.77	20,692

Municipality	2004 Total Needs Mileage	2005 Tentative Money Needs Apportionment Per Need Mile
CROOKSTON	11.67	$28,626
ST PAUL	165.28	27,442
MINNEAPOLIS	203.06	27,358
MAPLE GROVE	50.49	24,607
BLOOMINGTON	75.33	23,973
WOODBURY	49.32	23,798
LA CRESCENT	5.64	23,655
ST ANTHONY	5.63	22,915
THIEF RIVER FALLS	15.23	22,530
FAIRMONT	19.70	22,454
ST FRANCIS	10.62	20,909
GLENCOE	7.17	20,668
MOORHEAD	29.75	20,632
DULUTH	112.94	20,492
COLUMBIA HEIGHTS	12.53	20,491
FARIBAULT	22.80	20,316
MAPLEWOOD	32.32	20,236
RICHFIELD	25.08	20,128
RED WING	23.82	20,044
AUSTIN	28.62	19,784
LAKEVILLE	55.93	19,779
GRAND RAPIDS	13.24	19,385
HOPKINS	9.34	19,104
NEW HOPE	12.70	19,071
REDWOOD FALLS	8.20	18,940
ALEXANDRIA	17.34	18,771
OWATONNA	18.19	18,664
BURNSVILLE	44.76	18,577
BUFFALO	14.64	18,456
LITTLE CANADA	10.54	18,300
MARSHALL	15.64	18,264
LITCHFIELD	8.77	18,187
FARMINGTON	13.85	18,129

Municipality	2004 Total Needs Mileage	2005 Tentative Total Apportionment Per Need Mile
MINNEAPOLIS	203.06	$57,707
ST PAUL	165.28	55,469
HOPKINS	9.34	49,528
ST ANTHONY	5.63	46,093
NEW HOPE	12.70	45,587
COLUMBIA HEIGHTS	12.53	44,526
RICHFIELD	25.08	42,285
MAPLE GROVE	50.49	42,241
BLOOMINGTON	75.33	42,212
ST LOUIS PARK	31.09	41,218
WASECA	6.35	40,971
FALCON HEIGHTS	3.29	40,820
BURNSVILLE	44.76	40,655
STEWARTVILLE	3.99	40,477
ROCHESTER	66.65	40,360
CROOKSTON	11.67	39,932
WOODBURY	49.32	39,907
OWATONNA	18.19	39,365
ANOKA	12.64	39,319
COON RAPIDS	41.85	39,087
VADNAIS HEIGHTS	8.32	38,718
NORTHFIELD	12.36	38,666
MOORHEAD	29.75	38,347
LA CRESCENT	5.64	38,139
MAPLEWOOD	32.32	38,059
APPLE VALLEY	35.67	38,016
PLYMOUTH	54.93	37,791
BROOKLYN CENTER	21.40	37,678
WACONIA	5.53	37,188
NEW BRIGHTON	14.92	36,892
ARDEN HILLS	7.55	36,872
CRYSTAL	17.88	36,622
FARMINGTON	13.85	36,212

Municipality	2004 Total Needs Mileage	2005 Tentative Population Apportionment Per Need Mile
PLYMOUTH	54.93	$20,595
ARDEN HILLS	7.55	20,591
BLAINE	40.52	19,860
WHITE BEAR LAKE	20.35	19,715
WINONA	22.29	19,560
SOUTH ST PAUL	16.82	19,443
FRIDLEY	22.87	19,353
MOUND	8.05	19,268
EDINA	40.27	19,261
ROSEVILLE	28.70	19,126
SPRING LAKE PARK	5.82	18,910
BLOOMINGTON	75.33	18,238
FARMINGTON	13.85	18,082
PRIOR LAKE	17.58	18,014
MAPLEWOOD	32.32	17,822
MOORHEAD	29.75	17,714
MAPLE GROVE	50.49	17,634
WAITE PARK	6.12	17,622
MONTICELLO	9.04	17,418
STILLWATER	15.45	17,381
NORTH ST PAUL	11.40	17,340
ST JOSEPH	4.78	17,249
ST CLOUD	60.01	16,869
VICTORIA	5.00	16,744
MINNETONKA	49.89	16,677
HASTINGS	19.11	16,673
ST PAUL PARK	4.92	16,598
MOUNDS VIEW	12.51	16,564
MANKATO	33.27	16,384
NEW PRAGUE	5.31	16,352
BIG LAKE	7.60	16,333
KASSON	4.99	16,323
WOODBURY	49.32	16,109
WORTHINGTON	11.39	15,979
SAUK RAPIDS	11.82	15,929
CHANHASSEN	22.27	15,622
FARIBAULT	22.80	15,568
SAVAGE	24.92	15,234

Municipality	2004 Total Needs Mileage	2005 Tentative Money Needs Apportionment Per Need Mile
ST LOUIS PARK	31.09	$17,959
NORTH MANKATO	13.58	17,943
ROCHESTER	66.65	17,877
PRIOR LAKE	17.58	17,842
LAKE CITY	6.50	17,811
STEWARTVILLE	3.99	17,670
LITTLE FALLS	16.73	17,581
FOREST LAKE	22.35	17,461
SARTELL	15.09	17,459
EAST GRAND FORKS	15.51	17,385
NORTH ST PAUL	11.40	17,356
ORONO	12.58	17,330
NEW ULM	16.06	17,241
PLYMOUTH	54.93	17,195
VIRGINIA	15.93	17,120
ST PETER	14.32	17,120
FERGUS FALLS	24.67	16,814
MANKATO	33.27	16,782
COTTAGE GROVE	33.39	16,461
WASECA	6.35	16,408
HERMANTOWN	14.08	16,367
SAUK RAPIDS	11.82	16,305
ARDEN HILLS	7.55	16,281
APPLE VALLEY	35.67	16,154
LINO LAKES	20.35	16,149
ALBERT LEA	20.02	16,038
ANOKA	12.64	16,032
OAK GROVE	22.34	16,028
CRYSTAL	17.88	15,893
FRIDLEY	22.87	15,829
ST CLOUD	60.01	15,825
MINNETONKA	49.89	15,738
BROOKLYN CENTER	21.40	15,721
INTERNATIONAL FALLS	8.06	15,460
ST MICHAEL	19.89	15,331
HUTCHINSON	17.58	15,292
CLOQUET	20.14	15,282
EDINA	40.27	15,177

Municipality	2004 Total Needs Mileage	2005 Tentative Total Apportionment Per Need Mile
FARIBAULT	22.80	$35,883
PRIOR LAKE	17.58	35,856
INVER GROVE HEIGHTS	23.86	35,462
FRIDLEY	22.87	35,183
NORTH ST PAUL	11.40	34,696
CHASKA	15.77	34,515
EDEN PRAIRIE	45.40	34,458
EDINA	40.27	34,438
EAGAN	46.15	34,371
WEST ST PAUL	13.54	34,222
OAKDALE	19.40	33,955
LAKEVILLE	55.93	33,464
LITTLE CANADA	10.54	33,413
MOUND	8.05	33,407
GLENCOE	7.17	33,321
MANKATO	33.27	33,167
AUSTIN	28.62	33,114
WHITE BEAR LAKE	20.35	32,873
DULUTH	112.94	32,803
ST CLOUD	60.01	32,694
NORTH MANKATO	13.58	32,684
ROSEVILLE	28.70	32,667
SOUTH ST PAUL	16.82	32,666
WINONA	22.29	32,643
SHOREVIEW	19.52	32,591
BLAINE	40.52	32,570
MINNETONKA	49.89	32,416
SAUK RAPIDS	11.82	32,235
BROOKLYN PARK	50.38	31,968
BUFFALO	14.64	31,790
COTTAGE GROVE	33.39	31,626
THIEF RIVER FALLS	15.23	31,507
MARSHALL	15.64	31,433
FAIRMONT	19.70	31,357
NEW ULM	16.06	31,079
RED WING	23.82	30,992
LAKE CITY	6.50	30,860
ALBERT LEA	20.02	30,814

Municipality	2004 Total Needs Mileage	2005 Tentative Population Apportionment Per Need Mile
COTTAGE GROVE	33.39	$15,164
LITTLE CANADA	10.54	15,113
MAHTOMEDI	8.62	15,042
SHOREWOOD	8.24	14,846
ALBERT LEA	20.02	14,776
NORTH MANKATO	13.58	14,741
LINO LAKES	20.35	14,538
LA CRESCENT	5.64	14,484
GOLDEN VALLEY	23.57	14,170
NEW ULM	16.06	13,838
BRAINERD	16.12	13,768
LAKEVILLE	55.93	13,686
INTERNATIONAL FALLS	8.06	13,403
BUFFALO	14.64	13,334
AUSTIN	28.62	13,329
MARSHALL	15.64	13,169
LAKE CITY	6.50	13,049
MENDOTA HEIGHTS	14.39	13,023
SHAKOPEE	31.73	12,674
GLENCOE	7.17	12,654
WILLMAR	23.91	12,528
HUTCHINSON	17.58	12,410
LITCHFIELD	8.77	12,371
ANDOVER	37.69	12,367
SARTELL	15.09	12,363
BEMIDJI	16.66	12,334
DULUTH	112.94	12,310
ROGERS	7.71	11,657
ST PETER	14.32	11,484
FOREST LAKE	22.35	11,308
CROOKSTON	11.67	11,306
RED WING	23.82	10,948
REDWOOD FALLS	8.20	10,723
MORRIS	8.11	10,351
ROSEMOUNT	26.21	10,320
MONTEVIDEO	8.55	10,263
CHISHOLM	7.99	10,079
LAKE ELMO	12.29	10,047

Municipality	2004 Total Needs Mileage	2005 Tentative Money Needs Apportionment Per Need Mile
COON RAPIDS	41.85	$15,112
GOLDEN VALLEY	23.57	14,999
HIBBING	51.31	14,958
NORTHFIELD	12.36	14,877
OTSEGO	17.08	14,767
RAMSEY	32.21	14,677
SHAKOPEE	31.73	14,636
CHISHOLM	7.99	14,634
INVER GROVE HEIGHTS	23.86	14,500
MOUND	8.05	14,140
MONTEVIDEO	8.55	14,051
WACONIA	5.53	13,835
CHASKA	15.77	13,822
HAM LAKE	27.95	13,786
NEW PRAGUE	5.31	13,684
ELK RIVER	32.80	13,675
SAVAGE	24.92	13,599
DETROIT LAKES	13.35	13,578
ROSEVILLE	28.70	13,541
FALCON HEIGHTS	3.29	13,507
EDEN PRAIRIE	45.40	13,411
CAMBRIDGE	11.07	13,393
BRAINERD	16.12	13,240
SOUTH ST PAUL	16.82	13,223
WHITE BEAR LAKE	20.35	13,158
WINONA	22.29	13,084
VADNAIS HEIGHTS	8.32	13,029
MOUNDS VIEW	12.51	12,994
EAST BETHEL	27.16	12,934
ST JOSEPH	4.78	12,900
ANDOVER	37.69	12,831
NEW BRIGHTON	14.92	12,784
BLAINE	40.52	12,710
WILLMAR	23.91	12,653
BIG LAKE	7.60	12,539
ROSEMOUNT	26.21	12,513
BEMIDJI	16.66	12,339
MONTICELLO	9.04	12,332

Municipality	2004 Total Needs Mileage	2005 Tentative Total Apportionment Per Need Mile
LINO LAKES	20.35	$30,686
LITCHFIELD	8.77	30,558
CHAMPLIN	17.64	30,389
ST FRANCIS	10.62	30,277
ST JOSEPH	4.78	30,148
NEW PRAGUE	5.31	30,036
SARTELL	15.09	29,822
MONTICELLO	9.04	29,749
REDWOOD FALLS	8.20	29,663
MOUNDS VIEW	12.51	29,558
GRAND RAPIDS	13.24	29,401
ROBBINSDALE	10.11	29,392
GOLDEN VALLEY	23.57	29,169
WAITE PARK	6.12	29,024
BIG LAKE	7.60	28,872
INTERNATIONAL FALLS	8.06	28,863
SAVAGE	24.92	28,833
FOREST LAKE	22.35	28,770
ST PETER	14.32	28,604
HASTINGS	19.11	28,433
ALEXANDRIA	17.34	28,213
STILLWATER	15.45	28,110
HUTCHINSON	17.58	27,702
SHAKOPEE	31.73	27,309
ST PAUL PARK	4.92	27,243
ORONO	12.58	27,172
WORTHINGTON	11.39	27,128
BRAINERD	16.12	27,009
SHOREWOOD	8.24	26,925
VIRGINIA	15.93	26,379
SPRING LAKE PARK	5.82	26,251
HERMANTOWN	14.08	25,903
MAHTOMEDI	8.62	25,858
FERGUS FALLS	24.67	25,812
LITTLE FALLS	16.73	25,499
ST MICHAEL	19.89	25,326
EAST GRAND FORKS	15.51	25,294
ANDOVER	37.69	25,198

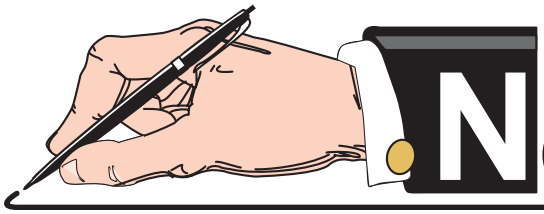
Municipality	2004 Total Needs Mileage	2005 Tentative Population Apportionment Per Need Mile
GRAND RAPIDS	13.24	$10,015
ST MICHAEL	19.89	9,995
ORONO	12.58	9,842
BELLE PLAINE	8.36	9,637
RAMSEY	32.21	9,605
HERMANTOWN	14.08	9,536
ALEXANDRIA	17.34	9,442
ST FRANCIS	10.62	9,368
DETROIT LAKES	13.35	9,313
VIRGINIA	15.93	9,258
ELK RIVER	32.80	9,211
CLOQUET	20.14	9,196
CAMBRIDGE	11.07	9,175
FERGUS FALLS	24.67	8,998
THIEF RIVER FALLS	15.23	8,976
FAIRMONT	19.70	8,903
OTSEGO	17.08	8,823
HAM LAKE	27.95	8,087
HUGO	16.79	8,034
LITTLE FALLS	16.73	7,918
EAST GRAND FORKS	15.51	7,909
BAXTER	13.94	7,584
NORTH BRANCH	22.53	6,719
EAST BETHEL	27.16	6,660
CORCORAN	14.80	6,366
HIBBING	51.31	5,359
OAK GROVE	22.34	5,256
Average		**$15,874**

Municipality	2004 Total Needs Mileage	2005 Tentative Money Needs Apportionment Per Need Mile
SHOREWOOD	8.24	$12,080
NORTH BRANCH	22.53	12,027
HASTINGS	19.11	11,760
EAGAN	46.15	11,695
WAITE PARK	6.12	11,402
BAXTER	13.94	11,275
WORTHINGTON	11.39	11,148
OAKDALE	19.40	11,036
MORRIS	8.11	11,032
HUGO	16.79	10,946
WEST ST PAUL	13.54	10,841
MAHTOMEDI	8.62	10,816
SHOREVIEW	19.52	10,746
STILLWATER	15.45	10,729
ST PAUL PARK	4.92	10,645
MENDOTA HEIGHTS	14.39	10,518
ROGERS	7.71	10,333
BROOKLYN PARK	50.38	10,000
LAKE ELMO	12.29	9,656
CHAMPLIN	17.64	9,457
CORCORAN	14.80	8,543
KASSON	4.99	8,009
VICTORIA	5.00	8,009
BELLE PLAINE	8.36	8,009
SPRING LAKE PARK	5.82	7,341
ROBBINSDALE	10.11	6,892
CHANHASSEN	22.27	3,485
		$15,524

Municipality	2004 Total Needs Mileage	2005 Tentative Total Apportionment Per Need Mile
WILLMAR	23.91	$25,180
VICTORIA	5.00	24,753
CHISHOLM	7.99	24,713
BEMIDJI	16.66	24,673
CLOQUET	20.14	24,478
KASSON	4.99	24,332
MONTEVIDEO	8.55	24,314
RAMSEY	32.21	24,282
OTSEGO	17.08	23,590
MENDOTA HEIGHTS	14.39	23,541
DETROIT LAKES	13.35	22,891
ELK RIVER	32.80	22,886
ROSEMOUNT	26.21	22,833
CAMBRIDGE	11.07	22,568
ROGERS	7.71	21,989
HAM LAKE	27.95	21,873
MORRIS	8.11	21,383
OAK GROVE	22.34	21,283
HIBBING	51.31	20,317
LAKE ELMO	12.29	19,702
EAST BETHEL	27.16	19,594
CHANHASSEN	22.27	19,107
HUGO	16.79	18,980
BAXTER	13.94	18,859
NORTH BRANCH	22.53	18,746
BELLE PLAINE	8.36	17,646
CORCORAN	14.80	14,909
		$31,398

OTHER

TOPICS



NOTES and COMMENTS

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.

LOCAL AMOUNT AVAILABLE AS OF September 9, 2004

Prepared for the October 2004 booklet
Construction Account Balances as of September 9, 2004
The Maximum Local Amount Available may change upon receipt of any payment request

	Fridley	Columbia Heights	Falcon Heights	South St. Paul
Maximum Local Amount Available after January 2004 Allocation	$664,396	$164,852	$59,402	$497,014
Amount Paid on Local Projects as of 9/09/2004	$0	$270,000	$40,166	$273,089
Amount Paid on Other Projects as of 9/09/2004	$0	$0	($1,871)	$81,866
Construction Account Balance as of 9/09/2004	$768,042	$0	$177,376	$637,943
Maximum Local Amount Available as of 9/09/2004	$664,396	($105,148)	$19,236	$223,925

EXAMPLE:

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

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

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

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

AMOUNTS ADVANCED IN 2004

As of September 14, 2004

Fund 250	
Maximum Allowable to Advance	$33,120,514.41
Less Actual Advances	27,913,086.73
Less Outstanding Reserve Amount	5,207,427.68
Remaining Available to Advance in 2004	**$0.00**

CITY NAME	RESOLUTION AMOUNT	YEAR	REQUEST TO RESERVE ADVANCE FUNDING	ADVANCE AMOUNT
Alexandria	$406,000.00	2004	$242,510.96	$242,510.96
Bemidji	500,000.00	2004	270,000.00	125,569.05
Brooklyn Park	841,728.13	2004	841,728.13	841,728.13
Eagan	4,000,000.00	2004	4,000,000.00	4,000,000.00
Elk River	299,542.33	2004	299,542.33	-
Glencoe	62,031.67	2004	62,031.67	62,031.67
Grand Rapids	750,000.00	2004	-	-
Hermantown	320,000.00	2004	320,000.00	76,783.57
La Crescent	210,000.00	2004	210,000.00	33,538.20
Lake City	400,000.00	2004	217,412.43	117,412.43
Lakeville	4,000,000.00	2004	836,338.78	4,000,000.00
Lino Lakes	1,336,282.07	2004	179,499.59	544,765.84
Maple Grove	4,000,000.00	2004	4,000,000.00	2,180,518.67
Maplewood	2,515,444.47	2004	2,515,444.47	1,851,171.30
Montevideo	574,000.00	2004	574,000.00	439,372.56
Morris	586,289.00	2004	536,289.00	429,861.38
New Brighton	322,585.59	2004	-	17,209.01
Oakdale	1,921,548.00	2004	1,921,548.00	1,858,665.07
Otsego	1,263,441.00	2004	434,140.00	435,140.00
Owatonna	1,100,000.00	2004	260,000.00	-
Prior Lake	1,726,656.00	2004	-	1,318,718.00
Red Wing	2,155,530.00	2004	1,000,000.00	1,685,584.89
Redwood Falls	213,039.42	2004	213,039.42	213,039.42
Rochester	4,000,000.00	2004	-	1,286,253.57
Rosemount	1,025,000.00	2004	-	-
Sartell	1,415,274.00	2004	1,415,274.00	559,365.84
Savage	850,000.00	2004	550,411.85	400,000.00
Shakopee	2,122,233.00	2004	2,122,233.00	2,122,233.00
Shoreview	1,857,177.00	2004	156,351.00	1,857,177.00
Shorewood	800,835.00	2004	-	-
St. Anthony	22,765.73	2004	-	22,765.73
St. Francis	107,432.67	2004	107,432.67	-
St. Michael	1,529,325.00	2004	339,052.25	256,721.25
White Bear Lake	450,000.00	2004	246,003.72	246,003.72
Woodbury	688,946.47	2004	-	688,946.47
TOTAL	**$44,373,106.55**		**$23,870,283.27**	**$27,913,086.73**

OCTOBER 2004 BOOK\2004 GENERAL FUND ADVANCES AS OF SEPT 1.XLS

MSAS FUND ADVANCES

Revised June 1999 November 2000 November 2002 June 2003, October 2003 June 2004

Guidelines

General Fund Advance for State Aid Projects

Any city may advance up to a cumulative maximum of five times its annual construction allotment or $4,000,000 whichever is less. This amount may be exceeded by advances for Federal Aid projects. **Per State Statute 162.14 subp. 6 advances "shall not exceed the city's total estimated apportionment for the three years following the year the advance is made." At times, a city using our guidelines may exceed the State Statute guidelines. If this happens, the city will be limited to the statutory limits. This issue will be addressed in the 2005 legislative session.**

The maximum Municipal State Aid construction dollars that can be advanced from the General Fund account 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 revise 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 (**SALT 512(4/04)**) **on the SALT website**. 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. A mutually acceptable repayment schedule not to exceed five years shall be included in the resolution**.** 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 processed by State Aid Finance, the amount on the 'State Aid Payment Request' form (up to the resolution/allowable amount) will be deducted from the city's account.

To "reserve" the funds, the City Engineer may submit a "Request to Reserve Advanced Funding" form (**SALT 513(4/04) on the SALT website**) up to **12** 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 **twelve** weeks in advance of the payment request.

General Fund Advance for Federal Aid Projects

Cities may advance for Federal Projects that are programmed by the ATP in the STIP and are eligible for State Aid financing**.** Repayment to the General Fund will be made at the time federal funds are converted. 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

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 (**SALT 515(4/04) on the SALT website**). 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.

Additional Guidelines

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

In any one year, if the maximum advance amount available is reached, a city has to submit a new city council resolution when more funds become available the following year.

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

All revisions to these guidelines are ultimately an administrative decision by the State Aid Engineer with any input and discussion by the Screening Board being taken into consideration.

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 2004 BOOK\PAST HISTORY OF ADMINISTRATIVE ACCOUNT 2004.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	133,528	1,529,472
2004	1,690,756		

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 $554,452 (not to exceed 1/2 of 1% of the 2004 M.S.A.S. Apportionment sum of $110,890,581) shall be set aside from the 2005 Apportionment fund and be credited to the research account.

MOTION BY:
SECONDED BY:

N:\MSAS\EXCEL\OCTOBER 2004 BOOK\RESEARCH ACCOUNT MOTION 2004.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	0	582,170
2004	544,962	0	544,962
2005	554,452		

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 2004

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

BE IT RESOLVED:

ADMINISTRATION

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

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 $544,962 (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, October 2003)

That when a Municipal State Aid Street is constructed to State Aid Standards, said street shall be considered adequate for a period of 20 years from the 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, only the Construction Needs necessary to bring the segment up to State Aid Standards will be permitted in subsequent Needs after 10 years from the date of the letting or encumbrance of force account funds. For the purposes of the Needs Study, these shall be called Widening Needs. Widening Needs shall continue until reinstatement for complete Construction Needs shall be initiated by the Municipality.

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

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

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

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

Population Apportionment - October 1994, 1996

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

DESIGN

Design Limitation on Non-Existing Streets - Oct. 1965

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

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

That if a Municipal State Aid Street is constructed with State Aid funds to a width less than the design width in the quantity tables for Needs purposes, the total Needs shall be taken off such constructed street other than Additional Surfacing Needs.
Additional surfacing and other future Needs shall be limited to the constructed width as reported in the Needs Study, unless exception is justified to the satisfaction of the State Aid Engineer.

Greater Than Minimum Width (Revised June 1993)

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

Miscellaneous Limitations - Oct. 1961

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

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

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

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

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

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

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

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

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

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

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

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

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

NEEDS COSTS

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

Roadway Item Unit Prices (Reviewed Annually)			
Right of Way (Needs Only)			$93,000 per Acre
Grading (Excavation)			$4.00 per Cu. Yd.
Base:			
	Class 5 Gravel	Spec. #2211	$7.65 per Ton
	Bituminous	Spec. #2350	$33.00 per Ton
Surface:			
	Gravel	Spec. #2118	$5.50 per Ton
	Bituminous	Spec. #2350	$33.00 per Ton

Shoulders:			
	Gravel	Spec. #2221	$13.40 per Ton
Miscellaneous:			
	Storm Sewer Construction		$262,780 per Mile
	Storm Sewer Adjustment		$83,775 per Mile
	Special Drainage (rural segments only)		$40,000 per Mile
	Street Lighting		$80,000 per Mile
	Curb & Gutter Construction		$8.25 per Lineal Foot
	Sidewalk Construction		$24.00 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		$235.00 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	$74.00 per Sq. Ft.
Bridges 150 to 499 Feet long	$74.00 per Sq. Ft.
Bridges 500 Feet and Over	$74.00 per Sq. Ft.

Railroad Over Highway	
One Track	$9,600 per Linear Foot
Each Additional Track	$8,000 per Linear Foot

"Non-existing" bridge costs - 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)	$150,000 per Unit
Signals and Gates (Multiple Track – high speed)	$187,500 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	$1,550 per Mile	$2,575 per Mile

Parking Lanes: Segment length times number of parking lanes times cost per mile	$1,550 per Mile	$1,550 per Mile
Median Strip: Segment length times cost per mile	$515 per Mile	$1,000 per Mile
Storm Sewer: Segment length times cost per mile	$515 per Mile	$515 per Mile
Traffic Signals: Number of traffic signals times cost per signal	$515 per Unit	$515 per Unit
Minimum allowance per mile is determined by segment length times cost per mile.	$5,150 per Mile	$5,150 per Mile

NEEDS ADJUSTMENTS

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

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 the Municipal State Aid, CSAH, or Trunk Highway 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, 2003)

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

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

Excess Unencumbered Construction Fund Balance Adjustment – Oct. 2002

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.

Low Balance Incentive – Oct. 2003

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

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

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

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.

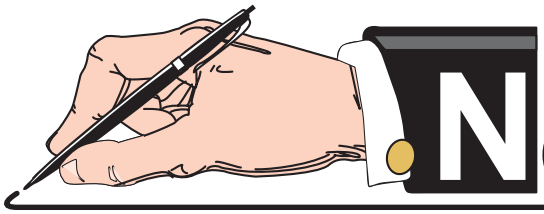
Traffic Counting - Sept. 1973 (Revised June 1987, 1997, 1999)

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