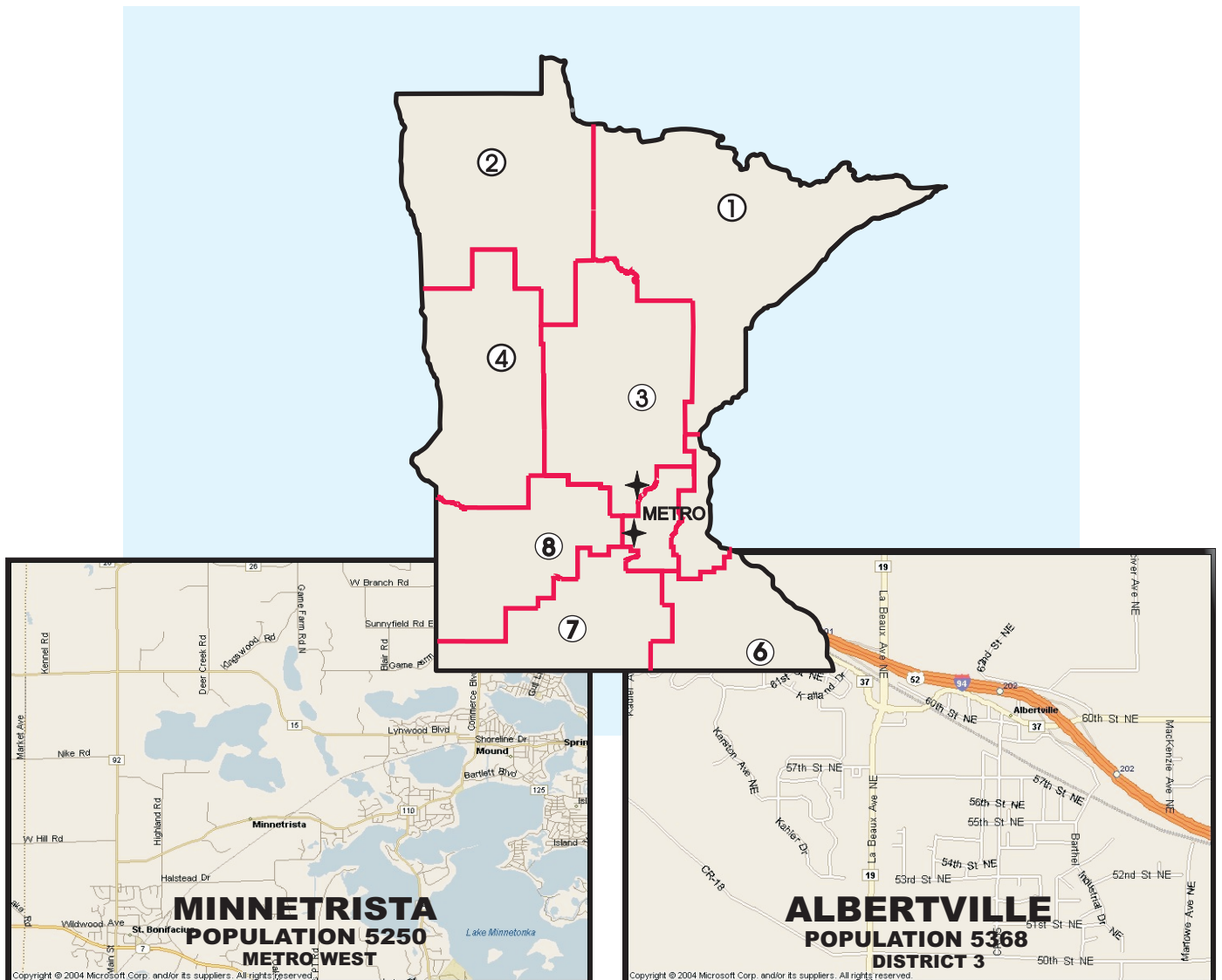


2005 MUNICIPAL STATE AID STREET NEEDS REPORT



TWO NEW MSAS CITIES



October, 2005



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, 2005

To: Municipal Engineers

From: R. Marshall Johnston
Manager, MSAS Needs Unit

Subject: 2005 Municipal State Aid Needs Report

Enclosed is a copy of the '2005 Municipal State Aid Needs Report' which will be reviewed by the Municipal Screening Board on October 18th and 19th 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.us/stateaid .

PREFACE

The "2005 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 2005, 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 2006 allocation which will be reported in the "2006 Municipal State Aid Apportionment Data" to be published in January 2006.

The State Aid Program Mission Study

Mission Statement:

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

Program Goals:

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

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

Key Program Concepts:

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

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

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

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

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

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

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STATE OF MINNESOTA

HIGHWAY DISTRICTS AND URBAN MUNICIPALITIES (Population over 5000) 138 Cities

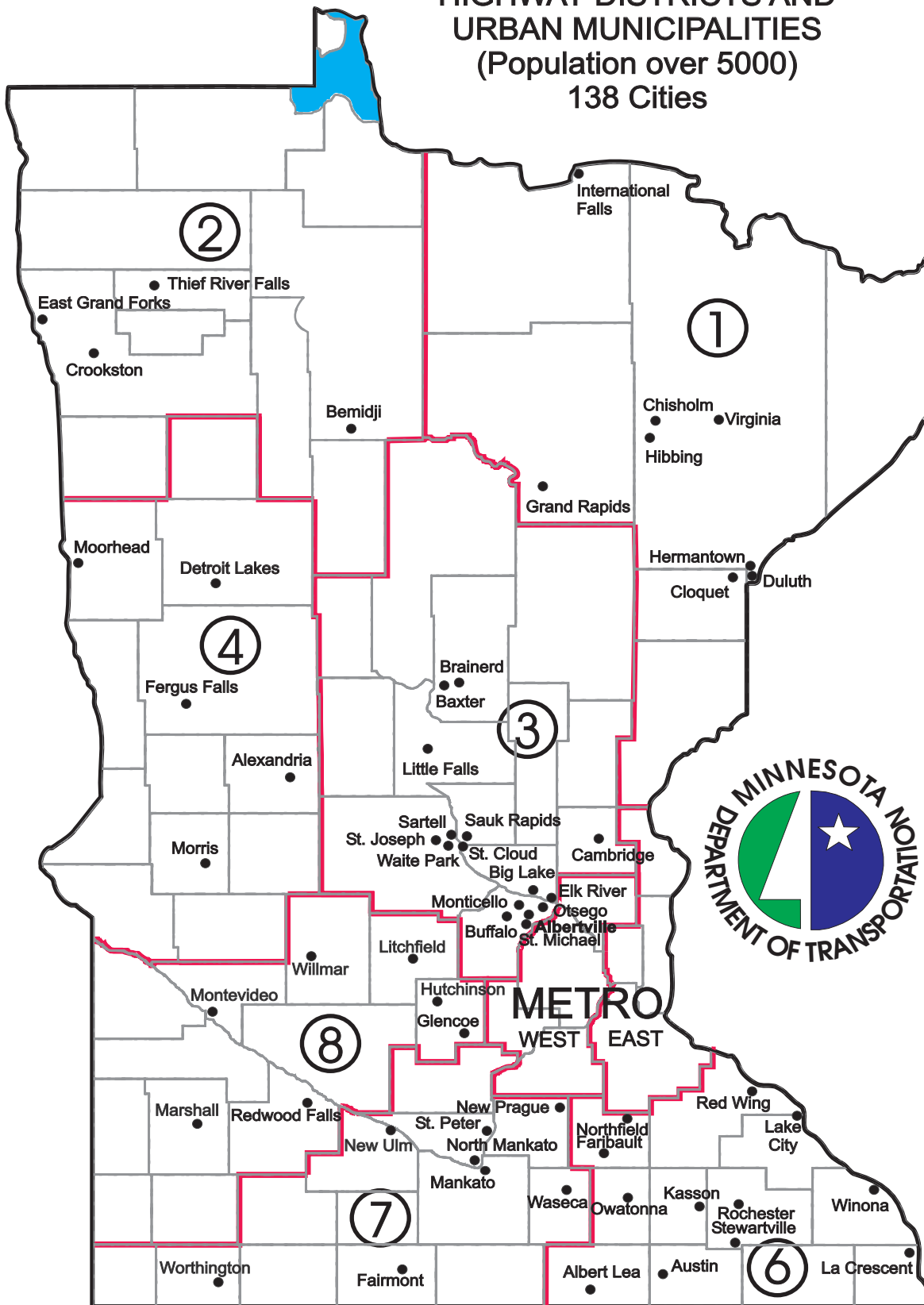
METRO MUNICIPALITIES

45 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
~~Minnetrista~~
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



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OCTOBER 2005

2005 MUNICIPAL SCREENING BOARD

screening board stuff\2005\Screening Board October 2005.xls

23-Sep-05

OFFICERS			
Chair	Mike Metso	Duluth	(218) 723-3278
Vice Chair	Stephen Gaetz	St. Cloud	(320) 255-7241
Secretary	Chuck Ahl	Maplewood	(651) 770-4552

MEMBERS				
District	Years Served	Representative	City	Phone
1	2005-2007	Tom Pagel	Grand Rapids	(218) 326-7625
2	2003-2005	Dave Kildahl	Crookston, T R Falls	(218) 281-6522
3	2002-2005	Bret Weiss	Monticello	(763) 541-4800
4	2004-2006	Jeff Kuhn	Morris	(320) 762-8149
Metro-West	2004-2006	Craig Gray	Anoka	(763) 576-2781
6	2004-2006	Jeff Johnson	Owatonna	(507) 444-4350
7	2005-2007	Fred Salsbury	Waseca	(507) 835-9700
8	2003-2005	Dave Berryman	Montevideo	(320) 269-7695
Metro-East	2005-2007	Deb Bloom	Roseville	(651) 490-2200
<u>Cities</u>	Permanent	Mike Metso	Duluth	(218) 723-3278
<u>of the</u>	Permanent	Klara Fabry	Minneapolis	(612) 673-2443
<u>First Class</u>	Permanent	Paul Kurtz	Saint Paul	(651) 266-6203

ALTERNATES				
District	Year	Beginning	City	Phone
1	2008	Jim Prusak	Cloquet	(218) 879-6758
2	2006	Brian Freeburg	Bemidji	(218) 759-3576
3	2006	Terry Maurer	Elk River	(651) 644-4389
4	2007	Robert Zimmerman	Moorhead	(218) 299-5390
Metro-West	2007	Jon Haukaas	Fridley	(763) 572-3550
6	2007	Heidi Hamilton	Northfield	(507) 645-3009
7	2008	Ken Saffert	Mankato	(507) 387-8631
8	2006	Glenn Olson	Marshall	(507) 537-6774
Metro-East	2008	Russ Matthys	Eagan	(651) 675-5637

2005 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
<p>Melvin Odens, Chair Willmar (320) 235-4202 Expires after 2005</p> <p>Shelly Pederson Bloomington (952) 563-4870 Expires after 2006</p> <p>Tim Loose St. Peter (507) 625-4171 Expires after 2007</p>	<p>David Jessup, Chair Woodbury (651) 714-3593 Expires after 2005</p> <p>Thomas Drake Faribault (507) 334-2222 Expires after 2006</p> <p>Lee Gustafson Minnetonka (952) 939-8200 Expires after 2007</p>

MUNICIPAL SCREENING BOARD REPRESENTATIVES

DISTRICTS

MSAS/excel/screening board stuff/Past Screening Board Members.xls

23-Sep-05

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 E. Gr. Forks	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	EDWARDS Fergus Falls	PEDERSON Bloomington	MURRAY Faribault	KOEHLER	ODENS	BURCH
2002	SUIHKONEN Hibbing	SANDERS	WEISS Monticello	EDWARDS	PEDERSON	MURRAY	LOOSE St. Peter	ODENS	AHL Maplewood
2003	SUIHKONEN Hibbing	KILDAHL Crookston	WEISS	EDWARDS	PEDERSON	MURRAY	LOOSE	BERRYMAN Montevideo	AHL
2004	SUIHKONEN Hibbing	KILDAHL	WEISS	KUHN Morris	GRAY Anoka	JOHNSON Owatonna	LOOSE	BERRYMAN	AHL
2005	PAGEL Grand Rapids	KILDAHL	WEISS	KUHN	GRAY	JOHNSON	SALSBURY Waseca	BERRYMAN	BLOOM Roseville

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	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
2005	FABRY	KURTZ	METSO	METSO Duluth	GAETZ St. Cloud	AHL Maplewood

**2005 MUNICIPAL SCREENING BOARD
Spring Meeting Minutes
May 31 & June 1, 2005**

I. Opening by Municipal Screening Board Chair Mike Metso

The 2005 Spring Municipal Screening Board Meeting was called to order at 1:05 p.m. on Tuesday, May 31, 2005

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

Himself - Mike Metso, Duluth - Chair, Municipal Screening Board
Stephen Gaetz, St. Cloud - Vice Chair, Municipal Screening Board
Julie Skallman, Mn\DOT - State Aid Engineer
Marshall Johnston, Mn\DOT - Manager, Municipal State Aid Needs Unit
Melvin Odoms, Willmar - Chair, Needs Study Subcommittee
Tom Drake, Fairbault - Past Chair, Municipal Screening Board
Lee Gustafson, Minnetonka - Past Chair, Municipal Screening Board
Tim Loose, Saint Peter – Needs Study Subcommittee
Chuck Ahl, Maplewood - Secretary, Municipal Screening Board

Chair Metso noted the absence of David Jessup, Woodbury - Chair, Unencumbered Funds Subcommittee and Past Chair, Municipal Screening Board, who was on vacation and missing his first screening board meeting in nearly 10 years.

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

District 1	Tom Pagel, Grand Rapids
District 2	Dave Kildahl, Crookston, Int'l Falls, 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	Fred Salsbury, Waseca
District 8	Dave Berryman, Montevideo
Metro East	Debra Bloom, Roseville (not present at roll call; arrived at 1:40 pm)
Duluth	Mike Metso
Minneapolis	Klara Fabry
St. Paul	Paul Kurtz

C. Chair Metso recognized the following Screening Board Alternates:

District 2	Brian Freeburg, Bemidji
District 3	Terry Maurer, Elk River
District 8	Glenn Olson, Marshall (absent)

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

Rick Kjonaas	Deputy State Aid Engineer
Jim Koivisto	Project Delivery Engineer
Patti Simmons	State Aid Programs 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
Terry Nichols	Assistant 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
Mike Kowski	Assistant Metro State Aid Engineer

- E. Chair Metso recognized others in attendance:

Rhonda Rae, Minneapolis
Larry Veek, Minneapolis
Jim Vanderhoof, St. Paul
Dave Sonnenberg, SEH
Tom Colbert, Eagan, Local Road Research Board

II. Review of the 2004 Municipal Screening Board Data Booklet

Chair Metso suggested that the portions of the report where issues were raised at Pre-Screening Board District meetings 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 Tuesday evening.

Chair Metso 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, 2005 Screening Board minutes were presented for approval (pages 12-32). Acknowledgment was made, and appreciation expressed, for 2004 CEAM Secretary Gaetz's thorough and detailed minutes. There was agreement that the minutes did not need to be read aloud.

Motion by Gray, second by Berryman to approve minutes as presented.
Motion carried without opposition.

B. Screening Board Issues (page 9)

Johnston began his report by noting the three new cities added to the MSAS system in 2005. Those cities are Kasson, Belle Plaine and Victoria.

C. Review of Unit Price Recommendations (Page 33)

Johnston began a review of the Unit Costs and Price Study. Chair Metso requested Board members to indicate any concerns or issues raised at the District levels regarding the unit prices recommended. There were no issues brought forward by the Board members.

- a. Unit Price Recommendations (page 38) Johnston reviewed the unit price recommendations of the NSS. Johnston noted that many unit prices were increased by a factor of 6.29% +/- (it was noted the calculation on Page 36 using the ENR Construction Cost Index as approved by the 2003 Spring Screening Board), 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 Board noted no issues with the Recommendations on page 38.

- b. Maintenance Needs Cost Recommendations (pages 39-40) 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 0.83% of the total Needs.

Johnston noted the components individual unit prices used in determining Maintenance Needs. As shown in the table on page 39, NSS recommends that the 2005 Maintenance Needs prices be increased by 6.29% over 2004. The recommended minimum Maintenance Need allowance per mile is \$5475. A history of the Maintenance Needs was noted on Page 40.

D. Review of Unit Prices and Graphs

- a. Review of Individual Unit Price Recommendations of the NSS (pages 42-51) Johnston briefly explained the history of the Unit Price Study process. Johnston noted that the Subcommittee recommended an increase of 6.29% +/- for most unit price items in the 2005 Needs Study.

The total needs this year is \$2.986 billion (compared to \$2.823 billion last year), an increase of 5.74%. Based on 2004 and the January 2005 allotment based on those Needs, it would take 26.7 years to reconstruct the MSAS system. Last year it would have taken about 25 ½ years. The chart on Page 41 provides a summary of needs and the percentage that each unit price contributes to the overall needs calculation.

- b. Review of Unit Price Recommendations from Other Sources (pages 52-66) Johnston reviewed the unit price recommendations that are based on information obtained from other sources:

Storm Sewer (pages 52-53) - The NSS recommended price for Storm Sewer Adjustment is \$85,100 per mile, and the recommended price for Storm Sewer Construction is \$265,780 per mile. These figures are based on an analysis performed by MnDOT's Hydraulic Office that took into consideration unit prices from 96 State Aid storm sewer projects let in 2004 (see page 53).

Railroad Crossings (pages 52-54) - 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 (same as last year); Signals and Gates, high speed - \$187,500 (same as 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 55-56) - 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.

Low Volume Rural Segments (pages 57-58) - The NSS recommended price is \$5.70 per ton for gravel surfaced roadways. This recommendation is based on CSAH Roadway Unit Prices due to the low number of MSAS routes with volumes less than 150.

Street Lighting (page 52) - NSS recommends an increase in the unit price (\$82,500 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 52) - NSS recommends an increase in the unit price (\$130,000 per mile) for traffic signal needs. The computation of actual signal needs is based on the unit price and projected traffic. There has been no recent study of traffic signal needs so the unit price figure is based on engineering experience.

Bridges/Structures (pages 59-67) - There are 538 bridges on the system; but only 402 generate needs. The remainder does not generate needs because they are either non-existing or span over Interstates or Trunk Highways. A single unit cost for all bridges is used. NSS recommends a unit price of \$80 per square foot for all bridges (an increase of \$6.00 from

the 2004 rate of \$74.00 per square foot). This recommendation is based on information taken from CSAH Unit Report.

Railroad Bridges Over Highways (page 66) - The NSS recommended prices for the 2005 Needs Study are \$10,200 per lineal foot for the first track and \$8,500 per lineal foot for each additional track.

E. Needs Study Subcommittee Recommendations (page 70-84)

a. Fridley Soil Factor Issue (page 70-71,75-82)

a. Mel Odoms, Chair of the Needs Study Subcommittee reviewed the issues and discussion by NSS on Fridley's request to increase their soil factor due to soil boring information. The result in 2004, was an increase in needs for Fridley of \$1.6 million.

b. The Board reviewed the Current Resolutions of the Municipal Screening Board related to Soil Types (page 120):

(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 Aid Engineer.

c. Odoms noted that NSS spent a considerable amount of time discussing this issue. They tried to do what made sense based upon the information provided by Fridley. The NSS recommends the reinstatement of Fridley's needs that was eliminated in 2004.

d. Johnston provided the Board with the following Proposed Resolution Revision: (note: proposed revisions are in italics)

Soil Type – Oct. 1961, *June 2005*

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

a) *The DSAE shall have the authority to review and approve requests for Soils Factor revisions on independent segments (if less than 10% of the municipalities MSAS system). Appropriate written documentation is required with the request and the DSAE should consult with the MnDOT Materials Office prior to approval.*

b) If greater than 10% of the municipalities MSAS system mileage is proposed for Soil Factor revisions, the following shall occur:

Step 1. The DSAE (in consultation with the Mn/DOT Materials Office) and Needs Study Subcommittee will review the request with appropriate written documentation and make a recommendation to the Screening Board.

Step 2. The Screening Board shall review and make the final determination of the request for Soils Factor revisions.

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

e. Significant discussion occurred on this issue:

- i. Weiss asked Odoms if the 10% noted in the resolution was an annual allowance or cumulative total. He asked when a City would need to go to Screening Board.
- ii. Odoms noted the 10% was so it would take a City 10 years to change the entire system without Screening Board approval.
- iii. Johnston suggested that the Board may wish to add some wording revisions whereby a minimum or maximum mileage that the DSAE could approve without Board approval. He provided the Board with a listing of the mileage for Soil Factor Approvals for each MSAS city which noted:
 1. 31 cities have less than 10 miles
 2. 52 cities have 10 to 20 miles
 3. 25 cities have 20 to 30 miles
 4. 9 cities have 30 to 40 miles
 5. 8 cities have 40 to 50 miles
 6. 11 cities have over 50 miles
- iv. Berryman suggested that he did not see anything within the proposed resolution that referenced the annual request.
- v. Weiss indicated that he was unaware of any cities that are currently using the soils factor and asked why this does not get changed to the R-value?
- vi. Chair Metso asked State Aid if they previously had evaluated this as part of the computer program design changes.
- vii. Skallman reported that it would be a major change to the program and charts.
- viii. Weiss concluded that the change would not be justified until future program changes.

- ix. Metro summarized the issue as having 2 actions noted on Page 75 for the Board to consider:
 - 1. Should Fridley needs be re-instated.
 - 2. Should we modify the existing resolution.
- x. Odoms noted that the word State Aid should be inserted into the proposed resolution in the new wording (Note: this has been added to resolution above.)
- f. Other NSS items:
 - i. Structural Plate Arches and box culvert formulas were noted by Johnston. The formulas (pages 72-74) do not compute the box culvert length correctly. New formulas will be developed for Fall Screening Board review and action. The unit costs on Page 73-74 will be included in the Spring Approval items.
 - ii. Deb Bloom, East Metro Representative arrived. Deb expressed her apology for the late arrival that was due to City commitments.
 - iii. New City Needs Update Deadline (page 83-84) was introduced by Johnston along with the following revision to the State Aid Resolutions (revisions in italics):

New Cities Needs – Oct. 1983
That any new city having determined its eligible mileage, but has not submitted its Needs to the DSAE by December 1, will have its money Needs determined at the cost per mile of the lowest other city.

F. Review of Unencumbered Construction Funds Subcommittee minutes and recommendations (Pages 85-103)

- a. Johnston noted the impacts of the excess adjustment by UCFS were a redistribution of \$16.3 million of needs from 6 cities to 77 cities. He reviewed 5 scenarios for possible action as noted on Page 88, and the impact of each scenario as noted on Pages 90-103. The UCFS is recommending no change in the current system; however, if the Board disagrees with UCFS, then they recommend allowing a petition by member cities for exclusion.
- b. Tom Drake, vice-chair of UCFS expressed the opinion for the UCFS was that we needed to show some consistency and to stay the course.
- c. Gustafson of UCFS indicated that they had a 3-hour debate on this issue and reviewed 10 different options. He believes that cities need to know the rules and that we should not change them again.
- d. Weiss indicated that District 3 had significant concerns with the current process and prefers Scenario #5, where a portion of the balance that is in excess of 3-times the construction fund allotment is used when computing the excess balance adjustment. He questioned why the Board felt the need to punish 6 cities. Each of these cities should be given a chance to deal with the issue. They are in a tough situation

and this adjustment, as a disincentive, is not a factor in lowering our overall balance. He expressed a desire to soften this side of our adjustments. "We have overshot our mark".

- e. Salsbury noted that District 7 and 8 agreed with District 3's position on this and felt Scenario #5 was appropriate.
- f. Bloom indicated that Metro felt the program should be kept as is. She indicated she could consider possible petitions only if agreements are in place for projects.
- g. Gray expressed that Metro did not have a significant amount of discussion on this. He personally likes Scenario #5, but that the Metro group has clearly expressed that we should stay the course. He does understand how this can impact smaller cities, especially now that we cannot advance funds due to a lack of funds.

G. Other Topics:

- a. Advances from the General MSAS Construction Account (page 106)
Johnston reported that State Aid has \$0.00 available to advance in 2005. This number is based on financial projections by State Aid Finance and may be revised later in the year. Four cities have been allowed to advance in 2005.
- b. Relationship of Construction Balance to Construction Allotment (pages 107-108) Johnston stated that the unencumbered balance dropped from just over \$46 million at year-end 2003 to \$25 million at year-end 2004 (see graph on page 108 for details). Kjonass noted that in 2004 cities spent almost \$106 million, which was 1.26 times more than they received. Kjonass also noted that it appeared that construction projects were down in 2005 compared to 2004 due to the lack of advancement. So far in 2005, \$22 million in projects have been authorized compared to \$35 million at the same time in 2004.
- c. 2004 Apportionment Rankings (pages 109-111)
Johnston briefly reviewed the 2004 apportionment rankings. There were no questions.
- d. Local Road Research Program (page 112-113)
Johnston noted that Tom Colbert was prepared to make a presentation on the Local Road Research Board Program as requested at the Fall Screening Board. The Presentation would follow.
- e. County Highway Turnback Policy (pages 114-115)
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 116-118)
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 (pages 119-128)
Johnston noted no changes in 2004.

III. Other Discussion Items:

- A. Chair Metso noted that the new CEAM Legislative Chair is Dave Sonnenberg who is present at the Board Meeting. Sonnenberg replaces Dave Hutton as the chair of this important Committee. Metso expressed his appreciation for the great job and acknowledged the hard work and great job that Hutton provided the CEAM and our objectives.
- B. Local Road Research Board Presentation by Tom Colbert.
1. Johnston noted the minutes from the 2004 Fall Screening Board: Weiss made a motion to approve ½ of one percent to be set aside for the research account but would like a report to be brought back at the Spring Screening Board meeting that describes how the money is being spent and the benefits that are expected to be realized by cities. Weiss would like the report to be discussed at the District meetings too. The motion was seconded by Fabry.
 2. Colbert provided a video on LRRB, highlighting the research efforts.
 3. Highlights of the presentation included:
 - a. LRRB members are listed at www.lrrb.org along with the RIC members.
 - b. The RIC members are updating the weather and loads video.
 - c. Funding of LRRB is 24% from MSAS and 76% from CSAH. The amount to \$2.35 million in 2005. Distribution of these monies was 39% to Research projects; 24% to MnROAD; 28% to RIC, LTAP, CTAP, etc. and 9% for Admin costs.
 - d. A listing of projects is provided on Page 112. Colbert reminded the Board that TAP Members are needed for nearly all on-going research. The TAP Member does not perform research but helps guide the process. It generally involves only 2-3 meetings per year. Colbert asked for members to help get the word out on the need for member participation.
 - e. The RIC is working to update and purge outdated research.
 - f. The LTAP is funded by LRRB funds. Cheri Marti shares a wealth of information along with the traveling training and workshop programs. There were 5,474 participants from our agencies using this program in 2004. This also includes an allocation for the MnDOT Library. Colbert reported that 10% of the Library usage is by local agencies.

C. State Aid Report:

Skallman reported on Phase II of the State Aid Mission study. She provided a handout of issues based on priority by the County Engineers.

The UCFS reviewed these issues and recommended (Page 86) review by an appropriate committee for recommendation and possible action:

- N. Review the present adjustments for credit for local effort, bonding, and advancing. Determine if they are being treated correctly and consistently. Specifically review the Bond Account Adjustment to the Needs.
- I. Determine if off-system spending is being treated consistently in the MSAS needs formula and recommend whether incentives, disincentives, or no incentives are appropriate. Review county participation policies to see if needs adjustments are appropriate.
- J. Construction standards, AASHTO guidance, and economics all permit or encourage perpetual rehabilitation of roadways. Determine if the Needs formula be revised to acknowledge perpetual pavement rehabilitation as a long-term fix, and if so how.

Gustafson asked about the need to study bond account adjustments as noted by Johnston. Pre-1995 vs. Post-1995 methods are inconsistent.

Drake suggested that off-system expenditures need to be reviewed.

Skallman recommended that the Board give State Aid direction on the issues and areas of study.

Gaetz noted that Counties are looking at the distribution formula. Should Cities? What about growth areas and needs that a formula might look at.

Drake countered that he believed we should avoid being involved with the County discussion.

Skallman noted the distribution formula would require legislative changes and she suggested that we would potentially open many other areas through that process and does not recommend this area.

Chair Metso summarized for the Board that State Aid is looking for direction on the next steps of this process.

D. Legislative Update:

Metso noted that MnDOT is conducting a Truck size and weight study and is looking for a City Engineer to represent CEAM on this study. Tom Mathisen will likely serve on the Technical Committee for this study. Klara Fabry, indicated to Chair Metso her possible interest in this study.

Metso also noted that he is requesting a City Representative for CEAM to serve on the MnDOT Functional Class Advisory Study.

Metso reported that the executive boards of the City Engineers and County Engineers will be meeting tomorrow. Some of the legislative issues will be discussed as part of that meeting.

- IV. Chair Metso recessed the meeting 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 8:35 a.m. on June 1, 2005.

Attendance Note: All members were 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 Unit Prices and Annual Maintenance Needs (pages 38-39)

There was no discussion. Chair Metso called for a motion. Motion by Salsbury, second by Fabry and carried without opposition to accept the Needs Study Subcommittee's Unit Price recommendations as presented.

- B. Fridley Soil Factor Issue (Page 70)

1. Fabry moved and Weiss seconded to adopt the NSS recommendation to approve the Metro District DSAE's approval of Fridley's request for Soil Factor revisions. Carried unanimously.
2. Fabry moved and Weiss seconded to adopt the NSS recommendation that Fridley should receive a positive needs adjustment of \$1,602,781. This is the amount of Needs removed by the Screening Board last year based upon the Soils Factor revision. Carried unanimously.

- C. System-wide Soils Factor Revisions (page 71)

1. Weiss questioned why a new city should use the MnDOT soils map if better information is available.
2. Odoms countered that State Aid provides direction on doing it this way.
3. Johnston noted that this approach treats all Cities the same.
4. Weiss indicated his concern on the accuracy of this method. He suggested that the Board consider adding wording or reference to the resolution thatunless better information is available.
5. Discussion occurred among the Board as to what Fridley's soils map showed. Johnston reported it showed 50% with a small segment at 75%.

6. Chair Metso noted that the current resolution requires Screening Board action for any major revision, but that the initial determination of Soil Factors involves the City Engineer's recommendation.
7. Gray moved and Bloom seconded to adopt the revised resolution on Soil Type. Motion carried unanimously. (note: proposed revisions are in italics)

Soil Type – Oct. 1961, *June 2005*

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

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

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

D. New City Needs

Weiss moved and Kuhn seconded to adopt the following revision to New City needs. The motion carried unanimously.

New Cities Needs – Oct. 1983

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

E. Excess Balance Adjustment (Page 85-85)

1. Chair Metso commented that the UCFS has recommended no change or adjustment to this program.
2. Berryman moved and Salsbury seconded :
 - a. To use the portion of the balance that is in excess of 3-times the construction fund allotment when computing the excess balances adjustment and/or \$1,000,000.
 - b. Gray indicated he could not support this motion. The UCFS has suggested that continuing changing of the rules is not advised and he agreed with UCFS.
 - c. Bloom also indicated she could not support this motion as it seemed too arbitrary.
 - d. Drake suggested that any City can petition the Board for consideration if special circumstances warrant a waiver. He does not support the motion.
 - e. Salsbury indicated his support because the motion is to limit the maximum penalty.
 - f. Weiss commented that this item needs to be discussed because we must determine how severe of a penalty.
 - g. Berryman agreed with Weiss that the impact on smaller communities is too great under the current plan.
 - h. Chair Metso called for a vote on the Berryman motion:
 - i. Ayes: Berryman, Weiss, Salsbury, Kildahl.
 - ii. Nays: Pagel, Kuhn, Gray, Johnson, Bloom, Metso, Fabry, Kurtz.
 - iii. Motion failed on a 4 – 8 vote.
 - i. Gray moved and Fabry seconded to follow the UCFS recommendation to make no changes to the current procedures for the Excess Fund Balance Adjustment redistribution as low balance incentive.
 - j. Weiss asked if the intention is that a process is included that allows for a City to petition the Board?
 - k. Gray responded that he did not include that in his motion because it was already noted by State Aid staff that Cities already have this option.
 - l. Odoms asked the UCFS why they added the wording suggesting a petition process if that option already existed.
 - m. Gustafson stated that UCFS wanted to be consistent. He noted that some cities have had problems with previous petitioning, so they wanted to establish some possible criteria.
 - n. Board members discussed various Cities' commitments to spend down their funds.
 - o. Chair Metso called for a vote on the Gray motion:
 - i. Ayes: Pagel, Kildahl, Kuhn, Gray, Johnson, Bloom, Metso, Fabry, Kurtz.
 - ii. Nays: Berryman, Weiss, Salsbury.
 - iii. Motion carried 9 - 3 .

II. Continuation of State Aid Report

A. Mission Study – Phase II

The UCFS recommended consideration of Items N. Bonding and Advancing; I. Off-system Spending; and J. Construction Standards, Perpetual Pavement Rehabilitation. These items were brought up as part of the state-aid mission study.

Drake expressed concern with 10-ton roadways and drawing needs after 20 years. A city can still draw needs even if there is not intent to replace the subgrade.

Weiss suggested that Items N. and I. could have a single committee, while a second committee is needed for Item J.

Chair Metso suggested that Johnston provide a recommendation on Item N. for the Fall Meeting. The item should be brought to UCFS prior to bringing it to the Board. Fabry indicated that a Minneapolis representative will be attending this meeting.

Gustafson questioned why we would discuss the Off-system spending issue.

Gray and Bloom seconded that they did not see the need to discuss this issue as it is a local decision. Discussion followed among the Board on various off-system expenditures and County/State issues. The specific topic was how these expenditures impact a communities needs.

Salsbury moved to send Item N. Bonding and Advancing; and Item I. Off-System Spending to UCFS Committee; and Item J. Construction Standards, Perpetual Pavement Rehabilitation to the NSS Committee. Second by Pagel. The motion was approved unanimously. Chair Metso noted that the motion did not include a timeframe for a recommendation from each committee, but asked the chairs of UCFS and NSS to report to the Board at the Fall Meeting.

B. State Aid Report

Skallman reviewed Trunk Highway Turnbacks and a report was presented to the Board. The Turnback Task Force was setup in 1996 and the final report was distributed in 1998. MnDOT has a number of turnback projects, mainly in the Metro area that will be pursued in the next few years. If you have a turnback project in the FY 08/09 program contact your DSAE.

Simmons reported on the Local Road Research Program. There are 115 applications. There is \$5.0 million available in the Regional Significance

Account and \$5.0 million in the Rural Safety Account, which is mainly for Counties.

III. Thanks

Chair Metso thanked:

- Melvin Odoms, Chair of the Needs Study Subcommittee.
- Tom Drake and Lee Gustafson, Past Chairs of the Municipal Screening Board and for representing the Unencumbered Construction Funds Subcommittee
- Screening Board members
- District State Aid Engineers and State-Aid staff
- Mark Gieseke and the Mission Study Steering Committee
- Marshall Johnston and Julie Skallman
- Tom Colbert for representing and reporting on LRRB
- Others in attendance for their participation and interest.

IV. Announcements:

Metso noted that he is still looking for representatives for the Functional Class Advisory Committee and the Truck Weight Study. No representatives from the Board were noted.

Metso announced that the Fall Screening Board meeting will be Tuesday and Wednesday, October 18th and 19th at Rutters Bay Lake Lodge, north of Garrison.

V. Adjournment:

A motion was made by Johnson to adjourn, second by Bloom and adopted without opposition.

Respectfully submitted,

R. Charles Ahl
MSA Screening Board Secretary
City Engineer – Maplewood

From: Marshall Johnston
To: David Jessup; Lee Gustafson; Melvin Odens; Shelly Pederson; Tim Loose; Tom Drake
Date: 9/6/05 11:40AM
Subject: Subcommittee issues

Subcommittee members,
Below is an excerpt from the minutes of the Spring Municipal Screening Board meeting (these minutes will be published in the fall booklet):

Salsbury moved to send Item N. Bonding and Advancing; and Item I. Off-System Spending to UCFS Committee; and Item J. Construction Standards, Perpetual Pavement Rehabilitation to the NSS Committee. Second by Pagel. The motion was approved unanimously. Chair Metso noted that the motion did not include a time frame for a recommendation from each committee, but asked the chairs of UCFS and NSS to report to the Board at the Fall Meeting.

For several different reasons, I will not be able to prepare the background info for your subcommittees to meet before the Fall SB meeting.

As the minutes say, there is no time frame for recommendations on these items.

However, after discussing it over with Rick Kjonaas, we feel that the Bond Account Adjustment issue is the most straightforward of the options. The post 1996 method does not take into account monies that have not yet been spent. It gives the cities a positive adjustment for dollars not yet spent. I am recommending going back to the pre 1996 method.

I have attached a draft copy of the Bond Account issue, a recommended method of resolving the issue and suggested wording for a Screening Board resolution revision. This is a UCFS issue. Would the members of that committee please review the attached word document and get back to me with a recommendation? If you agree with this method of resolving it, this info will go into the Fall booklet and discussed at all the District prescreening board meetings. If not, the inequitable adjustment will continue for at least another year.

Because of the timing issues, if the UCFS wants to meet to discuss it, it will have to be next week.

Thanks,
Marshall

R. Marshall Johnston
Manager, MSAS Needs Unit
395 John Ireland Blvd. MS 500
St. Paul, MN 55155
Phone: (651)296-6677
Fax: (651)282-2727
marshall.johnston@dot.state.mn.us

CC: Dan Simon; Julie Skallman; Mike Metso; Rick Kjonaas

BOND ACCOUNT ADJUSTMENT

*Report to the Unencumbered Construction Funds Subcommittee
Fall 2005*

Currently, the Bond Account adjustment to the Construction Needs is computed two different ways. Please see pages 66 and 67 of the January 2005 booklet.

State Aid believes the pre 1996 method should be reinstated for all bonds for the following reasons:

The pre 1996 method makes the adjustment based upon the actual repayment schedule set up between the city and the bonding company.

The pre 1996 method takes into account the amount of the bond issue that has not yet been applied.

The post 1996 method gives the city a positive adjustment whether or not the bond has been applied to SA projects.

PROPOSED WORDING FOR BOND ACCOUNT ADJUSTMENT RESOLUTION

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

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

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

~~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.~~

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 2004)

(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) Unamortized bond balance minus unencumbered balance = bond account adjustment.

Excel/subcommittee issues/ucfs/bond account adjustment 2005.xls

		(A)	(B)	(C)	(D)	(E)	(D minus C)
			Total	(A Minus B)	Remaining		
			Amount	Amount Not	Amount of	Off System	
			Applied Toward	Applied Toward	Principal	Disburse-	
Municipality	Date of	Amount of	State Aid	State Aid	To Be Paid	ment	Bond
	Issue	Issue	Projects	Projects			Account
							Adjustment
Andover	6-28-01	\$2,755,000	\$2,755,000	\$0	\$2,340,000	\$499,644	\$2,340,000
Apple Valley	9-09-91	1,730,000	1,730,000	0	400,000	779,446	400,000
Brooklyn Center	12-01-98	1,945,000	1,945,000	0	575,000		575,000
Cambridge	8-01-94	650,000	641,142	8,858 *	365,000		356,142
Eagan	12-01-96	995,000	205,078	789,922	0		0
Glencoe	06-01-03	974,000	0	974,000	926,000		(48,000)
Glencoe	08-01-98	155,000	0	155,000	0		0
Lake Elmo	10-01-01	1,080,000	1,080,000	0	950,000		950,000
Lakeville	08-21-00	4,290,000	4,290,000	0	3,775,000	4,290,000	3,775,000
Lakeville	12-01-01	1,080,000	1,080,000	0	955,000	1,080,000	955,000
Maple Grove	11-01-94	3,620,000	3,620,000	0	0		0
North Branch	10-23-00	320,000	161,790	158,210	60,000		(98,210)
North Branch	8-01-02	785,000	0	785,000	745,000		(40,000)
North Branch	8-01-04	1,360,000	0	1,360,000	1,360,000		0
North Mankato	08-01-98	1,900,000	1,900,000	0	1,295,000		1,295,000
Sartell	07-24-00	1,650,000	1,650,000	0	1,310,000		1,310,000
Savage	10-01-97	820,000	820,000	0	590,000		590,000
Savage	04-02-00	800,000	0	800,000	635,000		(165,000)
Savage	06-17-96	717,775	8,051	709,724	482,775		(226,949)
St. Anthony	07-01-00	950,000	0	950,000	740,000		(210,000)
St. Cloud	11-01-92	1,940,000	1,755,000	185,000	110,000	1,755,000	(75,000)
Woodbury	06-01-02	1,455,000	1,425,000	30,000	475,000		445,000
Woodbury*	07-20-01	4,589,700	0	4,589,700	4,209,700		(380,000)
TOTAL		\$36,561,475	\$25,066,061	\$11,495,414	\$22,298,475	\$8,404,090	\$11,747,983

* Overhead costs

THEORETICAL 2006 M.S.A.S. POPULATION APPORTIONMENT

The 2000 Federal Census or the State Demographer's and Metropolitan Council's 2004 population estimate, whichever is greater, will be used to allocate 50% of the funds for the 2006 apportionment.

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

Sec. 6. [STATE AID FOR CITIES.]

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

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

Fifty percent of the total sum is distributed on a prorated share that each city population bears to the total population. Each city will earn approximately **\$16.00** per capita in apportionment from the 2006 population apportionment distribution. This projection will be somewhat revised when the actual revenue for the 2006 apportionment becomes available.

Any adjustments made to the 2004 population estimates will be presented in the January 2006 booklet. These adjustments could include population adjustments due to annexations and detachments and any revisions to the 2004 estimates.

Based upon the 2004 population estimates, 2 new cities will be added to the distribution. Albertville, in Wright County, with a population of 5,368 will be included in District 3. Minnetrista, in Hennepin County, with a population of 5,250 will be included in Metro West. This brings the cities sharing in the MSAS allocation to 138.

2006 POPULATION SUMMARY

The 2005 and 2006 populations used for allocation are based on 2000 Federal Census or State Demographer and Met Council estimates, whichever is greater.

N:\MSAS\EXCEL\2005\OCTOBER 2005 BOOK \POPULATION SUMMARY OCTOBER 2005.XLS

Municipality	2000 Census	2003 Population Estimates	2004 Population Estimates	Population Used for 2005 Allocation	Population to be used for 2006 Allocation	Difference between Populations used in 2005 & 2006 Allocation
Albert Lea	18,366	18,112	18,140	18,366	18,366	0
Albertville	3,621	0	5,368	0	5,368	5,368
Alexandria	9,115	10,165	10,421	10,165	10,421	256
Andover	26,588	28,939	29,262	28,939	29,262	323
Anoka	18,076	18,275	18,150	18,275	18,150	(125)
Apple Valley	45,527	48,418	48,875	48,418	48,875	457
Arden Hills	9,652	9,457	9,620	9,652	9,652	0
Austin	23,314	23,685	23,749	23,685	23,749	64
Baxter	5,555	6,564	6,887	6,564	6,887	323
Belle Plaine	3,789	5,002	5,300	5,002	5,300	298
Bemidji	11,931	12,765	12,962	12,765	12,962	197
Big Lake	6,063	7,707	8,303	7,707	8,303	596
Blaine	44,942	49,962	51,002	49,962	51,002	1,040
Bloomington	85,172	85,301	85,442	85,301	85,442	141
Brainerd	13,382	13,793	13,798	13,793	13,798	5
Brooklyn Center	29,172	29,174	29,005	29,174	29,172	(2)
Brooklyn Park	67,388	68,715	68,992	68,715	68,992	277
Buffalo	10,104	12,123	12,735	12,123	12,735	612
Burnsville	60,220	61,355	61,425	61,355	61,425	70
Cambridge	5,520	6,306	6,642	6,306	6,642	336
Champlin	22,193	22,925	23,659	22,925	23,659	734
Chanhassen	20,321	21,600	22,042	21,600	22,042	442
Chaska	17,449	20,260	21,478	20,260	21,478	1,218
Chisholm	4,960	4,831	4,804	5,000	5,000	0
Cloquet	11,201	11,499	11,548	11,499	11,548	49
Columbia Heights	18,520	18,698	18,600	18,698	18,600	(98)
Coon Rapids	61,607	62,295	62,243	62,295	62,243	(52)
Corcoran	5,630	5,850	5,875	5,850	5,875	25
Cottage Grove	30,582	31,437	31,774	31,437	31,774	337
Crookston	8,192	8,104	8,066	8,192	8,192	0
Crystal	22,698	23,012	22,831	23,012	22,831	(181)
Detroit Lakes	7,425	7,737	7,929	7,737	7,929	192
Duluth	86,319	86,082	85,782	86,319	86,319	0
Eagan	63,557	64,975	65,764	64,975	65,764	789

Municipality	2000 Census	2003 Population Estimates	2004 Population Estimates	Population Used for 2005 Allocation	Population to be used for 2006 Allocation	Difference between Populations used in 2005 & 2006 Allocation
East Bethel	10,941	11,230	11,405	11,230	11,405	175
East Grand Forks	7,501	7,634	7,769	7,634	7,769	135
Eden Prairie	54,901	59,325	60,460	59,325	60,460	1,135
Edina	47,425	48,156	48,050	48,156	48,050	(106)
Elk River	16,447	18,758	20,240	18,758	20,240	1,482
Fairmont	10,889	10,778	10,747	10,889	10,889	0
Falcon Heights	5,572	5,579	5,560	5,579	5,572	(7)
Faribault	20,835	22,040	22,218	22,040	22,218	178
Farmington	12,382	15,549	16,775	15,549	16,775	1,226
Fergus Falls	13,620	13,793	13,780	13,793	13,780	(13)
Forest Lake	14,440	15,692	16,800	15,692	16,800	1,108
Fridley	27,449	27,480	27,088	27,480	27,449	(31)
Glencoe	5,453	5,633	5,668	5,633	5,668	35
Golden Valley	20,281	20,736	20,674	20,736	20,674	(62)
Grand Rapids	7,892	8,488	8,478	8,488	8,478	(10)
Ham Lake	12,710	14,034	14,508	14,034	14,508	474
Hastings	18,204	19,782	20,546	19,782	20,546	764
Hermantown	8,047	8,336	8,599	8,336	8,599	263
Hibbing	17,071	16,800	16,672	17,071	17,071	0
Hopkins	17,145	17,643	17,675	17,643	17,675	32
Hugo	6,363	8,375	8,760	8,375	8,760	385
Hutchinson	13,081	13,546	13,616	13,546	13,616	70
International Falls	6,707	6,537	6,447	6,707	6,707	0
Inver Grove Heights	29,751	31,053	32,193	31,053	32,193	1,140
Kasson	4,398	5,070	5,230	5,070	5,230	160
LaCrescent	4,923	5,072	5,114	5,072	5,114	42
Lake City	5,054	5,266	5,284	5,266	5,284	18
Lake Elmo	6,863	7,666	7,790	7,666	7,790	124
Lakeville	43,128	47,523	49,097	47,523	49,097	1,574
Lino Lakes	16,791	18,368	18,725	18,368	18,725	357
Litchfield	6,562	6,742	6,801	6,742	6,801	59
Little Canada	9,771	9,890	9,890	9,890	9,890	0
Little Falls	7,723	8,229	8,304	8,229	8,304	75
Mahtomedi	7,563	8,050	8,105	8,050	8,105	55
Mankato	32,427	33,852	34,597	33,852	34,597	745
Maple Grove	50,365	55,278	56,754	55,278	56,754	1,476
Maplewood	34,947	35,763	35,892	35,763	35,892	129
Marshall	12,717	12,788	12,874	12,788	12,874	86
Mendota Heights	11,434	11,635	11,720	11,635	11,720	85

Municipality	2000 Census	2003 Population Estimates	2004 Population Estimates	Population Used for 2005 Allocation	Population to be used for 2006 Allocation	Difference between Populations used in 2005 & 2006 Allocation
Minneapolis	382,618	382,295	382,400	382,618	382,618	0
Minnetonka	51,301	51,658	51,480	51,658	51,480	(178)
Minnetrista	4,358	0	5,250	0	5,250	5,250
Montevideo	5,346	5,448	5,446	5,448	5,446	(2)
Monticello	7,868	9,779	10,211	9,779	10,211	432
Moorhead	32,179	32,720	33,485	32,720	33,485	765
Morris	5,173	5,212	5,128	5,212	5,173	(39)
Mound	9,435	9,630	9,740	9,630	9,740	110
Mounds View	12,738	12,865	12,865	12,865	12,865	0
New Brighton	22,206	22,332	22,333	22,332	22,333	1
New Hope	20,873	20,908	20,748	20,908	20,873	(35)
New Prague	4,559	5,391	6,046	5,391	6,046	655
New Ulm	13,594	13,798	13,936	13,798	13,936	138
North Branch	8,023	9,399	9,978	9,399	9,978	579
North Mankato	11,800	12,435	12,489	12,435	12,489	54
North St. Paul	11,929	12,273	12,273	12,273	12,273	0
Northfield	17,147	18,256	18,584	18,256	18,584	328
Oak Grove	6,903	7,290	7,455	7,290	7,455	165
Oakdale	26,653	27,605	27,657	27,605	27,657	52
Orono	7,538	7,687	7,728	7,687	7,728	41
Otsego	6,389	9,356	9,893	9,356	9,893	537
Owatonna	22,436	23,385	23,843	23,385	23,843	458
Plymouth	65,894	70,238	70,682	70,238	70,682	444
Prior Lake	15,917	19,863	21,156	19,863	21,156	1,293
Ramsey	18,510	19,208	20,040	19,208	20,040	832
Red Wing	16,116	16,191	16,274	16,191	16,274	83
Redwood Falls	5,459	5,370	5,348	5,459	5,459	0
Richfield	34,439	34,502	34,496	34,502	34,496	(6)
Robbinsdale	14,123	14,068	13,950	14,123	14,123	0
Rochester	86,806	93,040	94,820	93,040	94,820	1,780
Rogers	3,588	5,580	5,760	5,580	5,760	180
Rosemount	14,619	16,794	17,740	16,794	17,740	946
Roseville	33,690	34,080	34,080	34,080	34,080	0
Saint Anthony	8,102	8,012	7,855	8,102	8,102	0
Saint Cloud	59,111	62,853	63,789	62,853	63,789	936
Saint Francis	4,910	6,177	6,500	6,177	6,500	323
Saint Joseph	4,681	5,234	5,438	5,234	5,438	204
Saint Louis Park	44,126	44,896	44,511	44,896	44,511	(385)
Saint Michael	9,099	12,343	13,292	12,343	13,292	949

Municipality	2000 Census	2003 Population Estimates	2004 Population Estimates	Population Used for 2005 Allocation	Population to be used for 2006 Allocation	Difference between Populations used in 2005 & 2006 Allocation
Saint Paul	287,151	287,604	287,410	287,604	287,410	(194)
Saint Paul Park	5,070	5,052	5,052	5,070	5,070	0
Saint Peter	9,747	10,214	10,401	10,214	10,401	187
Sartell	9,666	11,594	12,629	11,594	12,629	1,035
Sauk Rapids	10,221	11,692	12,216	11,692	12,216	524
Savage	21,115	23,570	24,018	23,570	24,018	448
Shakopee	20,570	24,967	28,913	24,967	28,913	3,946
Shoreview	25,924	26,475	26,381	26,475	26,381	(94)
Shorewood	7,400	7,595	7,625	7,595	7,625	30
South St. Paul	20,167	20,304	20,249	20,304	20,249	(55)
Spring Lake Park	6,772	6,833	6,805	6,833	6,805	(28)
Stewartville	5,431	5,650	5,703	5,650	5,703	53
Stillwater	15,143	16,673	17,215	16,673	17,215	542
Thief River Falls	8,410	8,488	8,441	8,488	8,441	(47)
Vadnais Heights	13,069	13,270	13,270	13,270	13,270	0
Victoria	4,025	5,204	5,480	5,204	5,480	276
Virginia	9,157	8,981	8,953	9,157	9,157	0
Waconia	6,821	8,020	8,622	8,020	8,622	602
Waite Park	6,568	6,696	6,757	6,696	6,757	61
Waseca	9,617	9,684	9,691	9,684	9,691	7
West St. Paul	19,405	19,655	19,481	19,655	19,481	(174)
White Bear Lake	24,325	24,909	24,922	24,909	24,922	13
Willmar	18,488	18,597	18,659	18,597	18,659	62
Winona	27,069	27,018	27,221	27,069	27,221	152
Woodbury	46,463	49,329	50,050	49,329	50,050	721
Worthington	11,287	11,300	11,307	11,300	11,307	7
TOTAL	3,317,261	3,440,837	3,491,548	3,443,134	3,495,147	52,013

2006 TENTATIVE POPULATION APPORTIONMENT

N:\MSAS\EXCEL\OCTOBER 2005 BOOK\ POPULATION APPORTIONMENT FOR 2006 TENTATIVE.XLS

Municipality	Population Used for 2005 Allocation	Population to be used for 2006 Allocation	2005 Apport. Using 2000 Census or 03 Estimate	Tentative 2006 Apport. Using 2000 Census or 04 Estimate	Difference Between 2005 & 06 Apport.	% Increase (Decrease)
Albert Lea	18,366	18,366	\$298,239	\$293,800	(\$4,439)	-1.49%
Albertville	0	5,368	0	85,872	85,872	100.00%
Alexandria	10,165	10,421	165,066	166,704	1,638	0.99%
Andover	28,939	29,262	469,930	468,103	(1,827)	-0.39%
Anoka	18,275	18,150	296,761	290,345	(6,416)	-2.16%
Apple Valley	48,418	48,875	786,242	781,852	(4,390)	-0.56%
Arden Hills	9,652	9,652	156,735	154,403	(2,332)	-1.49%
Austin	23,685	23,749	384,612	379,912	(4,700)	-1.22%
Baxter	6,564	6,887	106,590	110,171	3,581	3.36%
Belle Plaine	5,002	5,300	81,226	84,784	3,558	4.38%
Bemidji	12,765	12,962	207,286	207,353	67	0.03%
Big Lake	7,707	8,303	125,151	132,823	7,672	6.13%
Blaine	49,962	51,002	811,314	815,878	4,564	0.56%
Bloomington	85,301	85,442	1,385,171	1,366,813	(18,358)	-1.33%
Brainerd	13,793	13,798	223,979	220,726	(3,253)	-1.45%
Brooklyn Center	29,174	29,172	473,746	466,664	(7,082)	-1.49%
Brooklyn Park	68,715	68,992	1,115,837	1,103,663	(12,174)	-1.09%
Buffalo	12,123	12,735	196,861	203,721	6,860	3.48%
Burnsville	61,355	61,425	996,321	982,614	(13,707)	-1.38%
Cambridge	6,306	6,642	102,401	106,252	3,851	3.76%
Champlin	22,925	23,659	372,271	378,472	6,201	1.67%
Chanhassen	21,600	22,042	350,754	352,605	1,851	0.53%
Chaska	20,260	21,478	328,995	343,583	14,588	4.43%
Chisholm	5,000	5,000	81,193	79,985	(1,208)	-1.49%
Cloquet	11,499	11,548	186,728	184,733	(1,995)	-1.07%
Columbia Heights	18,698	18,600	303,630	297,544	(6,086)	-2.00%
Coon Rapids	62,295	62,243	1,011,585	995,700	(15,885)	-1.57%
Corcoran	5,850	5,875	94,996	93,982	(1,014)	-1.07%
Cottage Grove	31,437	31,774	510,494	508,288	(2,206)	-0.43%
Crookston	8,192	8,192	133,027	131,047	(1,980)	-1.49%
Crystal	23,012	22,831	373,683	365,227	(8,456)	-2.26%
Detroit Lakes	7,737	7,929	125,638	126,840	1,202	0.96%
Duluth	86,319	86,319	1,401,702	1,380,843	(20,859)	-1.49%
Eagan	64,975	65,764	1,055,105	1,052,025	(3,080)	-0.29%
East Bethel	11,230	11,405	182,360	182,445	85	0.05%
East Grand Forks	7,634	7,769	123,966	124,280	314	0.25%
Eden Prairie	59,325	60,460	963,357	967,177	3,820	0.40%

Municipality	Population Used for 2005 Allocation	Population to be used for 2006 Allocation	2005 Apport. Using 2000 Census or 03 Estimate	Tentative 2006 Apport. Using 2000 Census or 04 Estimate	Difference Between 2005 & 06 Apport.	% Increase (Decrease)
Edina	48,156	48,050	\$781,987	\$768,655	(\$13,332)	-1.70%
Elk River	18,758	20,240	304,604	323,779	19,175	6.30%
Fairmont	10,889	10,889	176,822	174,191	(2,631)	-1.49%
Falcon Heights	5,579	5,572	90,595	89,135	(1,460)	-1.61%
Faribault	22,040	22,218	357,899	355,421	(2,478)	-0.69%
Farmington	15,549	16,775	252,494	268,349	15,855	6.28%
Fergus Falls	13,793	13,780	223,979	220,438	(3,541)	-1.58%
Forest Lake	15,692	16,800	254,817	268,749	13,932	5.47%
Fridley	27,480	27,449	446,238	439,101	(7,137)	-1.60%
Glencoe	5,633	5,668	91,472	90,671	(801)	-0.88%
Golden Valley	20,736	20,674	336,724	330,721	(6,003)	-1.78%
Grand Rapids	8,488	8,478	137,833	135,622	(2,211)	-1.60%
Ham Lake	14,034	14,508	227,893	232,084	4,191	1.84%
Hastings	19,782	20,546	321,233	328,674	7,441	2.32%
Hermantown	8,336	8,599	135,365	137,558	2,193	1.62%
Hibbing	17,071	17,071	277,210	273,084	(4,126)	-1.49%
Hopkins	17,643	17,675	286,498	282,747	(3,751)	-1.31%
Hugo	8,375	8,760	135,999	140,133	4,134	3.04%
Hutchinson	13,546	13,616	219,968	217,815	(2,153)	-0.98%
International Falls	6,707	6,707	108,912	107,292	(1,620)	-1.49%
Inver Grove Heights	31,053	32,193	504,258	514,991	10,733	2.13%
Kasson	5,070	5,230	82,330	83,664	1,334	1.62%
La Crescent	5,072	5,114	82,362	81,809	(553)	-0.67%
Lake City	5,266	5,284	85,513	84,528	(985)	-1.15%
Lake Elmo	7,666	7,790	124,485	124,616	131	0.11%
Lakeville	47,523	49,097	771,708	785,403	13,695	1.77%
Lino Lakes	18,368	18,725	298,271	299,543	1,272	0.43%
Litchfield	6,742	6,801	109,481	108,795	(686)	-0.63%
Little Canada	9,890	9,890	160,600	158,210	(2,390)	-1.49%
Little Falls	8,229	8,304	133,628	132,839	(789)	-0.59%
Mahtomedi	8,050	8,105	130,721	129,655	(1,066)	-0.82%
Mankato	33,852	34,597	549,710	553,447	3,737	0.68%
Maple Grove	55,278	56,754	897,639	907,892	10,253	1.14%
Maplewood	35,763	35,892	580,742	574,163	(6,579)	-1.13%
Marshall	12,788	12,874	207,660	205,945	(1,715)	-0.83%
Mendota Heights	11,635	11,720	188,936	187,485	(1,451)	-0.77%
Minneapolis	382,618	382,618	6,213,192	6,120,730	(92,462)	-1.49%
Minnetonka	51,658	51,480	838,855	823,524	(15,331)	-1.83%
Minnetrista	0	5,250	0	83,984	83,984	100.00%
Montevideo	5,448	5,446	88,468	87,120	(1,348)	-1.52%
Monticello	9,779	10,211	158,798	163,345	4,547	2.86%
Moorhead	32,720	33,485	531,328	535,659	4,331	0.82%
Morris	5,212	5,173	84,636	82,752	(1,884)	-2.23%
Mound	9,630	9,740	156,378	155,811	(567)	-0.36%
Mounds View	12,865	12,865	208,910	205,801	(3,109)	-1.49%
New Brighton	22,332	22,333	362,641	357,260	(5,381)	-1.48%

Municipality	Population Used for 2005 Allocation	Population to be used for 2006 Allocation	2005 Apport. Using 2000 Census or 03 Estimate	Tentative	Difference Between 2005 & 06 Apport.	% Increase (Decrease)
				2006 Apport. Using 2000 Census or 04 Estimate		
New Hope	20,908	20,873	\$339,517	\$333,905	(\$5,612)	-1.65%
New Prague	5,391	6,046	87,542	96,718	9,176	10.48%
New Ulm	13,798	13,936	224,061	222,934	(1,127)	-0.50%
North Branch	9,399	9,978	152,627	159,618	6,991	4.58%
North Mankato	12,435	12,489	201,927	199,786	(2,141)	-1.06%
North St. Paul	12,273	12,273	199,297	196,331	(2,966)	-1.49%
Northfield	18,256	18,584	296,452	297,288	836	0.28%
Oak Grove	7,290	7,455	118,380	119,257	877	0.74%
Oakdale	27,605	27,657	448,267	442,428	(5,839)	-1.30%
Orono	7,687	7,728	124,826	123,625	(1,201)	-0.96%
Otsego	9,356	9,893	151,929	158,258	6,329	4.17%
Owatonna	23,385	23,843	379,740	381,416	1,676	0.44%
Plymouth	70,238	70,682	1,140,569	1,130,698	(9,871)	-0.87%
Prior Lake	19,863	21,156	322,548	338,432	15,884	4.92%
Ramsey	19,208	20,040	311,912	320,579	8,667	2.78%
Red Wing	16,191	16,274	262,920	260,335	(2,585)	-0.98%
Redwood Falls	5,459	5,459	88,647	87,327	(1,320)	-1.49%
Richfield	34,502	34,496	560,265	551,832	(8,433)	-1.51%
Robbinsdale	14,123	14,123	229,338	225,925	(3,413)	-1.49%
Rochester	93,040	94,820	1,510,842	1,516,833	5,991	0.40%
Rogers	5,580	5,760	90,612	92,143	1,531	1.69%
Rosemount	16,794	17,740	272,712	283,786	11,074	4.06%
Roseville	34,080	34,080	553,412	545,177	(8,235)	-1.49%
St. Anthony	8,102	8,102	131,565	129,607	(1,958)	-1.49%
St. Cloud	62,853	63,789	1,020,647	1,020,431	(216)	-0.02%
St. Francis	6,177	6,500	100,306	103,980	3,674	3.66%
St. Joseph	5,234	5,438	84,993	86,992	1,999	2.35%
St. Louis Park	44,896	44,511	729,049	712,041	(17,008)	-2.33%
St. Michael	12,343	13,292	200,433	212,632	12,199	6.09%
St. Paul	287,604	287,410	4,670,295	4,597,690	(72,605)	-1.55%
St. Paul Park	5,070	5,070	82,330	81,105	(1,225)	-1.49%
St. Peter	10,214	10,401	165,861	166,385	524	0.32%
Sartell	11,594	12,629	188,271	202,026	13,755	7.31%
Sauk Rapids	11,692	12,216	189,862	195,419	5,557	2.93%
Savage	23,570	24,018	382,744	384,215	1,471	0.38%
Shakopee	24,967	28,913	405,430	462,520	57,090	14.08%
Shoreview	26,475	26,381	429,918	422,016	(7,902)	-1.84%
Shorewood	7,595	7,625	123,332	121,977	(1,355)	-1.10%
South St. Paul	20,304	20,249	329,709	323,923	(5,786)	-1.75%
Spring Lake Park	6,833	6,805	110,959	108,859	(2,100)	-1.89%
Stewartville	5,650	5,703	91,748	91,231	(517)	-0.56%
Stillwater	16,673	17,215	270,747	275,388	4,641	1.71%
Thief River Falls	8,488	8,441	137,833	135,030	(2,803)	-2.03%
Vadnais Heights	13,270	13,270	215,487	212,280	(3,207)	-1.49%
Victoria	5,204	5,480	84,506	87,663	3,157	3.74%
Virginia	9,157	9,157	148,697	146,484	(2,213)	-1.49%
Waconia	8,020	8,622	130,234	137,926	7,692	5.91%

Municipality	Population Used for 2005 Allocation	Population to be used for 2006 Allocation	2005 Apport. Using 2000 Census or 03 Estimate	Tentative	Difference Between 2005 & 06 Apport.	% Increase (Decrease)
				2006 Apport. Using 2000 Census or 04 Estimate		
Waite Park	6,696	6,757	\$108,734	\$108,092	(\$642)	-0.59%
Waseca	9,684	9,691	157,255	155,027	(2,228)	-1.42%
West St. Paul	19,655	19,481	319,170	311,637	(7,533)	-2.36%
White Bear Lake	24,909	24,922	404,488	398,677	(5,811)	-1.44%
Willmar	18,597	18,659	301,990	298,488	(3,502)	-1.16%
Winona	27,069	27,221	439,563	435,454	(4,109)	-0.93%
Woodbury	49,329	50,050	801,035	800,650	(385)	-0.05%
Worthington	11,300	11,307	183,497	180,879	(2,618)	-1.43%
TOTAL	3,443,134	3,495,147	\$55,911,774	\$55,911,774	\$0	

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

2005 \$55,911,774 Equals \$16.2386 Per person
 3,443,134

2006 \$55,911,774 Equals \$15.9970 Per person
 3,495,147

The population difference between 2005 and 2006 for allocation purposes is 52,013

55 Cities Increased their estimated population apportionment.
83 Cities Decreased their estimated population apportionment.

Effects of the 2005 Needs Study Update

The following tabulation reflects the total difference between the 2004 and the 2005 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. 2005 Traffic Count Update -- is the result of the 2004 traffic counts updated in 2005. Traffic Data Management Services completed 9 municipalities whose traffic was counted in 2004.**
- 3. 2005 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 2005 Spring Meeting.**
- 4. 2005 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 2005 Spring Meeting.**
- 5. 2005 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 2005.**

The resulting 2005 25-year Construction Needs as adjusted in the "2005 Adjusted Construction Needs" spreadsheet in this booklet will be used in computing the 2006 Construction (money) needs apportionment.

EFFECTS OF THE 2005 M.S.A.S NEEDS STUDY UPDATE

EFFECTS OF THE REVISIONS TO THE 2004 UPDATE MADE IN 2005
Does not include the new cities of Albertville and Minnetrista

Municipality	2004 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	2005 Unadjusted Construction Needs	Net Change	Percent of change 2004 to 2005
Albert Lea	\$18,266,186	\$5,979,023	32.73%	\$933,341	5.11%			\$72,720	0.40%	\$25,251,270	\$6,985,084	38.24%
Alexandria	17,190,308	1,506,911	8.77%	888,060	5.17%					19,585,279	2,394,971	13.93%
Andover	25,716,368	4,514,371	17.55%	1,312,241	5.10%					31,542,980	5,826,612	22.66%
Anoka	11,631,782	325,751	2.80%	528,090	4.54%					12,485,623	853,841	7.34%
Apple Valley	30,556,187	(1,516,932)	-4.96%	1,478,562	4.84%					30,517,817	(38,370)	-0.13%
Arden Hills	7,200,924	(39,877)	-0.55%	311,524	4.33%					7,472,571	271,647	3.77%
Austin	32,213,311	1,522,057	4.72%	1,006,078	3.12%	\$104,296	0.32%	746,640	2.32%	35,592,382	3,379,071	10.49%
Baxter	8,699,683	(2,508,155)	-28.83%	297,222	3.42%					6,488,750	(2,210,933)	-25.41%
Belle Plaine	6,704,914	No Updates	0.00%	308,712	4.60%					7,013,626	308,712	4.60%
Bemidji	10,613,676	323,948	3.05%	477,277	4.50%			70,574	0.66%	11,485,475	871,799	8.21%
Big Lake	5,398,349	376,480	6.97%	268,433	4.97%					6,043,262	644,913	11.95%
Blaine	27,304,786	(1,028,319)	-3.77%	1,183,331	4.33%					27,459,798	155,012	0.57%
Bloomington	86,716,702	72,427	0.08%	3,887,587	4.48%			169,833	0.20%	90,846,549	4,129,847	4.76%
Brainerd	10,505,949	1,304,423	12.42%	562,579	5.35%					12,372,951	1,867,002	17.77%
Brooklyn Center	14,691,253	(273,710)	-1.86%	710,001	4.83%					15,127,544	436,291	2.97%
Brooklyn Park	25,444,103	(3,324)	-0.01%	1,259,917	4.95%					26,700,696	1,256,593	4.94%
Buffalo	15,749,560	2,041,594	12.96%	747,351	4.75%	63,692	0.40%			18,602,197	2,852,637	18.11%
Burnsville	44,310,252	1,869,922	4.22%	2,337,543	5.28%					48,517,717	4,207,465	9.50%
Cambridge	6,917,114	(447,951)	-6.48%	268,555	3.88%			71,971	1.04%	6,809,689	(107,425)	-1.55%
Champlin	9,190,226	610,478	6.64%	462,607	5.03%					10,263,311	1,073,085	11.68%
Chanhassen	12,051,775	1,949,289	16.17%	654,669	5.43%			37,632	0.31%	14,693,365	2,641,590	21.92%
Chaska	11,262,201	55,145	0.49%	517,039	4.59%					11,834,385	572,184	5.08%
Chisholm	7,140,072	878,845	12.31%	356,100	4.99%			14,160	0.20%	8,389,177	1,249,105	17.49%
Cloquet	17,755,629	2,861,614	16.12%	898,389	5.06%					21,515,632	3,760,003	21.18%
Columbia Heights	13,643,377	1,338,960	9.81%	719,545	5.27%					15,701,882	2,058,505	15.09%
Coon Rapids	32,229,334	1,121,848	3.48%	1,492,194	4.63%			271,008	0.84%	35,114,384	2,885,050	8.95%
Corcoran	7,287,947	628,432	8.62%	299,980	4.12%					8,216,359	928,412	12.74%
Cottage Grove	30,500,378	(260,430)	-0.85%	1,421,007	4.66%			82,080	0.27%	31,743,035	1,242,657	4.07%
Crookston	19,365,967	(658,821)	-3.40%	476,580	2.46%			610,570	3.15%	19,794,296	428,329	2.21%
Crystal	14,364,734	2,164,483	15.07%	702,436	4.89%					17,231,653	2,866,919	19.96%
Detroit Lakes	10,306,500	1,407,811	13.66%	529,182	5.13%	(733)	-0.01%			12,242,760	1,936,260	18.79%
Duluth	120,124,486	3,549,697	2.96%	5,399,710	4.50%			1,069,762	0.89%	130,143,655	10,019,169	8.34%
Eagan	24,176,210	2,622,977	10.85%	1,399,136	5.79%					28,198,323	4,022,113	16.64%
East Bethel	19,860,697	1,917,793	9.66%	902,601	4.54%					22,681,091	2,820,394	14.20%
East Grand Forks	14,318,073	(187,948)	-1.31%	582,630	4.07%			153,000	1.07%	14,865,755	547,682	3.83%
Eden Prairie	45,088,601	719,629	1.60%	2,158,061	4.79%			117,360	0.26%	48,083,651	2,995,050	6.64%
Edina	34,044,821	464,498	1.36%	1,640,377	4.82%			111,455	0.33%	36,261,151	2,216,330	6.51%
Elk River	23,764,000	838,756	3.53%	1,062,473	4.47%					25,665,229	1,901,229	8.00%
Fairmont	24,846,689	319,330	1.29%	1,076,808	4.33%			14,400	0.06%	26,257,227	1,410,538	5.68%
Falcon Heights	2,616,703	No Updates	0.00%	124,068	4.74%					2,740,771	124,068	4.74%
Faribault	25,051,248	2,053,654	8.20%	1,106,469	4.42%			253,195	1.01%	28,464,566	3,413,318	13.63%
Farmington	16,156,615	739,863	4.58%	678,249	4.20%			18,547	0.11%	17,593,274	1,436,659	8.89%
Fergus Falls	22,395,558	(276,853)	-1.24%	887,330	3.96%			118,411	0.53%	23,124,446	728,888	3.25%
Forest Lake	21,867,451	257,567	1.18%	976,870	4.47%					23,101,888	1,234,437	5.65%
Fridley	18,945,213	2,211,215	11.67%	1,008,604	5.32%					22,165,032	3,219,819	17.00%
Glencoe	6,832,681	31,690	0.46%	334,455	4.89%					7,198,826	366,145	5.36%
Golden Valley	18,973,898	(595,183)	-3.14%	799,833	4.22%			76,186	0.40%	19,254,734	280,836	1.48%
Grand Rapids	13,873,952	2,010,060	14.49%	710,172	5.12%					16,594,184	2,720,232	19.61%
Ham Lake	22,267,500	3,700,288	16.62%	1,117,618	5.02%					27,085,406	4,817,906	21.64%
Hastings	12,058,889	718,977	5.96%	667,574	5.54%					13,445,440	1,386,551	11.50%
Hermantown	12,057,628	2,170,803	18.00%	632,264	5.24%					14,860,695	2,803,067	23.25%
Hibbing	41,334,235	1,600,188	3.87%	1,894,545	4.58%					44,828,968	3,494,733	8.45%
Hopkins	9,597,059	216,355	2.25%	469,251	4.89%					10,282,665	685,606	7.14%
Hugo	10,761,126	2,932,658	27.25%	528,739	4.91%					14,222,523	3,461,397	32.17%
Hutchinson	14,083,048	956,420	6.79%	674,858	4.79%			55,080	0.39%	15,769,406	1,686,358	11.97%

Municipality	2004 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	2005 Unadjusted Construction Needs	Net Change	Percent of change 2004 to 2005
International Falls	\$7,098,728	\$746,461	10.52%	\$405,898	5.72%	(\$1,274)	-0.02%			\$8,249,813	\$1,151,085	16.22%
Inver Grove Heights	22,692,024	16,105,402	70.97%	1,793,387	7.90%					40,590,813	17,898,789	78.88%
Kasson	5,793,711	No Updates	0.00%	270,733	4.67%					6,064,444	270,733	4.67%
La Crescent	7,110,172	(293,732)	-4.13%	337,273	4.74%					7,153,713	43,541	0.61%
Lake City	6,083,790	(399,868)	-6.57%	270,732	4.45%					5,954,654	(129,136)	-2.12%
Lake Elmo	5,549,205	269,240	4.85%	276,367	4.98%					6,094,812	545,607	9.83%
Lakeville	47,247,185	30,718	0.07%	2,230,160	4.72%					49,508,063	2,260,878	4.79%
Lino Lakes	17,698,681	(1,788,223)	-10.10%	729,911	4.12%					16,640,369	(1,058,312)	-5.98%
Litchfield	9,088,903	(60,472)	-0.67%	416,543	4.58%					9,444,974	356,071	3.92%
Little Canada	11,560,350	(357,205)	-3.09%	465,908	4.03%			\$77,760	0.67%	11,746,813	186,463	1.61%
Little Falls	16,483,192	No Updates	0.00%	757,843	4.60%					17,241,035	757,843	4.60%
Mahtomedi	5,505,061	(174,964)	-3.18%	222,734	4.05%					5,552,831	47,770	0.87%
Mankato	30,350,756	(764,045)	-2.52%	1,427,134	4.70%			20,208	0.07%	31,034,053	683,297	2.25%
Maple Grove	54,414,615	(501,343)	-0.92%	2,532,508	4.65%					56,445,780	2,031,165	3.73%
Maplewood	33,157,971	(9,272)	-0.03%	1,565,276	4.72%					34,713,975	1,556,004	4.69%
Marshall	17,107,165	(2,352,048)	-13.75%	698,130	4.08%			32,256	0.19%	15,485,503	(1,621,662)	-9.48%
Mendota Heights	8,717,616	2,419,966	27.76%	541,223	6.21%					11,678,805	2,961,189	33.97%
Minneapolis	308,047,133	1,334,029	0.43%	11,268,645	3.66%			2,829,792	0.92%	323,479,599	15,432,466	5.01%
Minnetonka	40,831,008	3,096,146	7.58%	2,159,576	5.29%					46,086,730	5,255,722	12.87%
Montevideo	5,986,862	(346,462)	-5.79%	285,719	4.77%	(605)	-0.01%			5,925,514	(61,348)	-1.02%
Monticello	6,568,757	2,516,619	38.31%	383,180	5.83%	118,388	1.80%			9,586,944	3,018,187	45.95%
Moorhead	33,921,907	7,461,771	22.00%	1,805,751	5.32%			362,534	1.07%	43,551,963	9,630,056	28.39%
Morris	4,360,546	363	0.01%	216,681	4.97%					4,577,590	217,044	4.98%
Mound	9,008,914	255,323	2.83%	439,116	4.87%					9,703,353	694,439	7.71%
Mounds View	9,468,614	478,833	5.06%	454,885	4.80%					10,402,332	933,718	9.86%
New Brighton	10,195,005	151,778	1.49%	461,114	4.52%					10,807,897	612,892	6.01%
New Hope	14,033,138	(57,737)	-0.41%	608,536	4.34%			90,720	0.65%	14,674,657	641,519	4.57%
New Prague	4,074,046	No Updates	0.00%	195,505	4.80%					4,269,551	195,505	4.80%
New Ulm	19,429,109	39,350	0.20%	768,832	3.96%			92,160	0.47%	20,329,451	900,342	4.63%
North Branch	14,340,263	(1,239,062)	-8.64%	617,410	4.31%			14,160	0.10%	13,732,771	(607,492)	-4.24%
North Mankato	12,250,682	(560,715)	-4.58%	596,624	4.87%					12,286,591	35,909	0.29%
North Saint Paul	11,652,329	(177,502)	-1.52%	554,990	4.76%					12,029,817	377,488	3.24%
Northfield	10,476,656	578,074	5.52%	396,102	3.78%			132,710	1.27%	11,583,542	1,106,886	10.57%
Oak Grove	19,888,011	562,550	2.83%	927,382	4.66%					21,377,943	1,489,932	7.49%
Oakdale	8,908,443	(317,967)	-3.57%	410,426	4.61%					9,000,902	92,459	1.04%
Orono	12,373,873	(1,095,224)	-8.85%	491,586	3.97%			6,020	0.05%	11,776,255	(597,618)	-4.83%
Otsego	12,898,062	3,893,871	30.19%	765,234	5.93%	(26,356)	-0.20%			17,530,811	4,632,749	35.92%
Owatonna	18,590,095	7,014,710	37.73%	932,035	5.01%			347,894	1.87%	26,884,734	8,294,639	44.62%
Plymouth	49,549,136	1,073,593	2.17%	2,487,833	5.02%			31,584	0.06%	53,142,146	3,593,010	7.25%
Prior Lake	15,232,433	2,408,014	15.81%	823,836	5.41%					18,464,283	3,231,850	21.22%
Ramsey	24,871,536	(827,864)	-3.33%	1,046,135	4.21%					25,089,807	218,271	0.88%
Red Wing	23,163,080	2,303,259	9.94%	1,123,160	4.85%					26,589,499	3,426,419	14.79%
Redwood Falls	8,107,543	(19,047)	-0.23%	388,295	4.79%					8,476,791	369,248	4.55%
Richfield	24,050,453	3,117,878	12.96%	1,108,182	4.61%					28,276,513	4,226,060	17.57%
Robbinsdale	10,838,950	198,791	1.83%	488,991	4.51%					11,526,732	687,782	6.35%
Rochester	60,651,587	6,533,949	10.77%	3,021,311	4.98%	512,647	0.85%	464,356	0.77%	71,183,850	10,532,263	17.37%
Rogers	4,496,530	(595,567)	-13.25%	194,540	4.33%					4,095,503	(401,027)	-8.92%
Rosemount	19,184,297	1,067,702	5.57%	886,097	4.62%					21,138,096	1,953,799	10.18%
Roseville	22,788,217	542,502	2.38%	1,061,045	4.66%			63,840	0.28%	24,455,604	1,667,387	7.32%
St Anthony	6,050,942	215,125	3.56%	266,616	4.41%					6,532,683	481,741	7.96%
St Cloud	51,403,742	(861,983)	-1.68%	2,318,765	4.51%			53,568	0.10%	52,914,092	1,510,350	2.94%
St Francis	11,935,130	493,493	4.13%	543,076	4.55%					12,971,699	1,036,569	8.69%
St Joseph	3,505,864	No Updates	0.00%	164,727	4.70%					3,670,591	164,727	4.70%

Municipality	2004 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	2005 Unadjusted Construction Needs	Net Change	Percent of change 2004 to 2005
St Louis Park	\$31,194,772	\$131,127	0.42%	\$1,458,335	4.67%			\$109,008	0.35%	\$32,893,242	\$1,698,470	5.44%
St Michael	15,991,733	881,678	5.51%	794,137	4.97%	\$47,246	0.30%			17,714,794	1,723,061	10.77%
St Paul	229,022,432	(2,272,841)	-0.99%	8,513,143	3.72%			2,449,312	1.07%	237,712,046	8,689,614	3.79%
St Paul Park	5,107,682	331,628	6.49%	249,776	4.89%					5,689,086	581,404	11.38%
St Peter	14,385,584	1,286,500	8.94%	726,177	5.05%					16,398,261	2,012,677	13.99%
Sartell	12,083,114	828,216	6.85%	580,318	4.80%					13,491,648	1,408,534	11.66%
Sauk Rapids	15,109,771	73,848	0.49%	503,587	3.33%			360,360	2.38%	16,047,566	937,795	6.21%
Savage	16,203,235	(540,044)	-3.33%	694,586	4.29%			119,616	0.74%	16,477,393	274,158	1.69%
Shakopee	\$22,438,673	(668,342)	-2.98%	996,757	4.44%					\$22,767,088	\$328,415	1.46%
Shoreview	9,394,588	8,217,561	87.47%	669,811	7.13%					18,281,960	8,887,372	94.60%
Shorewood	5,788,007	23,359	0.40%	254,241	4.39%	135,642	2.34%			6,201,249	413,242	7.14%
South St Paul	13,059,839	801,737	6.14%	712,937	5.46%					14,574,513	1,514,674	11.60%
Spring Lake Park	2,558,610	96,697	3.78%	136,233	5.32%					2,791,540	232,930	9.10%
Stewartville	4,145,313	4,600	0.11%	208,973	5.04%					4,358,886	213,573	5.15%
Stillwater	11,636,914	130,072	1.12%	582,795	5.01%					12,349,781	712,867	6.13%
Thief River Falls	18,346,891	(1,862,858)	-10.15%	731,723	3.99%					17,215,756	(1,131,135)	-6.17%
Vadnais Heights	5,989,570	540,816	9.03%	318,069	5.31%					6,848,455	858,885	14.34%
Victoria	6,061,394	No Updates	0.00%	284,113	4.69%					6,345,507	284,113	4.69%
Virginia	15,473,075	(7,346)	-0.05%	660,963	4.27%					16,126,692	653,617	4.22%
Waconia	4,819,240	1,397,717	29.00%	316,544	6.57%					6,533,501	1,714,261	35.57%
Waite Park	3,537,225	650,011	18.38%	149,353	4.22%					4,336,589	799,364	22.60%
Waseca	6,443,929	657,386	10.20%	294,621	4.57%					7,395,936	952,007	14.77%
West St Paul	9,130,158	(3,847)	-0.04%	444,670	4.87%					9,570,981	440,823	4.83%
White Bear Lake	14,096,524	832,977	5.91%	684,325	4.85%					15,613,826	1,517,302	10.76%
Willmar	20,126,039	997,842	4.96%	975,576	4.85%					22,099,457	1,973,418	9.81%
Winona	20,057,511	181,665	0.91%	939,019	4.68%					21,178,195	1,120,684	5.59%
Woodbury	47,478,088	(1,720,922)	-3.62%	2,213,767	4.66%					47,970,933	492,845	1.04%
Worthington	11,515,931	32,709	0.28%	427,527	3.71%			194,544	1.69%	12,170,711	654,780	5.69%
STATE TOTAL	\$2,986,013,788	\$118,219,881	3.96%	\$135,254,601	4.53%	\$952,943	0.03%	\$11,986,986	0.40%	\$3,252,428,199	\$266,414,411	8.92%

MILEAGE, NEEDS AND APPORTIONMENT

The amount to be allocated in 2006 is unknown at this time so an estimated amount of \$111,823,549 is used in this report. This is the amount that was allocated for the 2005 apportionment. The actual amount will be announced in January 2006 when the Commissioner of Transportation makes a determination of the 2006 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.

M.S.A.S. Mileage, Needs and Apportionment 1958 to 2006

MILEAGE NEEDS AND APPORT 1958 TO 2006

26-Sep-05

Appt. Year	Number 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	3190.82	2,986,013,788	111,823,549	3,086,369,911	35,045.40	18.0717
2006*	138	3290.24	3,260,315,587	111,823,549	3,318,479,179	33,986.44	16.8117

* 2006 uses estimated mileages for the new cities of Albertville and Minnetrista

MSAS NEEDS MILEAGE COMPARISON

Does not include the new cities of Albertville and Minnetrista

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CITY	2004 MSAS NEEDS MILEAGE	2005 MSAS NEEDS MILEAGE	DIFFERENCE IN MILEAGE	CITY	2004 MSAS NEEDS MILEAGE	2005 MSAS NEEDS MILEAGE	DIFFERENCE IN MILEAGE	CITY	2004 MSAS NEEDS MILEAGE	2005 MSAS NEEDS MILEAGE	DIFFERENCE IN MILEAGE
Albert Lea	20.02	21.74	1.72	Golden Valley	23.57	23.57		Owatonna	18.19	25.24	7.05
Alexandria	17.34	17.58	0.24	Grand Rapids	13.24	14.18	0.94	Plymouth	54.93	55.57	0.64
Andover	37.69	38.29	0.60	Ham Lake	27.95	30.49	2.54	Prior Lake	17.58	19.87	2.29
Anoka	12.64	12.64		Hastings	19.11	21.43	2.32	Ramsey	32.21	32.27	0.06
Apple Valley	35.67	35.67		Hermantown	14.08	14.08		Red Wing	23.82	24.06	0.24
Arden Hills	7.55	7.55		Hibbing	51.31	51.22	(0.09)	Redwood Falls	8.20	8.20	
Austin	28.62	28.62		Hopkins	9.34	9.34		Richfield	25.08	25.09	0.01
Baxter	13.94	13.94		Hugo	16.79	19.15	2.36	Robbinsdale	10.11	10.11	
Belle Plaine	7.60	7.60		Hutchinson	17.58	18.11	0.53	Rochester	66.65	72.91	6.26
Bemidji	16.66	16.66		International Falls	8.06	8.06		Rogers	7.71	7.66	(0.05)
Big Lake	7.60	8.71	1.11	Inver Grove Heights	23.86	29.68	5.82	Rosemount	26.21	27.26	1.05
Blaine	40.52	40.52		Kasson	5.12	5.12		Roseville	28.70	29.12	0.42
Bloomington	75.33	75.18	(0.15)	La Crescent	5.64	5.64		St. Anthony	5.63	5.63	
Brainerd	16.12	16.12		Lake City	6.50	6.91	0.41	St. Cloud	60.01	60.01	
Brooklyn Center	21.40	21.40		Lake Elmo	12.29	12.47	0.18	St. Francis	10.62	11.02	0.40
Brooklyn Park	50.38	50.39	0.01	Lakeville	55.93	57.12	1.19	St. Joseph	4.78	4.78	
Buffalo	14.64	16.53	1.89	Lino Lakes	20.35	20.76	0.41	St. Louis Park	31.09	31.09	
Burnsville	44.76	44.76		Litchfield	8.77	8.77		St. Michael	19.89	20.63	0.74
Cambridge	11.07	13.08	2.01	Little Canada	10.54	10.54		St. Paul	165.28	164.81	(0.47)
Champlin	17.64	19.81	2.17	Little Falls	16.73	16.73		St. Paul Park	4.92	4.92	
Chanhassen	22.27	20.78	(1.49)	Mahtomedi	8.62	8.62		St. Peter	14.32	15.26	0.94
Chaska	15.77	16.22	0.45	Mankato	33.27	33.30	0.03	Sartell	15.09	16.14	1.05
Chisholm	7.99	7.99		Maple Grove	50.49	51.26	0.77	Sauk Rapids	11.82	11.87	0.05
Cloquet	20.14	21.67	1.53	Maplewood	32.32	33.60	1.28	Savage	24.92	26.04	1.12
Columbia Heights	12.53	12.61	0.08	Marshall	15.64	15.64		Shakopee	31.73	31.72	(0.01)
Coon Rapids	41.85	41.85		Mendota Heights	14.39	14.39		Shoreview	19.52	19.52	
Corcoran	14.80	14.80		Minneapolis	203.06	207.97	4.91	Shorewood	8.24	8.26	0.02
Cottage Grove	33.39	33.39		Minnetonka	49.89	49.89		South St. Paul	16.82	16.82	
Crookston	11.67	11.65	(0.02)	Montevideo	8.55	8.55		Spring Lake Park	5.82	5.82	
Crystal	17.88	17.88		Monticello	9.04	10.37	1.33	Stewartville	3.99	3.99	
Detroit Lakes	13.35	15.11	1.76	Moorhead	29.75	38.06	8.31	Stillwater	15.45	15.59	0.14
Duluth	112.94	114.50	1.56	Morris	8.11	8.11		Thief River Falls	15.23	15.23	
Eagan	46.15	47.12	0.97	Mound	8.05	8.17	0.12	Vadnaia Heights	8.32	8.45	0.13
East Bethel	27.16	28.37	1.21	Mounds View	12.51	12.43	(0.08)	Victoria	6.44	6.44	
East Grand Forks	15.51	15.51		New Brighton	14.92	14.92		Virginia	15.93	15.93	
Eden Prairie	45.40	45.41	0.01	New Hope	12.70	12.70		Waconia	5.53	7.41	1.88
Edina	40.27	40.27		New Prague	5.31	5.31		Waite Park	6.12	6.12	
Elk River	32.80	32.80		New Ulm	16.06	16.11	0.05	Waseca	6.35	6.71	0.36
Fairmont	19.70	19.97	0.27	North Branch	22.53	22.53		West St. Paul	13.54	13.54	
Falcon Heights	3.29	3.29		North Mankato	13.58	13.72	0.14	White Bear Lake	20.35	20.35	
Faribault	22.80	23.60	0.80	North St. Paul	11.40	11.40		Willmar	23.91	23.91	
Farmington	13.85	13.85		Northfield	12.36	13.74	1.38	Winona	22.29	22.29	
Fergus Falls	24.67	24.67		Oak Grove	22.34	23.24	0.90	Woodbury	49.32	51.07	1.75
Forest Lake	22.35	23.05	0.70	Oakdale	19.40	19.40		Worthington	11.39	11.39	
Fridley	22.87	22.87		Orono	12.58	12.43	(0.15)				
Glencoe	7.17	7.88	0.71	Otsego	17.08	19.99	2.91				
								TOTAL			
								3,190.52 3,273.24 82.72			

2005 Itemized Tabulation of Needs

The 2005 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 2005 needs computation.

The 2005 itemized tabulation of needs on the following page shows all the construction items except the "after the fact needs" used in the Municipal State Aid Needs Study. The tabulation is provided to give each municipality the opportunity to compare its needs of the individual construction items to that of other cities.

The overall average cost per mile is \$993,504. Oakdale has the lowest cost per mile with \$463,964 while Crookston has the highest cost with \$1,699,081 per mile.

The thirteen cities that exceed \$1,200,000 per mile are listed alphabetically as follows: Austin, Bloomington, Columbia Heights, Crookston, Fairmont, Faribault, Farmington, Inver Grove Heights, La Crescent, Minneapolis, New Ulm, Saint Paul, Sauk Rapids. The four cities that are less than \$500,000 per mile are: Baxter, Lake Elmo, Oakdale, and Spring Lake Park.

[illegible]

2005 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	\$2,833,386	\$2,102,324	\$440,818	\$4,778,942	\$1,985,760	\$17,912	\$1,234,945	\$1,829,350	\$1,111,825	\$1,114,575	\$377,750	\$753,400	\$2,306,750	\$4,177,547	\$185,986	\$25,251,270	21.74	\$1,161,512	ALBERT LEA	
ALBERTVILLE	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALBERTVILLE	
ALEXANDRIA	102	1,964,896	2,065,111	438,265	4,698,625	1,857,205	2,480	1,246,420	1,715,700	1,088,750	941,325	180,650	0	0	3,239,888	145,964	19,585,279	17.58	1,114,066	ALEXANDRIA	
ANDOVER	198	3,475,643	4,914,274	155,733	4,854,030	3,071,005	139,437	2,033,687	3,574,950	1,652,625	2,054,250	175,000	0	0	5,220,125	222,221	31,542,980	38.29	823,792	ANDOVER	
ANOKA	103	1,305,031	1,988,032	100,418	2,317,779	1,243,375	0	834,341	1,167,275	603,200	746,625	13,000	0	0	2,062,814	102,733	12,485,623	12.64	987,787	ANOKA	
APPLE VALLEY	186	2,800,701	1,320,927	1,171,827	7,600,604	3,749,375	0	1,530,006	2,341,350	3,019,575	1,588,950	15,000	0	0	5,027,662	351,840	30,517,871	35.67	855,560	APPLE VALLEY	
ARDEN HILLS	187	582,714	959,465	140,415	1,458,261	677,425	0	483,064	755,800	349,050	389,400	111,590	0	276,250	1,236,687	52,450	7,472,571	7.55	989,745	ARDEN HILLS	
AUSTIN	104	3,822,949	1,969,429	512,302	4,871,941	2,623,740	0	1,205,075	1,673,625	1,625,650	1,147,575	0	8,978,000	1,013,000	5,888,653	260,443	35,592,382	28.62	1,243,619	AUSTIN	
BAXTER	230	384,051	845,180	103,822	1,059,811	1,215,025	3,249	400,621	327,350	697,125	282,975	0	0	0	1,063,842	105,699	6,488,750	13.94	465,477	BAXTER	
BELLE PLAINE	239	646,513	932,889	142,117	1,453,159	692,755	0	478,585	758,750	247,000	427,350	24,000	0	0	1,160,624	49,884	7,013,626	7.60	922,846	BELLE PLAINE	
BEMIDJI	105	898,695	430,564	291,893	2,081,568	1,590,155	0	489,689	740,125	996,450	594,825	0	784,160	552,500	1,890,123	144,728	11,485,475	16.66	689,404	BEMIDJI	
BIG LAKE	232	472,119	1,004,647	0	1,331,168	675,885	0	350,169	554,975	283,075	320,100	0	0	0	998,428	52,696	6,043,262	8.71	693,830	BIG LAKE	
BLAINE	106	1,678,463	4,095,672	228,919	4,692,275	3,363,850	16,858	1,639,150	2,591,975	2,621,775	1,711,050	0	0	0	4,527,998	291,813	27,459,798	40.52	677,685	BLAINE	
BLOOMINGTON	107	8,517,920	7,768,751	2,162,391	18,411,441	8,313,550	0	6,279,397	7,622,750	6,547,125	4,773,450	1,237,995	1,887,040	1,478,750	15,000,114	845,875	90,846,549	75.18	1,208,387	BLOOMINGTON	
BRAINERD	108	1,223,356	148,838	546,342	2,691,126	1,519,070	0	774,372	909,050	925,925	679,800	0	0	776,750	2,038,925	139,397	12,372,951	16.12	767,553	BRAINERD	
BROOKLYN CENTER	109	1,354,796	648,502	670,588	3,165,681	1,647,365	0	871,371	1,113,625	1,734,200	903,375	28,000	0	0	2,487,501	202,540	15,127,544	21.40	706,895	BROOKLYN CENTER	
BROOKLYN PARK	110	1,680,022	2,136,871	546,342	5,084,880	4,671,310	5,857	925,690	1,258,900	3,938,675	1,617,825	0	0	0	4,373,273	461,047	26,700,696	50.39	529,881	BROOKLYN PARK	
BUFFALO	213	1,596,622	2,586,040	117,438	3,799,408	1,405,495	0	1,128,485	1,711,200	734,650	930,600	213,820	0	1,165,000	3,081,751	111,688	18,602,197	16.53	1,125,360	BUFFALO	
BURNSVILLE	179	5,473,957	1,687,703	1,434,786	13,332,083	4,554,620	0	2,971,669	3,564,575	3,686,150	2,588,850	460,000	0	277,000	8,006,278	480,046	48,517,717	44.76	1,083,953	BURNSVILLE	
CAMBRIDGE	218	458,121	656,476	75,739	961,944	1,027,180	4,988	300,214	442,400	599,300	272,250	0	799,680	0	1,119,658	91,739	6,809,689	13.08	520,618	CAMBRIDGE	
CHAMPLIN	193	559,692	1,376,740	45,103	1,587,784	1,891,295	1,696	471,236	717,150	1,265,550	421,575	75,400	0	0	1,682,645	167,445	10,263,311	19.81	518,087	CHAMPLIN	
CHANHASSEN	194	1,091,428	1,156,143	599,955	2,633,866	1,980,105	0	1,117,946	1,272,075	1,165,125	531,300	464,000	120,960	0	2,422,580	157,882	14,693,365	20.78	707,092	CHANHASSEN	
CHASKA	196	1,408,676	1,076,411	270,618	2,392,442	1,425,760	21,689	562,768	865,550	954,850	611,325	38,000	0	125,500	1,950,715	130,081	11,834,385	16.22	729,617	CHASKA	
CLOQUET	112	2,577,792	2,827,897	184,667	4,677,851	1,815,240	21,362	1,255,991	1,720,750	915,525	1,244,100	37,000	0	531,750	3,561,984	143,723	21,515,632	21.67	992,676	CLOQUET	
COLUMBIA HEIGHTS	113	1,681,584	1,132,221	454,434	4,139,318	1,204,595	0	965,369	1,482,750	612,625	909,150	338,000	0	75,375	2,599,084	107,367	15,701,882	12.61	1,245,193	COLUMBIA HEIGHTS	
COON RAPIDS	114	2,748,335	3,166,278	1,751,358	6,206,827	4,112,840	0	2,280,180	2,786,900	3,121,950	1,928,850	0	3,662,640	0	5,783,191	415,235	35,114,384	41.85	839,053	COON RAPIDS	
CORCORAN	215	1,994,107	284,385	0	1,964,104	786,450	135,592	98,866	156,925	481,000	861,300	26,750	0	0	1,357,895	68,985	8,216,359	14.80	555,159	CORCORAN	
COTTAGE GROVE	180	2,550,247	3,040,521	426,351	7,565,174	3,194,520	48,864	1,692,718	2,480,525	2,352,675	1,553,475	158,000	0	0	5,245,175	271,990	31,743,035	33.39	950,675	COTTAGE GROVE	
CROOKSTON	115	1,083,679	600,664	336,145	2,609,603	1,040,620	0	602,889	903,975	474,175	539,550	0	8,221,440	1,750	3,282,897	96,909	19,794,296	11.65	1,699,081	CROOKSTON	
CRYSTAL	116	1,438,467	2,652,483	100,418	3,298,040	1,637,020	0	993,807	1,623,150	755,950	834,900	480,750	0	0	445,750	118,769	17,231,653	17.88	963,739	CRYSTAL	
DETROIT LAKES	117	1,125,345	1,408,635	157,435	2,640,254	1,361,290	898	795,921	637,125	619,450	773,850	0	0	0	586,500	1,202,342	114,715	12,242,760	15.11	810,242	DETROIT LAKES
DULUTH	118	16,947,053	5,429,886	3,415,914	34,453,220	9,269,925	481,410	5,941,806	6,605,500	6,635,850	7,004,250	154,000	10,604,860	744,500	21,537,637	917,844	130,143,855	114.50	1,136,626	DULUTH	
EAGAN	195	2,293,817	470,431	1,012,690	7,350,538	4,411,645	0	347,735	1,971,125	3,316,625	1,650,000	12,971	0	0	292,250	4,625,773	443,694	28,198,323	47.12	598,436	EAGAN
EAST BETHEL	203	2,536,263	3,354,143	0	3,843,583	2,798,530	38,005	1,995,753	2,104,525	994,825	1,020,525	96,467	0	0	3,756,527	141,945	22,681,091	28.37	799,474	EAST BETHEL	
EAST GRAND FORKS	119	1,991,352	975,412	74,037	3,521,836	1,430,135	8,864	695,612	173,375	798,525	728,475	0	1,700,000	190,000	2,457,525	120,607	14,865,755	15.51	958,463	EAST GRAND FORKS	
EDEN PRAIRIE	181	3,884,630	3,513,612	1,450,955	11,206,688	4,665,710	0	3,468,166	3,294,750	3,549,975	2,445,300	377,800	1,709,168	188,250	7,950,999	377,648	48,083,651	45.41	1,058,878	EDEN PRAIRIE	
EDINA	120	3,867,008	2,097,003	869,722	8,686,085	3,618,370	0	2,111,179	1,767,700	3,046,225	2,406,525	150,600	1,274,000	36,750	5,986,233	343,751	36,261,151	40.27	900,451	EDINA	
ELK RIVER	204	2,098,345	3,787,363	107,226	4,832,217	2,870,595	77,094	1,428,358	2,248,675	1,789,775	1,501,500	38,390	0	616,250	4,239,157	230,284	25,665,229	32.80	782,476	ELK RIVER	
FAIRMONT	123	3,659,363	3,420,591	87,663	6,044,165	1,916,880	0	1,281,445	2,061,525	1,179,750	1,159,950	62,657	160,000	704,000	4,397,605	171,592	26,257,227	19.97	1,314,834	FAIRMONT	
FALCON HEIGHTS	124	296,294	212,625	73,186	635,980	249,725	0	152,540	284,450	135,850	188,925	36,000	0	0	453,112	22,084	2,740,771	3.29	833,061	FALCON HEIGHTS	
FARIBAULT	125	2,722,747	1,990,692	369,334	6,019,301	2,240,735	0	1,440,111	2,002,200	1,378,650	1,268,850	10,000	2,973,880	1,136,750	2,470,649	200,667	28,464,566	23.60	1,206,126	FARIBAULT	
FARMINGTON	212	2,528,715	2,495,673	7,669	4,183,015	1,230,705	119,686	816,859	975,825	606,125	999,900	105,000	206,080	320,250	2,919,096	78,686	17,593,274	13.85	1,270,272	FARMINGTON	
FERGUS FALLS	126	2,209,792	1,352,819	448,477	5,087,628	1,977,320	48,393	1,077,738	1,004,500	1,120,600	1,246,575	13,000	1,315,680	2,264,000	3,825,307	172,617	23,124,446	24.67	937,351	FERGUS FALLS	
FOREST LAKE	214	2,075,442	5,150,816	55,315	6,646,930	1,751,225	0	575,491	368,775	877,175	1,637,625	0	0	0	3,827,754	135,340	23,101,888	23.05	1,002,251	FOREST LAKE	
FRIDLEY	127	2,206,011	1,477,738	895,252	5,109,308	2,174,655	0	1,206,261	2,308,300	1,181,375	1,376,925	85,500	0	288,875	3,662,043	192,789	22,165,032	22.87	969,175	FRIDLEY	
GLENCOE	226	893,320	810,631	138,713	1,821,472	724,115	0	434,154	538,400	356,525	429,000	0	0	0	1,189,266	63,230	7,198,826	7.88	913,557	GLENCOE	
GOLDEN VALLEY	128	1,819,496	1,161,459	600,806	4,175,361	2,000,915	0	1,068,778	847,225	1,330,225	994,950	15,000	1,063,756	804,875	3,176,586	195,322	19,254,734	23.57	816,917	GOLDEN VALLEY	
GRAND RAPIDS	129	1,598,410	2,333,549	154,031	3,591,813	1,363,320	0	953,002	1,552,800	877,950	873,675	172,500	0	464,500	2,747,110	111,524	16,594,184	14.18	1,170,253	GRAND RAPIDS	
HAM LAKE	197	6,134,928	4,582,047	68,931	3,086,679	2,080,625	38,048	1,710,500	2,190,925	1,010,425	1,519,650	32,310	0	0	4,487,017	163,321	27,085,406	30.49	888,337	HAM LAKE	
HASTINGS	130	1,385,892	411,959	142,117	2,896,930	1,951,705	0	964,425	1,196,700	1,353,300	732,600	19,000									

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	49,259,823	9,036,511	11,023,003	59,730,830	19,682,740	0	14,987,362	23,566,275	17,018,625	13,463,175	4,492,460	38,459,760	7,056,750	53,555,462	2,146,823	323,479,599	207.97	1,555,415	MINNEAPOLIS
MINNETONKA	142	4,066,447	4,148,828	896,954	11,727,386	4,491,060	0	2,854,650	3,953,300	2,891,850	2,483,250	90,000	0	504,500	7,621,646	356,859	46,086,730	48.89	923,767	MINNETONKA
MINNETRISTA	243	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	MINNETRISTA
MONTEVIDEO	143	600,715	324,252	157,435	1,394,324	726,005	0	398,006	589,975	324,025	366,300	0	0	0	976,208	68,269	5,925,514	8.55	693,043	MONTEVIDEO
MONTICELLO	222	1,033,170	1,623,916	30,636	1,662,970	950,285	0	594,014	1,005,900	505,375	517,275	0	0	0	1,584,708	78,695	9,586,944	10.37	924,488	MONTICELLO
MOORHEAD	144	4,995,589	1,740,860	904,613	10,638,458	3,597,125	0	2,315,902	2,765,350	2,280,850	1,986,600	0	4,028,160	734,625	7,197,619	366,212	43,551,963	38.06	1,144,298	MOORHEAD
MORRIS	190	455,969	454,483	49,358	1,035,244	702,450	0	238,308	349,575	263,575	212,850	0	0	0	752,364	63,414	4,577,590	8.11	564,438	MORRIS
MOUND	145	1,023,307	691,026	406,778	2,452,352	693,910	0	730,314	803,300	310,375	655,875	122,500	0	152,500	1,608,448	52,667	9,703,353	8.17	1,187,881	MOUND
MOUNDS VIEW	146	773,648	1,544,180	123,395	2,043,805	970,445	0	768,888	1,211,450	477,425	684,750	0	0	0	1,719,195	87,151	10,402,332	12.43	836,873	MOUNDS VIEW
NEW BRIGHTON	147	1,144,699	651,162	168,498	2,628,311	1,204,280	26,562	668,073	43,275	684,125	700,425	20,000	0	981,250	1,783,732	105,505	10,807,897	14.92	724,390	NEW BRIGHTON
NEW HOPE	182	1,396,218	82,392	743,774	3,234,451	1,224,185	0	803,815	1,186,075	856,700	746,625	94,500	1,285,200	459,875	2,426,360	116,487	14,674,657	12.70	1,155,485	NEW HOPE
NEW PRAGUE	237	444,133	316,278	171,902	974,759	415,625	0	296,644	470,800	172,575	265,650	0	0	0	705,673	35,512	4,269,551	5.31	804,059	NEW PRAGUE
NEW ULM	148	1,898,509	980,728	566,766	4,129,360	1,520,155	0	1,065,342	1,683,925	750,425	955,350	40,000	1,305,600	1,929,500	3,365,131	138,660	20,329,451	16.11	1,261,915	NEW ULM
NORTH BRANCH	225	2,083,681	799,998	29,785	3,597,357	1,274,810	257,673	280,885	530,425	733,525	1,466,850	0	158,800	133,750	2,269,510	115,722	13,732,771	22.53	609,533	NORTH BRANCH
NORTH MANKATO	150	1,237,863	701,659	348,910	3,142,595	1,429,610	0	717,800	980,575	1,010,100	556,050	0	0	0	2,024,992	136,637	12,286,591	13.72	895,524	NORTH MANKATO
NORTH ST PAUL	151	1,469,640	826,575	451,881	2,932,129	1,028,405	0	784,441	1,226,825	534,950	688,050	10,000	0	0	1,990,579	86,342	12,029,817	11.40	1,055,247	NORTH ST PAUL
NORTHFIELD	149	856,088	512,965	177,859	1,886,948	1,163,540	0	473,484	619,325	652,275	502,425	0	1,474,560	1,237,500	1,911,793	112,790	11,583,542	13.74	843,053	NORTHFIELD
OAK GROVE	223	1,679,895	3,582,714	0	5,035,026	2,012,955	70,910	1,463,608	1,977,150	755,300	1,131,900	10,000	0	0	3,543,887	114,598	21,377,943	23.24	919,877	OAK GROVE
OKDALE	185	589,087	900,994	76,590	1,476,211	1,615,250	0	322,710	493,500	1,423,500	367,950	110,000	0	0	1,475,158	149,952	9,000,902	19.40	463,964	OKDALE
ORONO	152	1,053,750	1,892,354	0	2,561,014	949,095	52,768	657,897	965,050	470,275	729,300	319,000	66,880	36,750	1,950,828	71,294	11,776,255	12.43	947,406	ORONO
OTSEGO	217	1,213,752	3,189,360	0	3,926,760	1,794,345	10,945	1,107,552	1,667,025	649,675	948,750	0	0	0	2,901,633	121,014	17,530,811	19.99	876,979	OTSEGO
OWATONNA	153	2,515,744	1,387,372	423,798	5,107,534	2,284,695	48,692	857,469	1,198,275	1,521,325	1,239,150	0	4,815,160	825,250	4,444,896	215,374	26,884,734	25.24	1,065,164	OWATONNA
PLYMOUTH	155	4,806,828	4,927,561	1,047,581	14,689,301	5,414,570	7,723	2,194,183	2,206,275	4,634,175	3,128,400	102,250	101,520	627,250	8,777,525	477,004	53,142,146	55.57	956,310	PLYMOUTH
PRIOR LAKE	201	1,568,314	2,695,009	124,246	4,334,638	1,656,515	13,937	1,342,543	1,635,625	756,600	1,142,625	10,000	0	0	3,056,011	128,220	18,464,283	19.87	929,254	PRIOR LAKE
RAMSEY	199	1,582,840	4,635,204	136,160	4,222,484	2,882,373	17,385	1,684,267	2,809,625	1,185,925	1,574,100	0	0	0	4,146,075	213,369	25,089,807	32.27	777,496	RAMSEY
RED WING	156	3,079,662	3,218,599	395,715	5,862,494	2,199,330	0	1,566,845	1,704,700	1,298,050	1,416,525	544,300	0	715,000	4,400,244	188,035	26,589,499	24.06	1,105,133	RED WING
REDWOOD FALLS	207	796,156	975,412	188,922	2,120,341	695,135	0	572,770	895,000	266,500	511,500	0	0	0	1,404,350	50,705	8,476,791	8.20	1,033,755	REDWOOD FALLS
RICHFIELD	157	4,295,780	1,788,701	894,401	4,445,091	2,400,720	0	1,876,248	2,978,550	1,610,700	1,691,250	422,810	0	957,250	4,672,300	242,712	28,276,513	25.09	1,127,003	RICHFIELD
ROBBINSDALE	158	1,154,382	964,781	211,048	2,646,590	1,021,265	0	629,816	810,100	634,400	563,475	545,000	0	353,375	1,906,489	85,651	11,526,732	10.11	1,140,132	ROBBINSDALE
ROCHESTER	159	7,106,222	3,229,231	1,564,138	17,709,494	7,047,600	61,404	2,689,979	2,915,775	6,265,025	3,423,750	0	5,159,520	1,573,750	11,749,179	688,783	71,183,850	72.91	976,325	ROCHESTER
ROGERS	238	251,352	435,879	10,212	804,327	715,295	15,461	204,148	323,900	437,450	167,475	0	0	0	673,098	56,906	4,095,503	7.66	534,661	ROGERS
ROSEMOUNT	208	1,540,576	3,694,343	0	4,418,912	2,537,535	0	1,103,202	1,471,900	1,019,200	1,151,700	0	0	527,250	3,492,923	180,555	21,138,096	27.26	775,425	ROSEMOUNT
ROSEVILLE	160	1,869,323	1,546,840	879,934	5,736,446	2,399,915	0	1,109,408	2,367,150	1,219,075	1,464,375	656,740	205,200	753,750	4,041,628	205,820	24,455,604	29.12	839,822	ROSEVILLE
SARTELL	220	926,586	2,421,256	17,871	2,529,326	1,491,315	0	837,159	1,328,550	826,150	747,450	20,000	0	0	2,229,254	116,131	13,491,648	16.14	835,914	SARTELL
SAUK RAPIDS	191	1,151,948	951,497	184,667	2,647,941	1,153,005	0	789,980	715,975	631,475	641,025	0	4,004,000	409,000	2,656,102	110,951	16,407,568	11.87	1,351,943	SAUK RAPIDS
SAVAGE	211	1,043,697	1,972,087	11,914	3,129,038	2,371,880	26,933	807,681	670,575	1,493,700	763,125	0	1,267,680	0	2,711,662	207,421	16,477,393	26.04	632,772	SAVAGE
SHAKOPEE	166	1,744,786	1,735,542	397,417	5,022,307	2,940,805	106,748	1,128,980	1,548,125	1,674,075	1,159,950	0	1,289,000	0	3,749,545	269,808	22,767,088	31.72	717,752	SHAKOPEE
SHOREVIEW	167	4,027,902	1,387,372	645,058	2,610,172	1,786,680	0	1,156,483	1,906,925	825,500	655,050	116,200	0	0	3,023,468	141,150	18,281,960	19.52	936,576	SHOREVIEW
SHOREWOOD	216	415,486	1,368,767	0	1,331,519	519,715	0	475,773	141,025	451,750	426,525	0	0	0	1,026,112	44,577	6,201,249	8.26	750,757	SHOREWOOD
SOUTH ST PAUL	168	1,986,584	321,594	338,698	4,208,167	1,536,185	0	733,192	1,095,625	874,900	931,425	0	0	0	2,405,273	142,870	14,574,513	16.82	866,499	SOUTH ST PAUL
SPRING LAKE PARK	183	243,477	0	105,524	531,320	451,500	0	114,574	266,350	374,075	197,175	4,500	0	0	457,699	45,346	2,791,540	5.82	479,646	SPRING LAKE PARK
ST ANTHONY	161	983,898	334,883	235,727	1,418,486	490,910	0	372,340	506,800	384,150	332,475	344,000	0	0	1,080,734	48,280	6,532,683	5.63	1,160,334	ST ANTHONY
ST CLOUD	162	4,351,032	4,871,748	1,130,979	11,037,862	5,747,385	7,738	3,011,886	3,778,200	5,042,700	2,485,725	0	595,200	1,597,375	8,731,564	524,698	52,914,092	60.01	881,755	ST CLOUD
ST FRANCIS	235	1,256,802	1,988,035	0	3,276,540	920,500	7,125	760,430	1,206,925	480,025	867,075	0	0	0	2,153,088	53,154	12,971,699	11.02	1,177,105	ST FRANCIS
ST JOSEPH	233	270,835	568,138	32,338	827,340	442,715	0	213,422	295,575	188,175	204,600	0	0	0	606,627	30,826	3,670,591	4.78	767,906	ST JOSEPH
ST LOUIS PARK	163	3,869,111	706,974	1,377,769	7,666,657	3,025,925	0	2,123,773	2,066,200	2,371,850	1,878,525	256,875	1,462,000	333,000	5,427,733	326,850	32,893,242	31.09	1,058,001	ST LOUIS PARK
ST MICHAEL	227	3,190,749	1,860,459	0	4,300,568	1,435,875	98,270	692,888	975,650	777,725	1,316,700	20,000	0	0	2,933,774	112,136	17,714,794	20.63	858,691	ST MICHAEL
ST PAUL	164	33,802,711	1,801,990	10,112,433	46,918,935	15,096,295	0	12,070,775	15,340,250	12,281,750	10,135,125	2,668,806	29,795,260	6,758,000	39,354,473	1,585,243	237,712,046	164.81	1,442,340	ST PAUL
ST PAUL PARK	184	501,751	563,455	100,418	1,275,643	439,460	0	405,602	643,425	236,925	309,375	0	0	232,250	941,661	39,121	5,689,086	4.92	1,156,318	ST PAUL PARK
ST PETER	165	1,621,831	2,418,599	163,392	3,813,236	1,409,800	0	991,172	1,602,925	642,200	902,550	0	0	0	2,713,140	119,416	16,398,261	15.26	1,074,591	ST PETER
STEWARTVILLE	228	486,500	263,122	182,114	1,181,843	365,190	0	284,527	452,675	129,675	258,225	0	0	0	720,774	34,241	4,358,886	3.99	1	

COMPARISON OF NEEDS BETWEEN 2004 AND 2005

Does NOT include the new cities of Albertville and Minnetrista

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Needs Year	Grading	Complete Storm Sewer	Storm Sewer Adjustment	Base Needs	Surface Needs	Total Shoulder Needs	Curb & Gutter Construction
2004	\$323,659,476	\$239,615,654	\$67,138,597	\$640,320,878	\$273,441,609	\$2,719,200	\$157,961,717
2005	\$355,666,444	\$251,627,227	\$71,444,003	\$703,549,371	\$297,930,199	\$2,798,277	\$175,114,917
Difference	\$32,006,968	\$12,011,573	\$4,305,406	\$63,228,493	\$24,488,590	\$79,077	\$17,153,200
%	9.89%	5.01%	6.41%	9.87%	8.96%	2.91%	10.86%
Needs Year	Sidewalk Construction	Traffic Signal Construction	Street Lighting Construction	Retaining Walls	Total Bridge Needs	Railroad Crossing Needs	Engineering
2004	\$208,140,192	\$184,102,800	\$159,520,000	\$18,346,517	\$135,612,784	\$57,172,250	\$493,588,440
2005	\$233,339,875	\$197,812,550	\$167,698,575	\$20,112,165	\$146,617,524	\$57,272,125	\$536,196,624
Difference	\$25,199,683	\$13,709,750	\$8,178,575	\$1,765,648	\$11,004,740	\$99,875	\$42,608,184
%	12.11%	7.45%	5.13%	9.62%	8.11%	0.17%	8.63%
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
2004	\$24,663,323	\$2,986,013,788	3190.82	\$79,933,058	\$21,437,544	\$3,087,384,390	27.8417
2005	\$26,859,146	\$3,252,428,199	3273.94	\$85,941,150	\$25,796,022	\$3,364,165,371	30.0846
Difference	\$2,195,823	\$266,414,411	83.12	\$6,008,092	\$4,358,478	\$276,780,981	2.2429
%	8.90%	8.92%	2.60%	7.52%	20.33%	8.96%	

TENTATIVE 2006 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 2006.

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, 2005 unencumbered construction fund balance was used as the adjustment in this report. The unencumbered balance as of December 31, 2005 will be used for the 2006 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 2006 Tentative Construction Needs Apportionment Determination.

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

2005 ADJUSTED CONSTRUCTION NEEDS

for January 2006 apportionment

The Needs for Albertville and Minnetrista are based upon the lowest Needs cost per mile of any other city and estimated mileage

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Municipality	2004 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	2005 Adjusted Construction Needs
Albert Lea	\$25,251,270	\$0	\$656,197			\$6,827		\$663,024	\$25,914,294
Albertville	3,247,748	0					0		3,247,748
Alexandria	19,585,279	(119,380)	508,957				389,577		19,974,856
Andover	31,542,980	(21,178)	819,698	\$1,928,500		152,579	(\$377,400)	2,502,199	34,045,179
Anoka	12,485,623	(314,252)	324,460			192,181		202,389	12,688,012
Apple Valley	30,517,817	1,676,060	793,057	400,000		126,066		2,995,183	33,513,000
Arden Hills	7,472,571	(662,529)					(662,529)		6,810,042
Austin	35,592,382	(1,481,448)				301,895	(1,179,553)		34,412,829
Baxter	6,488,750	0	168,621			468,225		636,846	7,125,596
Belle Plaine	7,013,626	(193,245)					(193,245)		6,820,381
Bemidji	11,485,475	(166,455)	298,470			127,844		259,859	11,745,334
Big Lake	6,043,262	(332,172)					(332,172)		5,711,090
Blaine	27,459,798	(668,208)	713,589			570,263		615,645	28,075,443
Bloomington	90,846,549	(4,578,487)				14,996,520		10,418,033	101,264,582
Brainerd	12,372,951	(2,025,611)	(2,025,611)			627,138	(3,424,084)		8,948,867
Brooklyn Center	15,127,544	0	393,115	972,500		2,516,036		3,881,651	19,009,195
Brooklyn Park	26,700,696	420,864	693,863			721,219		1,835,946	28,536,642
Buffalo	18,602,197	(1,148,492)	(1,148,492)				(2,296,985)		16,305,212
Burnsville	48,517,717	(259,437)	1,260,815			403,740		1,405,118	49,922,835
Cambridge	6,809,689	(148,979)	176,961	356,142				384,124	7,193,813
Champlin	10,263,311	(799,278)				37,731	(761,547)		9,501,764
Chanhassen	14,693,365	(1,778,893)	(5,336,678)			65,000	(579,171)	(7,629,741)	7,063,624
Chaska	11,834,385	(406,252)			\$408,699	9,901		12,348	11,846,733
Chisholm	8,389,177	(869,715)					(869,715)		7,519,462
Cloquet	21,515,632	(101,989)	559,120					457,131	21,972,763
Columbia Heights	15,701,882	0	408,040			105,830		513,870	16,215,752
Coon Rapids	35,114,384	(1,359,496)	912,507		1,050,431	516,393		1,119,835	36,234,219
Corcoran	8,216,359	(409,543)				25,058	(384,485)		7,831,874
Cottage Grove	31,743,035	(774,772)	824,897		51,603	659,998		761,726	32,504,761
Crookston	19,794,296	(973,452)					(973,452)		18,820,844
Crystal	17,231,653	0	447,794			709,624		1,157,418	18,389,071
Detroit Lakes	12,242,760	(585,578)					(585,578)		11,657,182
Duluth	130,143,655	0	3,382,004			510,903		3,892,907	134,036,562
Eagan	28,198,323	2,484,080	732,781	298,500		376,961		3,892,322	32,090,645
East Bethel	22,681,091	(624,809)				49,875	(574,934)		22,106,157
East Grand Forks	14,865,755	(185,285)	386,312					201,027	15,066,782
Eden Prairie	48,083,651	(5,286,177)	(10,572,355)		336,529		(15,522,003)		32,561,648
Edina	36,261,151	(1,489,952)			1,107,123	398,370		15,541	36,276,692
Elk River	25,665,229	(627,370)	666,955			1,452,798		1,492,382	27,157,611
Fairmont	26,257,227	(332,672)	682,339			51,256		400,923	26,658,150
Falcon Heights	2,740,771	(264,917)					(264,917)		2,475,854
Faribault	28,464,566	(361,665)	739,700			298,486		676,522	29,141,088
Farmington	17,593,274	(977,520)				76,732	(900,788)		16,692,486
Fergus Falls	23,124,446	(969,012)				94,773	(874,239)		22,250,207

Municipality	2004 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	2005 Adjusted Construction Needs
Forest Lake	\$23,101,888	(\$1,006,766)				\$79,655		(\$927,111)	\$22,174,777
Fridley	22,165,032	(565,327)	\$575,996			95,081	\$1,602,781	1,708,531	23,873,563
Glencoe	7,198,826	0	187,074	\$954,100				1,141,174	8,340,000
Golden Valley	19,254,734	(558,856)						(558,856)	18,695,878
Grand Rapids	16,594,184	0	431,228			67,855		499,083	17,093,267
Ham Lake	27,085,406	(1,941,835)	(1,941,835)			249,227		(3,634,444)	23,450,962
Hastings	13,445,440	(32,519)	349,403					316,884	13,762,324
Hermantown	14,860,695	(91,147)	386,180			330,302		625,336	15,486,031
Hibbing	44,828,968	(545,244)	1,164,957			133,300		753,013	45,581,981
Hopkins	10,282,665	(391,536)				1,000		(390,536)	9,892,129
Hugo	14,222,523	(989,139)				125,690		(863,449)	13,359,074
Hutchinson	15,769,406	(958,841)			\$829,686	341,250		212,095	15,981,501
International Falls	8,249,813	(226,105)						(226,105)	8,023,708
Inver Grove Heights	40,590,813	(1,285,585)				530,332	(7,680,750)	(8,436,003)	32,154,810
Kasson	6,064,444	(180,012)						(180,012)	5,884,432
La Crescent	7,153,713	61,142	185,901					247,043	7,400,756
Lake City	5,954,654	(31,413)	154,742			7,000		130,329	6,084,983
Lake Elmo	6,094,812	(199,177)		972,000		7,395		780,218	6,875,030
Lakeville	49,508,063	2,643,943	1,286,551	3,867,000	959,382	2,964,176		11,721,052	61,229,115
Lino Lakes	16,640,369	69,257	432,428			197,296		698,981	17,339,350
Litchfield	9,444,974	(507,895)						(507,895)	8,937,079
Little Canada	11,746,813	0	305,261					305,261	12,052,074
Little Falls	17,241,035	(355,984)	448,038			540,502		632,555	17,873,590
Mahtomedi	5,552,831	(597,571)						(597,571)	4,955,260
Mankato	31,034,053	(483,941)	806,473			459,138		781,669	31,815,722
Maple Grove	56,445,780	2,506,464	1,466,839		6,511,307	4,833,413		15,318,024	71,763,804
Maplewood	34,713,975	997,827	902,102			3,222,588		5,122,517	39,836,492
Marshall	15,485,503	(895,754)				14,443		(881,311)	14,604,192
Mendota Heights	11,678,805	(243,946)	303,494			38,994		98,541	11,777,346
Minneapolis	323,479,599	(11,681,461)			1,918,503	4,851,172		(4,911,786)	318,567,813
Minnetonka	46,086,730	0	1,197,642			2,094,013		3,291,655	49,378,385
Minnetrissa	4,639,640							0	4,639,640
Montevideo	5,925,514	246,447	153,985			31,070		431,501	6,357,015
Monticello	9,586,944	(801,197)				149,510		(651,687)	8,935,257
Moorhead	43,551,963	(2,480,054)			1,149,085	560,396		(770,573)	42,781,390
Morris	4,577,590	423,664	118,956			10,500		553,121	5,130,711
Mound	9,703,353	0	252,158			1,309,579		1,561,737	11,265,090
Mounds View	10,402,332	(195,395)	270,322					74,927	10,477,259
New Brighton	10,807,897	0	280,862					280,862	11,088,759
New Hope	14,674,657	(1,356,280)	(1,356,280)			183,000		(2,529,560)	12,145,097
New Prague	4,269,551	(205,277)						(205,277)	4,064,274
New Ulm	20,329,451	(2,544,952)	(5,089,903)					(7,634,855)	12,694,596
North Branch	13,732,771	(606,296)		930,500				324,204	14,056,975
North Mankato	12,286,591	62,722	319,288	950,000			(978,583)	353,427	12,640,018
North St. Paul	12,029,817	(99,675)	312,615			66,391		279,332	12,309,149
Northfield	11,583,542	(751,407)						(751,407)	10,832,135
Oak Grove	21,377,943	(389,767)				82,121		(307,646)	21,070,297
Oakdale	9,000,902	1,365,289	233,904			664,083		2,263,276	11,264,178
Orono	11,776,255	(584,537)				41,351		(543,186)	11,233,069
Otsego	17,530,811	136,602	455,568			185,776		777,946	18,308,757
Owatonna	26,884,734	(171,353)	698,645			119,703		646,995	27,531,729

Municipality	2004 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	2005 Adjusted Construction Needs
Plymouth	\$53,142,146	(\$76,094)	\$1,380,989		\$3,688,317	\$202,411		\$5,195,623	\$58,337,769
Prior Lake	18,464,283	847,054	479,826			72,533		1,399,413	19,863,696
Ramsey	25,089,807	54,405	652,001		437,787	91,473		1,235,666	26,325,473
Red Wing	26,589,499	1,211,587	690,973			774,553		2,677,113	29,266,612
Redwood Falls	8,476,791	32,924	220,284					253,208	8,729,999
Richfield	28,276,513	(832,909)				3,984,432	\$1,472,480	4,624,003	32,900,516
Robbinsdale	11,526,732	(2,110,856)	(6,332,567)				(1,602,835)	(10,046,258)	1,480,474
Rochester	71,183,850	2,780,003	1,849,833			2,923,389		7,553,225	78,737,075
Rogers	4,095,503	(250,880)						(250,880)	3,844,623
Rosemount	21,138,096	576,761	549,309		1,756,490	289,450		3,172,011	24,310,107
Roseville	24,455,604	(1,531,816)				368,730		(1,163,086)	23,292,518
Saint Anthony	6,532,683	(100,455)	169,763	\$760,000				829,308	7,361,991
Saint Cloud	52,914,092	(2,178,778)		(75,000)		2,475,734		221,957	53,136,049
Saint Francis	12,971,699	38,789	337,092					375,881	13,347,580
Saint Joseph	3,670,591	(64,812)	95,387					30,574	3,701,165
Saint Louis Park	32,893,242	(695,298)	854,787			516,730		676,219	33,569,461
Saint Michael	17,714,794	1,009,565	460,349			86,132		1,556,046	19,270,840
Saint Paul	237,712,046	(4,528,236)	6,177,351		3,256,021	13,359,639		18,264,775	255,976,821
Saint Paul Park	5,689,086	(332,395)			671,027	19,599		358,231	6,047,317
Saint Peter	16,398,261	(344,823)	426,137			57,382		138,696	16,536,957
Sartell	13,491,648	1,124,379	350,603	1,155,000		193,878		2,823,860	16,315,508
Sauk Rapids	16,047,566	(1,198,803)				37,569		(1,161,234)	14,886,332
Savage	16,477,393	153,456	428,193	1,429,333		400,000		2,410,982	18,888,375
Shakopee	22,767,088	1,624,295	591,641					2,215,937	24,983,025
Shoreview	18,281,960	1,248,980	475,088			25,232		1,749,300	20,031,260
Shorewood	6,201,249	345,866	161,150			181,002		688,018	6,889,267
South St. Paul	14,574,513	(546,974)						(546,974)	14,027,539
Spring Lake Park	2,791,540	0	72,543			188,005		260,548	3,052,088
Stewartville	4,358,886	(175,351)						(175,351)	4,183,535
Stillwater	12,349,781	(1,352,515)	(2,705,029)			19,061		(4,038,483)	8,311,298
Thief River Falls	17,215,756	(211,955)	447,381			90,089		325,515	17,541,271
Vadnais Heights	6,848,455	0	177,969					177,969	7,026,424
Victoria	6,345,507	(145,540)	164,899					19,359	6,364,866
Virginia	16,126,692	(817,204)						(817,204)	15,309,488
Waconia	6,533,501	(802,492)						(802,492)	5,731,009
Waite Park	4,336,589	(186,792)				229,481		42,689	4,379,278
Waseca	7,395,936	0	192,196					192,196	7,588,132
West St. Paul	9,570,981	(1,395,825)	(1,395,825)					(2,791,651)	6,779,330
White Bear Lake	15,613,826	0	405,752					405,752	16,019,578
Willmar	22,099,457	(1,515,637)	(3,031,275)			297,616		(4,249,296)	17,850,161
Winona	21,178,195	(2,575,293)	(5,150,587)			8,000		(7,717,880)	13,460,315
Woodbury	47,970,933	841,340	1,246,606	4,981,260	1,664,032	7,811,015		16,544,253	64,515,186
Worthington	12,170,711	(1,067,509)	(3,202,526)			491		(4,269,543)	7,901,168
STATE TOTAL	\$3,260,315,587	(\$65,309,937)	\$0	\$19,879,835	\$25,796,022	\$85,941,150	(\$8,143,478)	\$58,163,592	\$3,318,479,179

TENTATIVE 2006 ADJUSTED CONSTRUCTION NEEDS APPORTIONMENT

Needs Value: \$1,000 in construction needs = approximately **\$16.81** in apportionment

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Municipality	2005 Adjusted Construction Needs	Construction Needs Apportion- ment Minus Turnback Maintenance	(+) TH Turnback Main- tenance Allowance	2006 Construction Needs Apportion- ment	% Of Total Dist.
Albert Lea	\$25,914,294	\$435,664		\$435,664	0.7792
Albertville	3,247,748	54,600		54,600	0.0977
Alexandria	19,974,856	335,812		335,812	0.6006
Andover	34,045,179	572,358		572,358	1.0237
Anoka	12,688,012	213,307		213,307	0.3815
Apple Valley	33,513,000	563,411		563,411	1.0077
Arden Hills	6,810,042	114,489		114,489	0.2048
Austin	34,412,829	578,539		578,539	1.0347
Baxter	7,125,596	119,794		119,794	0.2143
Belle Plaine	6,820,381	114,662		114,662	0.2051
Bemidji	11,745,334	197,459		197,459	0.3532
Big Lake	5,711,090	96,013		96,013	0.1717
Blaine	28,075,443	471,997		471,997	0.8442
Bloomington	101,264,582	1,702,433		1,702,433	3.0449
Brainerd	8,948,867	150,446	\$2,664	153,110	0.2738
Brooklyn Center	19,009,195	319,577		319,577	0.5716
Brooklyn Park	28,536,642	479,750		479,750	0.8580
Buffalo	16,305,212	274,119		274,119	0.4903
Burnsville	49,922,835	839,289		839,289	1.5011
Cambridge	7,193,813	120,940	10,800	131,740	0.2356
Champlin	9,501,764	159,741		159,741	0.2857
Chanhassen	7,063,624	118,752	0	118,752	0.2124
Chaska	11,846,733	199,164		199,164	0.3562
Chisholm	7,519,462	126,415		126,415	0.2261
Cloquet	21,972,763	369,400		369,400	0.6607
Columbia Heights	16,215,752	272,615		272,615	0.4876
Coon Rapids	36,234,219	609,160		609,160	1.0895
Corcoran	7,831,874	131,667		131,667	0.2355
Cottage Grove	32,504,761	546,461		546,461	0.9774
Crookston	18,820,844	316,411		316,411	0.5659
Crystal	18,389,071	309,152		309,152	0.5529
Detroit Lakes	11,657,182	195,977		195,977	0.3505
Duluth	134,036,562	2,253,386	67,176	2,320,562	4.1504
Eagan	32,090,645	539,499		539,499	0.9649
East Bethel	22,106,157	371,643		371,643	0.6647
East Grand Forks	15,066,782	253,299		253,299	0.4530
Eden Prairie	32,561,648	547,418		547,418	0.9791
Edina	36,276,692	609,874		609,874	1.0908
Elk River	27,157,611	456,566		456,566	0.8166
Fairmont	26,658,150	448,170		448,170	0.8016
Falcon Heights	2,475,854	41,623		41,623	0.0744
Faribault	29,141,088	489,912		489,912	0.8762
Farmington	16,692,486	280,630		280,630	0.5019
Fergus Falls	22,250,207	374,064	28,152	402,216	0.7194
Forest Lake	22,174,777	372,796		372,796	0.6668
Fridley	23,873,563	401,356		401,356	0.7178
Glencoe	8,340,000	140,210		140,210	0.2508
Golden Valley	18,695,878	314,310		314,310	0.5622
Grand Rapids	17,093,267	287,367		287,367	0.5140

Municipality	2005 Adjusted Construction Needs	Construction Needs Apportion- ment Minus Turnback Maintenance	(+) TH Turnback Main- tenance Allowance	2006 Construction Needs Apportion- ment	% Of Total Dist.
Ham Lake	\$23,450,962	\$394,251		\$394,251	0.7051
Hastings	13,762,324	231,368		231,368	0.4138
Hermantown	15,486,031	260,347		260,347	0.4656
Hibbing	45,581,981	766,312		766,312	1.3706
Hopkins	9,892,129	166,304		166,304	0.2974
Hugo	13,359,074	224,589		224,589	0.4017
Hutchinson	15,981,501	268,677		268,677	0.4805
International Falls	8,023,708	134,892		134,892	0.2413
Inver Grove Heights	32,154,810	540,578		540,578	0.9668
Kasson	5,884,432	98,927		98,927	0.1769
La Crescent	7,400,756	124,420		124,420	0.2225
Lake City	6,084,983	102,299		102,299	0.1830
Lake Elmo	6,875,030	115,581		115,581	0.2067
Lakeville	61,229,115	1,029,367		1,029,367	1.8411
Lino Lakes	17,339,350	291,504	\$2,016	293,520	0.5250
Litchfield	8,937,079	150,248		150,248	0.2687
Little Canada	12,052,074	202,616		202,616	0.3624
Little Falls	17,873,590	300,486		300,486	0.5374
Mahtomedi	4,955,260	83,306		83,306	0.1490
Mankato	31,815,722	534,877		534,877	0.9566
Maple Grove	71,763,804	1,206,474		1,206,474	2.1578
Maplewood	39,836,492	669,720		669,720	1.1978
Marshall	14,604,192	245,522		245,522	0.4391
Mendota Heights	11,777,346	197,998		197,998	0.3541
Minneapolis	318,567,813	5,355,676		5,355,676	9.5788
Minnetonka	49,378,385	830,136		830,136	1.4847
Minnetrista	4,639,640	78,000		78,000	0.1395
Montevideo	6,357,015	106,872		106,872	0.1911
Monticello	8,935,257	150,217		150,217	0.2687
Moorhead	42,781,390	719,229		719,229	1.2864
Morris	5,130,711	86,256		86,256	0.1543
Mound	11,265,090	189,386		189,386	0.3387
Mounds View	10,477,259	176,141		176,141	0.3150
New Brighton	11,088,759	186,421		186,421	0.3334
New Hope	12,145,097	204,180		204,180	0.3652
New Prague	4,064,274	68,327		68,327	0.1222
New Ulm	12,694,596	213,418		213,418	0.3817
North Branch	14,056,975	236,322		236,322	0.4227
North Mankato	12,640,018	212,501		212,501	0.3801
North St. Paul	12,309,149	206,938		206,938	0.3701
Northfield	10,832,135	182,107		182,107	0.3257
Oak Grove	21,070,297	354,228		354,228	0.6335
Oakdale	11,264,178	189,370		189,370	0.3387
Orono	11,233,069	188,847		188,847	0.3378
Otsego	18,308,757	307,802		307,802	0.5505
Owatonna	27,531,729	462,856		462,856	0.8278
Plymouth	58,337,769	980,759		980,759	1.7541
Prior Lake	19,863,696	333,943		333,943	0.5973
Ramsey	26,325,473	442,577		442,577	0.7916
Red Wing	29,266,612	492,022		492,022	0.8800
Redwood Falls	8,729,999	146,766		146,766	0.2625
Richfield	32,900,516	553,115		553,115	0.9893
Robbinsdale	1,480,474	24,889		24,889	0.0445
Rochester	78,737,075	1,323,706		1,323,706	2.3675
Rogers	3,844,623	64,635		64,635	0.1156
Rosemount	24,310,107	408,695		408,695	0.7310
Roseville	23,292,518	391,588		391,588	0.7004

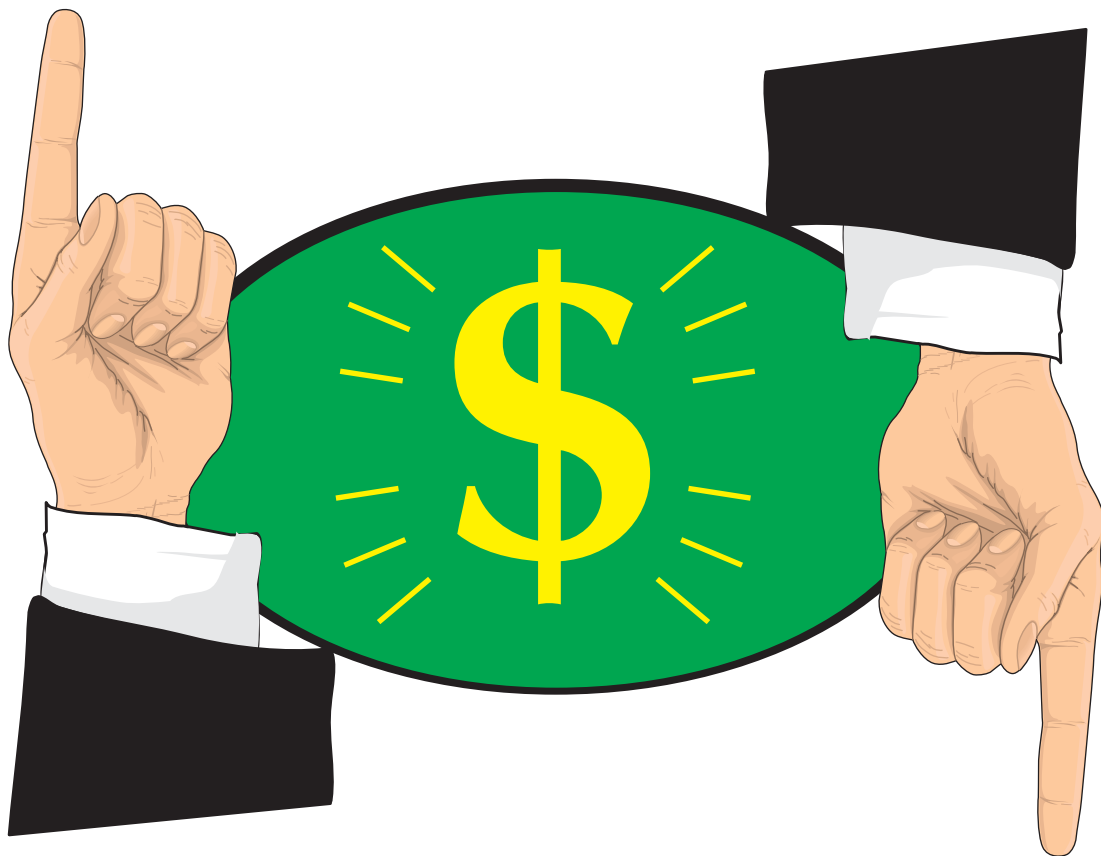
Municipality	2005 Adjusted Construction Needs	Construction Needs Apportion- ment Minus Turnback Maintenance	(+) TH Turnback Main- tenance Allowance	2006 Construction Needs Apportion- ment	% Of Total Dist.
Saint Anthony	\$7,361,991	\$123,768		\$123,768	0.2214
Saint Cloud	53,136,049	893,309	\$4,968	898,277	1.6066
Saint Francis	13,347,580	224,396		224,396	0.4013
Saint Joseph	3,701,165	62,223		62,223	0.1113
Saint Louis Park	33,569,461	564,361		564,361	1.0094
Saint Michael	19,270,840	323,976		323,976	0.5794
Saint Paul	255,976,821	4,303,413		4,303,413	7.6968
Saint Paul Park	6,047,317	101,666		101,666	0.1818
Saint Peter	16,536,957	278,015		278,015	0.4972
Sartell	16,315,508	274,292		274,292	0.4906
Sauk Rapids	14,886,332	250,265		250,265	0.4476
Savage	18,888,375	317,546		317,546	0.5679
Shakopee	24,983,025	420,008	6,624	426,632	0.7630
Shoreview	20,031,260	336,760		336,760	0.6023
Shorewood	6,889,267	115,821		115,821	0.2071
South St. Paul	14,027,539	235,827		235,827	0.4218
Spring Lake Park	3,052,088	51,311		51,311	0.0918
Stewartville	4,183,535	70,332		70,332	0.1258
Stillwater	8,311,298	139,727		139,727	0.2499
Thief River Falls	17,541,271	294,899		294,899	0.5274
Vadnais Heights	7,026,424	118,126		118,126	0.2113
Victoria	6,364,866	107,004		107,004	0.1914
Virginia	15,309,488	257,379		257,379	0.4603
Waconia	5,731,009	96,349		96,349	0.1723
Waite Park	4,379,278	73,624		73,624	0.1317
Waseca	7,588,132	127,571		127,571	0.2282
West St. Paul	6,779,330	113,973		113,973	0.2038
White Bear Lake	16,019,578	269,318		269,318	0.4817
Willmar	17,850,161	300,093		300,093	0.5367
Winona	13,460,315	226,292		226,292	0.4047
Woodbury	64,515,186	1,084,613		1,084,613	1.9399
Worthington	7,901,168	132,833		132,833	0.2376
STATE TOTAL	\$3,318,479,179	\$55,789,375	\$122,400	\$55,911,775	100.0000

Construction Needs Apportionment = \$55,789,375/ \$3,318,479,179=0.016812

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

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Adjustments to the 25 Year



Construction Needs



OTES and COMMENTS

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UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

The unencumbered amount available as of December 31, 2005 will be used as a deduction from each city's total needs adjustment for the 2006 apportionment. The August 31, 2005 balance was used in this booklet for estimation purposes.

The total fund balance decreased by \$39,168,081 between August 31, 2004 and December 31, 2004. The total fund balance increased by \$1,132,793 between August 31, 2004 and August 31, 2005. The August 31, 2005 unencumbered balance available includes the 2005 total construction apportionment amount of \$85,619,350. Remaining bond principal owed has been deducted from the unencumbered balance available.

Municipalities	Unencumbered Balance Available 12-31-2004	Unencumbered Balance Available 08-31-2005	Difference Between 08-31-05 and 12-31-2004	Percentage of Total Amount in 8-31-05 Account	Ratio bet Balance & City's 2005 Construction Allotment
Albert Lea	\$648,737	\$0	(\$648,737)	0.000	0.000
Albertville	0	0	0	0.000	0.000
Alexandria	(242,511)	119,380	361,891	0.183	0.330
Andover	943,372	21,178	(922,194)	0.032	0.032
Anoka	641,405	314,252	(327,153)	0.481	0.840
Apple Valley	225,164	(1,676,060)	(1,901,224)	(2.566)	(1.311)
Arden Hills	453,525	662,529	209,004	1.014	3.170
Austin	1,434,175	1,481,448	47,273	2.268	1.736
Baxter	0	0	0	0.000	0.000
Belle Plaine	0	193,245	193,245	0.296	1.000
Bemidji	(125,569)	166,455	292,024	0.255	0.544
Big Lake	167,410	332,172	164,762	0.000	2.016
Blaine	293,732	668,208	374,476	1.023	0.678
Bloomington	2,514,383	4,578,487	2,064,104	7.010	2.218
Brainerd	0	2,025,611	2,025,611	3.102	5.014
Brooklyn Center	278,448	0	(278,448)	0.000	0.000
Brooklyn Park	(841,728)	(420,864)	420,864	(0.644)	(0.349)
Buffalo	911,235	1,148,492	237,257	1.759	3.293
Burnsville	74,583	259,437	184,854	0.397	0.191
Cambridge	45,000	148,979	103,979	0.228	0.713
Champlin	398,135	799,278	401,143	1.224	1.993
Chanhassen	2,329,378	1,778,893	(550,485)	2.724	5.180
Chaska	0	406,252	406,252	0.622	1.000
Chisholm	721,829	869,715	147,886	1.332	5.881
Cloquet	861,482	101,989	(759,493)	0.156	0.319
Columbia Heights	0	0	0	0.000	0.000
Coon Rapids	169,420	1,359,496	1,190,076	2.082	0.866
Corcoran	372,834	409,543	36,709	0.627	2.859
Cottage Grove	61,949	774,772	712,823	1.186	0.746
Crookston	1,028,836	973,452	(55,384)	1.491	2.795
Crystal	57,932	0	(57,932)	0.000	0.000
Detroit Lakes	356,489	585,578	229,089	0.897	2.556
Duluth	0	0	0	0.000	0.000
Eagan	(4,000,000)	(2,484,080)	1,515,920	(3.804)	(1.639)
East Bethel	498,383	624,809	126,426	0.957	1.562
East Grand Forks	0	185,285	185,285	0.284	0.638
Eden Prairie	3,631,985	5,286,177	1,654,192	8.094	3.196
Edina	423,157	1,489,952	1,066,795	2.281	1.397
Elk River	215,857	627,370	411,513	0.961	0.867

Municipalities	Unencumbered Balance Available 12-31-2004	Unencumbered Balance Available 08-31-2005	Difference Between 08-31-05 and 12-31-2004	Percentage of Total Amount in 8-31-05 Account	Ratio bet Balance & City's 2005 Construction Allotment
Fairmont	\$173,517	\$332,672	\$159,155	0.509	0.556
Falcon Heights	177,376	264,917	87,541	0.406	3.026
Faribault	0	361,665	361,665	0.554	0.589
Farmington	1,228,848	977,520	(251,328)	1.497	2.599
Fergus Falls	768,032	969,012	200,980	1.484	2.096
Forest Lake	525,307	1,006,766	481,459	1.542	2.091
Fridley	438,042	565,327	127,285	0.866	0.960
Glencoe	(62,032)	0	62,032	0.000	0.000
Golden Valley	47,794	558,856	511,062	0.856	1.094
Grand Rapids	203,599	0	(203,599)	0.000	0.000
Ham Lake	1,366,216	1,941,835	575,619	2.973	3.373
Hastings	27,250	32,519	5,269	0.050	0.080
Hermantown	(76,784)	91,147	167,931	0.140	0.309
Hibbing	(190,851)	545,244	736,095	0.835	0.701
Hopkins	46,188	391,536	345,348	0.600	1.134
Hugo	799,033	989,139	190,106	1.515	4.143
Hutchinson	497,304	958,841	461,537	1.468	2.077
International Falls	0	226,105	226,105	0.346	1.000
Inver Grove Heights	1,884,748	1,285,585	(599,163)	1.968	1.926
Kasson	0	180,012	180,012	0.276	1.000
La Crescent	(141,142)	(61,142)	80,000	(0.094)	(0.297)
Lake City	(117,412)	31,413	148,825	0.048	0.211
Lake Elmo	222,055	199,177	(22,878)	0.305	1.064
Lakeville	(4,000,000)	(2,643,943)	1,356,057	(4.048)	(1.710)
Lino Lakes	(544,766)	(69,257)	475,509	(0.106)	(0.146)
Litchfield	333,891	507,895	174,004	0.778	2.919
Little Canada	972,920	0	(972,920)	0.000	0.000
Little Falls	658,235	355,984	(302,251)	0.545	0.871
Mahtomedi	387,125	597,571	210,446	0.915	2.840
Mankato	492,127	483,941	(8,186)	0.741	0.586
Maple Grove	(3,648,522)	(2,506,464)	1,142,058	(3.838)	(1.561)
Maplewood	(1,851,171)	(997,827)	853,344	(1.528)	(1.169)
Marshall	382,477	895,754	513,277	1.372	1.729
Mendota Heights	68,093	243,946	175,853	0.374	0.937
Minneapolis	6,770,411	11,681,461	4,911,050	17.886	1.520
Minnetonka	15,992	0	(15,992)	0.000	0.000
Minnetrista	0	0	0	0.000	0.000
Montevideo	(439,373)	(246,447)	192,926	(0.377)	(1.277)
Monticello	599,161	801,197	202,036	1.227	3.966
Moorhead	1,723,353	2,480,054	756,701	3.797	2.525
Morris	(429,861)	(423,664)	6,197	(0.649)	(3.284)
Mound	(185,913)	0	185,913	0.000	0.000
Mounds View	388,670	195,395	(193,275)	0.299	0.698
New Brighton	(17,209)	0	17,209	0.000	0.000
New Hope	921,449	1,356,280	434,831	2.077	3.119
New Prague	85,561	205,277	119,716	0.314	1.715
New Ulm	2,067,117	2,544,952	477,835	3.897	5.326
North Branch	508,004	606,296	98,292	0.928	1.935
North Mankato	(299,255)	(62,722)	236,533	(0.096)	(0.176)
North St. Paul	444,023	99,675	(344,348)	0.153	0.330
Northfield	383,508	751,407	367,899	1.151	2.092
Oak Grove	28,887	389,767	360,880	0.597	1.080
Oakdale	(1,858,665)	(1,365,289)	493,376	(2.090)	(2.767)
Orono	447,998	584,537	136,539	0.895	2.285
Otsego	(435,140)	(136,602)	298,538	(0.209)	(0.458)
Owatonna	(146,405)	171,353	317,758	0.262	0.247

Municipalities	Unencumbered Balance Available 12-31-2004	Unencumbered Balance Available 08-31-2005	Difference Between 08-31-05 and 12-31-2004	Percentage of Total Amount in 8-31-05 Account	Ratio bet Balance & City's 2005 Construction Allotment
Plymouth	\$1,013,727	\$76,094	(\$937,633)	0.117	0.048
Prior Lake	(1,318,718)	(847,054)	471,664	(1.297)	(1.796)
Ramsey	(85,987)	(54,405)	31,582	(0.083)	(0.083)
Red Wing	(1,685,585)	(1,211,587)	473,998	(1.855)	(2.556)
Redwood Falls	(213,039)	(32,924)	180,115	(0.050)	(0.183)
Richfield	200,375	832,909	632,534	1.275	1.045
Robbinsdale	1,827,500	2,110,856	283,356	3.232	7.449
Rochester	(4,000,000)	(2,780,003)	1,219,997	(4.257)	(1.127)
Rogers	123,652	250,880	127,228	0.384	1.972
Rosemount	(880,085)	(576,761)	303,324	(0.883)	(0.953)
Roseville	813,924	1,531,816	717,892	2.345	2.134
St. Anthony	(22,766)	100,455	123,221	0.154	0.520
St. Cloud	981,084	2,178,778	1,197,694	3.336	1.467
St. Francis	(107,433)	(38,789)	68,644	(0.059)	(0.162)
St. Joseph	121,269	64,812	(56,457)	0.099	0.459
St. Louis Park	1,067,990	695,298	(372,692)	1.065	0.834
St. Michael	(1,398,444)	(1,009,565)	388,879	(1.546)	(2.596)
St. Paul	58,897	4,528,236	4,469,339	6.933	0.765
St. Paul Park	224,949	332,395	107,446	0.509	2.598
St. Peter	38,478	344,823	306,345	0.528	0.847
Sartell	(1,415,274)	(1,124,379)	290,895	(1.722)	(2.991)
Sauk Rapids	766,790	1,198,803	432,013	1.836	2.775
Savage	(608,778)	(153,456)	455,322	(0.235)	(0.254)
Shakopee	(2,122,233)	(1,624,295)	497,938	(2.487)	(2.541)
Shoreview	(1,857,177)	(1,248,980)	608,197	(1.912)	(2.054)
Shorewood	(524,950)	(345,866)	179,084	(0.530)	(1.931)
South St. Paul	637,943	546,974	(90,969)	0.838	1.316
Spring Lake Park	401,286	0	(401,286)	0.000	0.000
Stewartville	50,603	175,351	124,748	0.268	1.406
Stillwater	1,005,095	1,352,515	347,420	2.071	3.893
Thief River Falls	65,030	211,955	146,925	0.325	0.598
Vadnais Heights	190,520	0	(190,520)	0.000	0.000
Victoria	0	145,540	0	0.000	0.781
Virginia	502,777	817,204	314,427	1.251	2.599
Waconia	619,692	802,492	182,800	1.229	4.054
Waite Park	17,899	186,792	168,893	0.286	1.106
Waseca	724,770	0	(724,770)	0.000	0.000
West St. Paul	1,072,629	1,395,825	323,196	2.137	4.004
White Bear Lake	(246,004)	0	246,004	0.000	0.000
Willmar	993,471	1,515,637	522,166	2.321	3.094
Winona	2,028,649	2,575,293	546,644	3.943	4.711
Woodbury	(1,583,086)	(841,340)	741,746	(1.288)	(0.620)
Worthington	1,340,756	1,067,509	(273,248)	1.635	4.123
TOTAL	\$25,009,033	\$65,309,937	\$40,155,364	100.0000	0.7628

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 September 1, 2005 balance is used for this estimate. The final adjustment will be made using the December 31, 2005 construction fund balances.

EXCESS BALANCE ADJUSTMENT REDISTRIBUTED AS LOW BALANCE INCENTIVE

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Municipalities	January 2005 Construction Allotment	Unencumbered Amount Available (8/31/05)	Ratio bet Balance & City's 2005 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	2005 Actual 25- Year Construction Needs	Low Balance Incentive Factor	Low Balance Incentive
Albert Lea	\$462,555	\$0	0.000				\$25,251,270	0.0133	\$656,197
Albertville	0	0	0.000						
Alexandria	361,891	119,380	0.330				19,585,279	0.0103	508,957
Andover	672,145	21,178	0.032				31,542,980	0.0166	819,698
Anoka	374,137	314,252	0.840				12,485,623	0.0066	324,460
Apple Valley	1,278,156	(1,676,060)	(1.311)				30,517,817	0.0161	793,057
Arden Hills	209,004	662,529	3.170			No Adjustment			
Austin	853,370	1,481,448	1.736						
Baxter	252,897	0	0.000				6,488,750	0.0034	168,621
Belle Plaine	193,245	193,245	1.000						
Bemidji	305,885	166,455	0.544				11,485,475	0.0061	298,470
Big Lake	164,762	332,172	2.016						
Blaine	985,192	668,208	0.678				27,459,798	0.0145	713,589
Bloomington	2,064,104	4,578,487	2.218						
Brainerd	403,998	2,025,611	5.014	2006	1	(\$2,025,611)			
Brooklyn Center	695,572	0	0.000				15,127,544	0.0080	393,115
Brooklyn Park	1,205,668	(420,864)	(0.349)				26,700,696	0.0141	693,863
Buffalo	348,761	1,148,492	3.293	2006	1	(1,148,492)			
Burnsville	1,356,940	259,437	0.191				48,517,717	0.0256	1,260,815
Cambridge	208,979	148,979	0.713				6,809,689	0.0036	176,961
Champlin	401,143	799,278	1.993						
Chanhassen	343,437	1,778,893	5.180	2004	3	(5,336,678)			
Chaska	406,252	406,252	1.000						
Chisholm	147,886	869,715	5.881			No Adjustment			
Cloquet	319,823	101,989	0.319				21,515,632	0.0113	559,120
Columbia Heights	415,513	0	0.000				15,701,882	0.0083	408,040
Coon Rapids	1,569,246	1,359,496	0.866				35,114,384	0.0185	912,507
Corcoran	143,271	409,543	2.859						
Cottage Grove	1,038,157	774,772	0.746				31,743,035	0.0167	824,897
Crookston	348,308	973,452	2.795						
Crystal	423,169	0	0.000				17,231,653	0.0091	447,794
Detroit Lakes	229,089	585,578	2.556						
Duluth	2,519,061	0	0.000				130,143,655	0.0686	3,382,004
Eagan	1,515,920	(2,484,080)	(1.639)				28,198,323	0.0149	732,781
East Bethel	399,895	624,809	1.562						
East Grand Forks	290,196	185,285	0.638				14,865,755	0.0078	386,312
Eden Prairie	1,654,192	5,286,177	3.196	2005	2	(10,572,355)			
Edina	1,066,795	1,489,952	1.397						

Municipalities	January 2005 Construction Allotment	Unencumbered Amount Available (8/31/05)	Ratio bet Balance & City's 2005 Construction Allotment	First Year of Excess Balance			2005 Actual 25- Year Construction Needs	Low Balance Incentive Factor	Low Balance Incentive
				Adjustment	Multiplier	Excess Balance Adjustment			
Elk River	\$723,521	\$627,370	0.867				\$25,665,229	0.0135	\$666,955
Fairmont	598,039	332,672	0.556				26,257,227	0.0138	682,339
Falcon Heights	87,541	264,917	3.026			No Adjustment			
Faribault	614,302	361,665	0.589				28,464,566	0.0150	739,700
Farmington	376,180	977,520	2.599						
Fergus Falls	462,404	969,012	2.096						
Forest Lake	481,459	1,006,766	2.091						
Fridley	588,805	565,327	0.960				22,165,032	0.0117	575,996
Glencoe	153,603	0	0.000				7,198,826	0.0038	187,074
Golden Valley	511,062	558,856	1.094						
Grand Rapids	291,040	0	0.000				16,594,184	0.0087	431,228
Ham Lake	575,619	1,941,835	3.373	2006	1	(\$1,941,835)			
Hastings	405,269	32,519	0.080				13,445,440	0.0071	349,403
Hermantown	295,163	91,147	0.309				14,860,695	0.0078	386,180
Hibbing	777,747	545,244	0.701				44,828,968	0.0236	1,164,957
Hopkins	345,348	391,536	1.134						
Hugo	238,727	989,139	4.143			No Adjustment			
Hutchinson	461,537	958,841	2.077						
International Falls	226,105	226,105	1.000						
Inver Grove Heights	667,399	1,285,585	1.926						
Kasson	180,012	180,012	1.000						
La Crescent	205,944	(61,142)	(0.297)				7,153,713	0.0038	185,901
Lake City	148,825	31,413	0.211				5,954,654	0.0031	154,742
Lake Elmo	187,122	199,177	1.064						
Lakeville	1,546,057	(2,643,943)	(1.710)				49,508,063	0.0261	1,286,551
Lino Lakes	475,509	(69,257)	(0.146)				16,640,369	0.0088	432,428
Litchfield	174,004	507,895	2.919						
Little Canada	263,950	0	0.000				11,746,813	0.0062	305,261
Little Falls	408,577	355,984	0.871				17,241,035	0.0091	448,038
Mahtomedi	210,446	597,571	2.840						
Mankato	826,076	483,941	0.586				31,034,053	0.0164	806,473
Maple Grove	1,605,376	(2,506,464)	(1.561)				56,445,780	0.0298	1,466,839
Maplewood	853,344	(997,827)	(1.169)				34,713,975	0.0183	902,102
Marshall	518,058	895,754	1.729						
Mendota Heights	260,479	243,946	0.937				11,678,805	0.0062	303,494
Minneapolis	7,685,195	11,681,461	1.520						
Minnetonka	1,550,264	0	0.000				46,086,730	0.0243	1,197,642
Minnetrista	0	0	0.000						
Montevideo	192,926	(246,447)	(1.277)				5,925,514	0.0031	153,985
Monticello	202,036	801,197	3.966			No Adjustment			
Moorhead	982,092	2,480,054	2.525						

Municipalities	January 2005 Construction Allotment	Unencumbered Amount Available (8/31/05)	Ratio bet Balance & City's 2005 Construction Allotment	First Year of Excess Balance			2005 Actual 25- Year Construction Needs	Low Balance Incentive Factor	Low Balance Incentive
				Adjustment	Multiplier	Excess Balance Adjustment			
Morris	\$129,007	(\$423,664)	(3.284)				\$4,577,590	0.0024	\$118,956
Mound	260,607	0	0.000				9,703,353	0.0051	252,158
Mounds View	279,750	195,395	0.698				10,402,332	0.0055	270,322
New Brighton	411,469	0	0.000				10,807,897	0.0057	280,862
New Hope	434,831	1,356,280	3.119	2006	1	(\$1,356,280)			
New Prague	119,716	205,277	1.715						
New Ulm	477,835	2,544,952	5.326	2005	2	(5,089,903)			
North Branch	313,292	606,296	1.935						
North Mankato	356,533	(62,722)	(0.176)				12,286,591	0.0065	319,288
North St. Paul	302,287	99,675	0.330				12,029,817	0.0063	312,615
Northfield	359,140	751,407	2.092						
Oak Grove	360,880	389,767	1.080						
Oakdale	493,376	(1,365,289)	(2.767)				9,000,902	0.0047	233,904
Orono	255,821	584,537	2.285						
Otsego	298,538	(136,602)	(0.458)				17,530,811	0.0092	455,568
Owatonna	693,809	171,353	0.247				26,884,734	0.0142	698,645
Plymouth	1,571,218	76,094	0.048				53,142,146	0.0280	1,380,989
Prior Lake	471,664	(847,054)	(1.796)				18,464,283	0.0097	479,826
Ramsey	654,567	(54,405)	(0.083)				25,089,807	0.0132	652,001
Red Wing	473,998	(1,211,587)	(2.556)				26,589,499	0.0140	690,973
Redwood Falls	180,115	(32,924)	(0.183)				8,476,791	0.0045	220,284
Richfield	796,893	832,909	1.045						
Robbinsdale	283,356	2,110,856	7.449	2004	3	(6,332,567)			
Rochester	2,467,038	(2,780,003)	(1.127)				71,183,850	0.0375	1,849,833
Rogers	127,228	250,880	1.972						
Rosemount	605,406	(576,761)	(0.953)				21,138,096	0.0111	549,309
Roseville	717,892	1,531,816	2.134						
Saint Anthony	193,221	100,455	0.520				6,532,683	0.0034	169,763
Saint Cloud	1,484,778	2,178,778	1.467						
Saint Francis	239,709	(38,789)	(0.162)				12,971,699	0.0068	337,092
Saint Joseph	141,088	64,812	0.459				3,670,591	0.0019	95,387
Saint Louis Park	833,896	695,298	0.834				32,893,242	0.0173	854,787
Saint Michael	388,879	(1,009,565)	(2.596)				17,714,794	0.0093	460,349
Saint Paul	5,919,801	4,528,236	0.765				237,712,046	0.1253	6,177,351
Saint Paul Park	127,927	332,395	2.598						
Saint Peter	407,081	344,823	0.847				16,398,261	0.0086	426,137
Sartell	375,895	(1,124,379)	(2.991)				13,491,648	0.0071	350,603
Sauk Rapids	432,013	1,198,803	2.775						
Savage	605,322	(153,456)	(0.254)				16,477,393	0.0087	428,193
Shakopee	639,329	(1,624,295)	(2.541)				22,767,088	0.0120	591,641
Shoreview	608,197	(1,248,980)	(2.054)				18,281,960	0.0096	475,088

Municipalities	January 2005 Construction Allotment	Unencumbered Amount Available (8/31/05)	Ratio bet Balance & City's 2005 Construction Allotment	First Year of			2005 Actual 25- Year Construction Needs	Low Balance Incentive Factor	Low Balance Incentive
				Excess Balance Adjustment	Multiplier	Excess Balance Adjustment			
Shorewood	\$179,083	(\$345,866)	(1.931)				\$6,201,249	0.0033	\$161,150
South Saint Paul	415,645	546,974	1.316						
Spring Lake Park	115,007	0	0.000				2,791,540	0.0015	72,543
Stewartville	124,747	175,351	1.406						
Stillwater	347,420	1,352,515	3.893	2005	2	(\$2,705,029)			
Thief River Falls	354,316	211,955	0.598				17,215,756	0.0091	447,381
Vadnais Heights	240,845	0	0.000				6,848,455	0.0036	177,969
Victoria	186,366	145,540	0.781				6,345,507	0.0033	164,899
Virginia	314,427	817,204	2.599						
Waconia	197,967	802,492	4.054			No Adjustment			
Waite Park	168,893	186,792	1.106						
Waseca	195,457	0	0.000				7,395,936	0.0039	192,196
West Saint Paul	348,588	1,395,825	4.004	2006	1	(1,395,825)			
White Bear Lake	499,246	0	0.000				15,613,826	0.0082	405,752
Willmar	489,845	1,515,637	3.094	2005	2	(3,031,275)			
Winona	546,644	2,575,293	4.711	2005	2	(5,150,587)			
Woodbury	1,356,746	(841,340)	(0.620)				47,970,933	0.0253	1,246,606
Worthington	258,930	1,067,509	4.123	2004	3	(3,202,526)			
TOTAL	\$85,619,350	\$65,309,937				(\$49,288,963)	\$1,896,699,734	1.0000	\$49,288,963

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

FOR THE OCTOBER 2005 ESTIMATE OF THE JANUARY 2006 ALLOCATION

Thirteen cities with over three times their January 2005 construction allotment in their September 1, 2005 account balance had \$49,288,963 in needs redistributed to 76 cities with less than one times their allotment in their account.

Six cities have over three times their January 2005 construction allotment as their September 1 account balance, but received no adjustment because the balance was less than \$1 million.

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.

FOR THE ACTUAL JANUARY 2005 ALLOCATION

Six cities with over three times their January 2004 construction allotment in their December 31, 2004 account balance had \$16,319,882 in needs redistributed to 77 cities with less than one times their allotment in their account.

Six cities had over three times their January 2004 construction allotment as their December 31, 2004 account balance, but received no adjustment because the balance was less than \$1 million.

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

		(A)	(B)	(C)	(D)	(E)	(D minus C minus E)
			Total Amount Applied Toward	(A Minus B) Amount Not Applied Toward	Remaining Amount of Principal To Be Paid	Off System Disburse- ment	Bond Account Adjustment
Municipality	Date of Issue	Amount of Issue	State Aid Projects	State Aid Projects			
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, 2004)

(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 2005 Book/Bond Account Adjustment 2005 (Bond Account Adj. New Method).xls

26-Sep-05

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 Disbursement	Year of First Bond Principal Payment	Percentage of issue Applied to Adjustment	Bond Account Adjustment
Andover	6-28-01	\$2,755,000	\$2,755,000	\$0	\$2,340,000		2001	70%	\$1,928,500
Brooklyn Center	12-01-98	1,945,000	1,945,000	0	575,000		1999	50%	972,500
Eagan	12-01-96	995,000	205,078	789,922	0		1997	30%	298,500
Glencoe	08-01-98	155,000	0	155,000	0		1999	50%	77,500
Glencoe	06-01-03	974,000	0	974,000	926,000		2003	90%	876,600
Lake Elmo	10-01-01	1,080,000	1,080,000	0	950,000		2003	90%	972,000
Lakeville	08-21-00	4,290,000	4,290,000	0	3,775,000		2001	70%	3,003,000
Lakeville	12-01-01	1,080,000	1,080,000	0	955,000		2002	80%	864,000
North Branch	10-23-00	320,000	161,790	158,210	60,000		2001	70%	224,000
North Branch	8-01-02	785,000	0	785,000	745,000		2003	90%	706,500
North Branch	8-01-04	1,360,000	0	1,360,000	1,360,000			100%	0
North Mankato	08-01-98	1,900,000	1,900,000	0	1,295,000		1999	50%	950,000
St. Anthony	07-01-00	950,000	0	950,000	740,000		2002	80%	760,000
Sartell	07-24-00	1,650,000	1,650,000	0	1,310,000		2001	70%	1,155,000
Savage	06-17-96	717,775	8,051	709,724	482,775		1997	30%	215,333
Savage	10-01-97	820,000	820,000	0	590,000		2001	70%	574,000
Savage	04-02-00	800,000	0	800,000	635,000		2002	80%	640,000
Woodbury*	07-20-01	4,589,700	0	4,589,700	4,209,700		2002	80%	3,671,760
Woodbury	06-01-02	1,455,000	1,425,000	30,000	475,000		2003	90%	1,309,500
TOTAL		\$28,621,475	\$17,319,919	\$11,301,556	\$21,423,475				\$19,198,693

* 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 apportion.xls

26-Sep-05

Municipality	MSAS Number	Structure Number	First Year of Adjustment	Year of Apportionment Expiration	15 Years Amount Expired	Type of Funds	Project Development & Construction Engineering	Project Needs	Total Needs Adjustment
Chaska	107		1997	2011			\$62,344	\$346,355	\$408,699
Coon Rapids	120		1999	2013			160,235	890,196	1,050,431
Cottage Grove	111		1997	2011			7,872	43,731	51,603
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	6,511,307
	135	27A49	2002	2016		Local Funds	125,466	627,329	
	134	27A40	2002	2016		MSAS	62,150	310,749	
	138	27A69	2003	2017		Local Funds	645,000	3,348,800	
	138	27A69	2004	2018		Local Funds	174,300	1,100,000	
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	3,688,317
	165-007	27A95	2004	2018		MSAS	311,915	1,559,577	
	164-009	27A68	2004	2018		MSAS	115,462	577,312	
Ramsey	104		1998	2012			54,554	303,077	437,787
	109-002	02569	2006	2020		MSAS	13,359	66,797	
Rosemount	104-004	19557	2006	2020		MSAS	292,748	1,463,742	1,756,490
Saint Paul	288-003	62598	2005	2019		MSAS, Local	281,122	1,142,855	3,256,021
	288-004	62616	2006	2020		MSAS	284,960	1,424,802	
	302-002	62617	2006	2020		MSAS	20,380	101,901	
St. Paul Park	108-001	82027	2006	2020		MSAS	111,838	559,189	671,027
Woodbury	108		1996	2010			253,835	1,410,197	1,664,032
TOTAL					\$0		\$4,213,642	\$21,582,382	\$25,796,022

PROJECT LISTING OF RIGHT-OF-WAY ACQUISITION

Acquired in 2004

EXCEL2005\October 2005 Book\Right of Way Projects 2004 for 2006.xls

MUNICIPALITY	PROJECT	PROJECT AMOUNT	TOTAL ADJUSTMENT
Andover	198-119-003	\$89	\$89
Bloomington	107-413-008	9,348	
	107-415-022	119,114	128,462
Brooklyn Park	110-104-010	2,008	2,008
Eagan	195-114-005	55,985	55,985
Faribault	125-137-001	25,486	25,486
Hermantown	202-103-007	124,855	124,855
Lake City	234-119-001	7,000	7,000
Mankato	137-116-005	82,695	82,695
Maple Grove	189-101-003	1,468,004	1,468,004
Maplewood	138-121-003 and 138-112-005 Local Funds	2,469,720	
	138-142-001 Local Funds	618,997	
	138-105-001 Local Funds	1,500	
	138-112-006 Local Funds	77,600	3,167,817
Mendota Heights	140-106-003	1,795	1,795
Montevideo	143-117-002	13,949	13,949
Moorhead	144-135-005	156,112	156,112
Oak Grove	223-103-001	20,608	20,608
Owatonna	153-125-006	56,126	
	153-134-001	59,811	115,937
Rochester	159-104-010	1,718	
	159-140-002	127,306	
	159-140-002	351,701	
	159-157-002	39,442	520,167
St. Cloud	162-114-008	153,330	153,330
St. Paul Park	184-080-02	19,599	19,599
St. Peter	165-126-002	31,200	31,200
Savage	211-109-001	20,000	
	211-109-001	380,000	400,000
Shorewood	216-109-001	150,728	150,728
			\$6,645,826

NEEDS ADJUSTMENT FOR RIGHT-OF-WAY ACQUISITION

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

MSAS\EXCEL\2005\OCTOBER\2005 BOOK\Right of Way Adjustment October 2005.xls

26-Sep-05

MUNICIPALITY	1989-2003 RIGHT-OF-WAY EXPENDITURES	+	2004 RIGHT-OF-WAY EXPENDITURES	-	1989 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2006 APPORTIONMENT
Albert Lea	\$6,827		--		--		\$6,827
Alexandria	--		--		--		--
Andover	152,490		\$89		--		152,579
Anoka	192,181		--		--		192,181
Apple Valley	126,066		--		--		126,066
Arden Hills	--		--		--		--
Austin	301,895		--		--		301,895
Baxter	468,225		--		--		468,225
Belle Plaine	--		--		--		--
Bemidji	276,323		--		(\$148,479)		127,844
Big Lake	--		--		--		--
Blaine	570,263		--		--		570,263
Bloomington	14,868,058		128,462		--		14,996,520
Brainerd	627,138		--		--		627,138
Brooklyn Center	2,516,036		--		--		2,516,036
Brooklyn Park	725,843		2,008		(6,632)		721,219
Buffalo	--		--		--		--
Burnsville	403,740		--		--		403,740
Cambridge	--		--		--		--
Champlin	133,275		--		(95,544)		37,731
Chanhassen	65,000		--		--		65,000
Chaska	9,901		--		--		9,901
Chisholm	--		--		--		--
Cloquet	--		--		--		--
Columbia Heights	105,830		--		--		105,830
Coon Rapids	917,960		--		(401,567)		516,393
Corcoran	25,058		--		--		25,058
Cottage Grove	659,998		--		--		659,998
Crookston	--		--		--		--
Crystal	928,605		--		(218,981)		709,624
Detroit Lakes	--		--		--		--
Duluth	510,903		--		--		510,903
Eagan	441,566		55,985		(120,590)		376,961
East Bethel	51,075		--		(1,200)		49,875
East Grand Forks	121,700		--		(121,700)		--
Eden Prairie	--		--		--		--
Edina	443,666		--		(45,296)		398,370
Elk River	1,460,798		--		(8,000)		1,452,798
Fairmont	51,256		--		--		51,256
Falcon Heights	--		--		--		--
Faribault	273,000		25,486		--		298,486

MUNICIPALITY	1989-2003 RIGHT-OF-WAY EXPENDITURES	+	2004 RIGHT-OF-WAY EXPENDITURES	-	1989 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2006 APPORTIONMENT
Farmington	\$83,865		--		(\$7,133)		\$76,732
Fergus Falls	94,773		--				94,773
Forest Lake	79,655		--				79,655
Fridley	95,081		--				95,081
Glencoe	--		--				--
Golden Valley	--		--				--
Grand Rapids	67,855		--				67,855
Ham Lake	249,227		--				249,227
Hastings	--		--				--
Hermantown	211,100		\$124,855		(5,653)		330,302
Hibbing	196,525		--		(63,225)		133,300
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	--		7,000				7,000
Lake Elmo	82,400		--		(75,005)		7,395
Lakeville	2,964,176		--				2,964,176
Lino Lakes	197,296		--				197,296
Litchfield	--		--				--
Little Canada	--		--				--
Little Falls	600,352		--		(59,850)		540,502
Mahtomedi	--		--				--
Mankato	435,259		82,695		(58,816)		459,138
Maple Grove	3,365,409		1,468,004				4,833,413
Maplewood	54,771		3,167,817				3,222,588
Marshall	14,443		--				14,443
Mendota Heights	46,169		1,795		(8,970)		38,994
Minneapolis	4,851,172		--				4,851,172
Minnetonka	2,094,013		--				2,094,013
Montevideo	17,121		13,949				31,070
Monticello	149,510		--				149,510
Moorhead	442,089		156,112		(37,805)		560,396
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	66,391		--				66,391
Northfield	--		--				--
Oak Grove	61,513		20,608				82,121
Oakdale	664,083		--				664,083

MUNICIPALITY	1989-2003 RIGHT-OF-WAY EXPENDITURES	+	2004 RIGHT-OF-WAY EXPENDITURES	-	1989 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2006 APPORTIONMENT
Orono	\$41,351		--				\$41,351
Otsego	185,776		--				185,776
Owatonna	3,766		\$115,937				119,703
Plymouth	202,411		--				202,411
Prior Lake	281,658		--		(\$209,125)		72,533
Ramsey	92,648		--		(1,175)		91,473
Red Wing	774,553		--				774,553
Redwood Falls	--		--				--
Richfield	4,491,839		--		(507,407)		3,984,432
Robbinsdale	--		--				--
Rochester	2,956,452		520,167		(553,230)		2,923,389
Rogers	--		--				--
Rosemount	289,450		--				289,450
Roseville	368,730		--				368,730
Saint Anthony	--		--				--
Saint Cloud	2,322,404		153,330				2,475,734
Saint Francis	--		--				--
Saint Joseph	--		--				--
Saint Louis Park	521,530		--		(4,800)		516,730
Saint Michael	86,132		--				86,132
Saint Paul	13,359,639		--				13,359,639
Saint Paul Park	--		19,599				19,599
Saint Peter	26,182		31,200				57,382
Sartell	193,878		--				193,878
Sauk Rapids	37,569		--				37,569
Savage	--		400,000				400,000
Shakopee	--		--				--
Shoreview	25,232		--				25,232
Shorewood	30,274		150,728				181,002
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	229,481		--				229,481
Waseca	--		--				--
West St. Paul	--		--				--
White Bear Lake	--		--				--
Willmar	297,616		--				297,616
Winona	8,000		--				8,000
Woodbury	7,811,015		--				7,811,015
Worthington	491		--				491
TOTAL	\$82,055,507		\$6,645,826		(\$2,760,183)		\$85,941,150

Individual Adjustments

Andover for non existing bridge generating Needs

Andover generated Needs on a non existing bridge on segment 198-135-005 for one year in 2004.

The city will receive a one time negative Needs adjustment in the amount of \$377,400 which is the amount of Needs the city incorrectly received.

Andover will receive a one time negative Needs adjustment of \$377,400

Individual Adjustments

Chanhassen for segment removed from Needs

Part of MSAS 101 Lake Lucy Rd. from Galpin Blvd. to Powers Blvd. (1.22 miles) has been removed from the Needs since at least 2001. There is no Commissioner's Order revoking it. An estimate of the Needs Chanhassen would have received for this is:

January	2004	\$660,223
	2003	780,501
	2002	800,921
	2001	Unknown

Chanhassen will receive a positive Needs adjustment of **\$2,241,645**

Individual Adjustments

Chanhassen for bridge less than 35 years generating Needs

Structure number 10509 on Auburn Rd. between future Lake Dr. and TH 5 was built in 1979 and has been incorrectly generating Needs since at least 2001.

The city inappropriately received the following Needs:

January	2005	\$708,624
	2004	670,320
	2003	651,168
	2002	790,704 (reduced width after this year)
	2001	Unknown

Chanhassen will receive a one time negative Needs adjustment of **\$2,820,816**.

Chanhassen will receive a total negative Needs adjustment of \$579,171

Individual Adjustments

Fridley for Screening Board approved Soil Factor revision

At its Fall 2004 meeting, the Municipal Screening Board removed \$1,602,781 in Needs generated on Soil Factor revisions in Fridley. They sent the issue of system wide SF revisions to the Needs Study Subcommittee to review. In April 2005, the NSS made a recommendation to the Screening Board on the procedures for approval of system wide SF revisions. They also recommended that the Fridley SF revisions be approved with a one time positive adjustment of \$1,602,781 to their Needs. At its Spring 2005 meeting, the Screening Board passed a motion approving the NSS's recommendations.

Fridley will receive a one time positive Needs adjustment of \$1,602,781

Individual Adjustments

Inver Grove Heights for segment not removed from Needs

Part of route number 178-102 on 75th St. E. from South Robert Tr. (TH3) to Babcock Tr. was revoked by Commissioner's Order #80416 in 1994. It should have been removed from the Needs starting with the January 1995 allocation. This segment was never removed from the Needs.

The city inappropriately received the following Needs:

January	2005	\$1,129,312		
	2004	1,093,680	1999	\$827,825
	2003	979,100	1998	798,743
	2002	942,256	1997	725,093
	2001	Unknown	1996	736,307
	2000	855,724	1995	721,022

Inver Grove Heights will receive a one time negative Needs adjustment of \$7,680,750

Individual Adjustments

North Mankato for segment not removed from Needs

Route number 150-106 on Sherman St. from South Ave. to Belgrade Ave. was revoked by Commissioner's Order #82701 in 1997. It should have been removed from the Needs starting with the January 1998 allocation. This segment was never removed from the Needs.

The city inappropriately received the following Needs:

January	2004	\$194,394	2000	\$145,063
	2003	188,727	1999	148,271
	2002	159,117	1998	143,011
	2001	Unknown		

North Mankato will receive a one time negative Needs adjustment of \$978,583.

Individual Adjustments

Richfield for 'After the Fact' Right of Way Adjustment

The After the Fact Right of Way adjustment for project 157-361-023 should have been implemented in 2003. It was included in 2003, but inadvertently dropped in 2004 and 2005. The right of way was purchased for \$736,240.

Richfield will receive a one time positive Needs adjustment of \$1,472,480

October 1, 1999

Revised October, 2001
December, 26 2001
December, 2002
September 4, 2003
August 27, 2004
September 2, 2005

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	2006 NEEDS ADJUSTMENT
Robbinsdale	158-416-010	0.74 miles	\$1,602,835
Total		0.74 miles	\$1,602,835

Robbinsdale's 2006 needs adjustment will be \$1,602,825.

TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE

The following tabulation shows the Trunk Highway Turnback Maintenance allowance for the 2006 Apportionment. All turnbacks eligible for maintenance payments are included in this tabulation as of December 31, 2004. 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 2004.

MSAS/Excel/2005/October 2005 Book/Turnback Maintenance Allowance 2006.xls

26-Sep-05

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 & 108-113-004	Yes	<u>1.45</u> 1.82	<u>1.45</u> 1.45	<u>0.00</u> 0.37	01-02	<u>0</u> \$2,664	\$2,664
Cambridge									
113 (TH 65)	11-1-94	218-113-02 218-113-004	Yes Yes	2.15	0.29 <u>0.36</u> 0.65		12-94		
						1.50		10,800	10,800
Chanhausen									
113 & 119 (TH101)	10-31-97	194-113-004 & 194-119-001	Yes	0.60	0.65	0.00	7-98	0	0
Duluth									
TH 23				14.61					
109(TH23)	12-15-95	118-109-015	Yes		0.26				
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				
149 (TH 23)	12-15-95	118-149-004	Yes		0.14				
173 (TH 23)	12-15-95	118-173-001	Yes		0.84				
194 (TH 23)	12-15-95	118-194-001	Yes		0.71	8.51	2-1-96	61,272	
TH 61				1.79					
193 (TH 61)	12-15-95	118-193-001	Yes		0.84				
195 (TH61)	12-15-95	118-195-001	Yes	<u>0.00</u>	<u>0.13</u>	<u>0.82</u>	2-1-96	<u>5,904</u>	
				16.40	7.07	9.33		67,176	67,176
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	<u>1.40</u>	<u>0.00</u>	<u>1.40</u>	11-94	<u>10,080</u>	
				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		<u>0.00</u>	0.92	12-02	6,624	6,624
TOTAL				29.09	12.14	17.00			\$122,400

October 19, 2005

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

Dear Commissioner Molnau:

We, the undersigned, as members of the 2005 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 2006 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

<hr/> Mike Metso Duluth Chair	<hr/> Stephen Gaetz St. Cloud Vice Chair	<hr/> Chuck Ahl Maplewood Secretary
<hr/> Tom Pagel Grand Rapids District 1	<hr/> Dave Kildahl Crookston, T R Falls District 2	<hr/> Bret Weiss Monticello District 3
<hr/> Jeff Kuhn Morris District 4	<hr/> Craig Gray Anoka Metro West	<hr/> Jeff Johnson Owatonna District 6
<hr/> Fred Salsbury Waseca District 7	<hr/> Dave Berryman Montevideo District 8	<hr/> Deb Bloom Roseville Metro East
<hr/> Mike Metso Duluth	<hr/> Klara Fabry Minneapolis	<hr/> Paul Kurtz Saint Paul

Attachment: Money Needs Listing

2005 ADJUSTED CONSTRUCTION NEEDS RECOMMENDATIONS

Based on the 2005 Needs Study of the 2004 construction needs for the January 2006 allocation

The Needs for Albertville and Minnetrista 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

26-Sep-05

Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction Needs
Albert Lea	\$25,914,294	Forest Lake	\$22,174,777
Albertville	3,247,748	Fridley	23,873,563
Alexandria	19,974,856	Glencoe	8,340,000
Andover	34,045,179	Golden Valley	18,695,878
Anoka	12,688,012	Grand Rapids	17,093,267
Apple Valley	33,513,000	Ham Lake	23,450,962
Arden Hills	6,810,042	Hastings	13,762,324
Austin	34,412,829	Hermantown	15,486,031
Baxter	7,125,596	Hibbing	45,581,981
Belle Plaine	6,820,381	Hopkins	9,892,129
Bemidji	11,745,334	Hugo	13,359,074
Big Lake	5,711,090	Hutchinson	15,981,501
Blaine	28,075,443	International Falls	8,023,708
Bloomington	101,264,582	Inver Grove Heights	32,154,810
Brainerd	8,948,867	Kasson	5,884,432
Brooklyn Center	19,009,195	La Crescent	7,400,756
Brooklyn Park	28,536,642	Lake City	6,084,983
Buffalo	16,305,212	Lake Elmo	6,875,030
Burnsville	49,922,835	Lakeville	61,229,115
Cambridge	7,193,813	Lino Lakes	17,339,350
Champlin	9,501,764	Litchfield	8,937,079
Chanhassen	7,063,624	Little Canada	12,052,074
Chaska	11,846,733	Little Falls	17,873,590
Chisholm	7,519,462	Mahtomedi	4,955,260
Cloquet	21,972,763	Mankato	31,815,722
Columbia Heights	16,215,752	Maple Grove	71,763,804
Coon Rapids	36,234,219	Maplewood	39,836,492
Corcoran	7,831,874	Marshall	14,604,192
Cottage Grove	32,504,761	Mendota Heights	11,777,346
Crookston	18,820,844	Minneapolis	318,567,813
Crystal	18,389,071	Minnetonka	49,378,385
Detroit Lakes	11,657,182	Minnetrista	4,639,640
Duluth	134,036,562	Montevideo	6,357,015
Eagan	32,090,645	Monticello	8,935,257
East Bethel	22,106,157	Moorhead	42,781,390
East Grand Forks	15,066,782	Morris	5,130,711
Eden Prairie	32,561,648	Mound	11,265,090
Edina	36,276,692	Mounds View	10,477,259
Elk River	27,157,611	New Brighton	11,088,759
Fairmont	26,658,150	New Hope	12,145,097
Falcon Heights	2,475,854	New Prague	4,064,274
Faribault	29,141,088	New Ulm	12,694,596
Farmington	16,692,486	North Branch	14,056,975
Fergus Falls	22,250,207	North Mankato	12,640,018

Adjusted Construction Needs		Adjusted Construction Needs	
Municipality		Municipality	
North St. Paul	\$12,309,149	St. Paul Park	\$6,047,317
Northfield	10,832,135	St. Peter	16,536,957
Oak Grove	21,070,297	Sartell	16,315,508
Oakdale	11,264,178	Sauk Rapids	14,886,332
Orono	11,233,069	Savage	18,888,375
Otsego	18,308,757	Shakopee	24,983,025
Owatonna	27,531,729	Shoreview	20,031,260
Plymouth	58,337,769	Shorewood	6,889,267
Prior Lake	19,863,696	South St. Paul	14,027,539
Ramsey	26,325,473	Spring Lake Park	3,052,088
Red Wing	29,266,612	Stewartville	4,183,535
Redwood Falls	8,729,999	Stillwater	8,311,298
Richfield	32,900,516	Thief River Falls	17,541,271
Robbinsdale	1,480,474	Vadnais Heights	7,026,424
Rochester	78,737,075	Victoria	6,364,866
Rogers	3,844,623	Virginia	15,309,488
Rosemount	24,310,107	Waconia	5,731,009
Roseville	23,292,518	Waite Park	4,379,278
St. Anthony	7,361,991	Waseca	7,588,132
St. Cloud	53,136,049	West St. Paul	6,779,330
Saint Francis	13,347,580	White Bear Lake	16,019,578
St. Joseph	3,701,165	Willmar	17,850,161
St. Louis Park	33,569,461	Winona	13,460,315
St. Michael	19,270,840	Woodbury	64,515,186
St. Paul	255,976,821	Worthington	7,901,168
		STATE TOTAL	\$3,318,479,179

THEORETICAL 2006 M.S.A.S. TOTAL APPORTIONMENT

The following tabulation shows each municipality's tentative construction (money) needs and population apportionment amounts for 2006. The tentative apportionment shown in this summary is for informational purposes only. The actual revenue will be announced in January 2006, when the Commissioner of Transportation determines the annual allotments.

Theoretical 2006 APPT.xls

26-Sep-05

Municipality	Tentative 2006 Population Apport. using the 2000 Census or the 2004 Estimate	Tentative Construction Needs Apportionment	Theoretical 2006 Total Apportionment	Distribution Percentage
Albert Lea	\$293,800	\$435,664	\$729,464	0.6523
Albertville	85,872	54,600	140,472	0.1256
Alexandria	166,704	335,812	502,516	0.4494
Andover	468,103	572,358	1,040,461	0.9304
Anoka	290,345	213,307	503,652	0.4504
Apple Valley	781,852	563,411	1,345,263	1.2030
Arden Hills	154,403	114,489	268,892	0.2405
Austin	379,912	578,539	958,451	0.8571
Baxter	110,171	119,794	229,965	0.2056
Belle Plaine	84,784	114,662	199,446	0.1784
Bemidji	207,353	197,459	404,812	0.3620
Big Lake	132,823	96,013	228,836	0.2046
Blaine	815,878	471,997	1,287,875	1.1517
Bloomington	1,366,813	1,702,433	3,069,246	2.7447
Brainerd	220,726	153,110	373,836	0.3343
Brooklyn Center	466,664	319,577	786,241	0.7031
Brooklyn Park	1,103,663	479,750	1,583,413	1.4160
Buffalo	203,721	274,119	477,840	0.4273
Burnsville	982,614	839,289	1,821,903	1.6293
Cambridge	106,252	131,740	237,992	0.2128
Champlin	378,472	159,741	538,213	0.4813
Chanhassen	352,605	118,752	471,357	0.4215
Chaska	343,583	199,164	542,747	0.4854
Chisholm	79,985	126,415	206,400	0.1846
Cloquet	184,733	369,400	554,133	0.4955
Columbia Heights	297,544	272,615	570,159	0.5099
Coon Rapids	995,700	609,160	1,604,860	1.4352
Corcoran	93,982	131,667	225,649	0.2018
Cottage Grove	508,288	546,461	1,054,749	0.9432
Crookston	131,047	316,411	447,458	0.4001
Crystal	365,227	309,152	674,379	0.6031
Detroit Lakes	126,840	195,977	322,817	0.2887
Duluth	1,380,843	2,320,562	3,701,405	3.3100
Eagan	1,052,025	539,499	1,591,524	1.4232
East Bethel	182,445	371,643	554,088	0.4955
East Grand Forks	124,280	253,299	377,579	0.3377
Eden Prairie	967,177	547,418	1,514,595	1.3545
Edina	768,655	609,874	1,378,529	1.2328
Elk River	323,779	456,566	780,345	0.6978
Fairmont	174,191	448,170	622,361	0.5566
Falcon Heights	89,135	41,623	130,758	0.1169
Faribault	355,421	489,912	845,333	0.7560

Municipality	Tentative 2006 Population Apport. using the 2000 Census or the 2004 Estimate	Tentative Construction Needs Apportionment	Theoretical 2006 Total Apportionment	Distribution Percentage
Farmington	\$268,349	\$280,630	\$548,979	0.4909
Fergus Falls	220,438	402,216	622,654	0.5568
Forest Lake	268,749	372,796	641,545	0.5737
Fridley	439,101	401,356	840,457	0.7516
Glencoe	90,671	140,210	230,881	0.2065
Golden Valley	330,721	314,310	645,031	0.5768
Grand Rapids	135,622	287,367	422,989	0.3783
Ham Lake	232,084	394,251	626,335	0.5601
Hastings	328,674	231,368	560,042	0.5008
Hermantown	137,558	260,347	397,905	0.3558
Hibbing	273,084	766,312	1,039,396	0.9295
Hopkins	282,747	166,304	449,051	0.4016
Hugo	140,133	224,589	364,722	0.3262
Hutchinson	217,815	268,677	486,492	0.4351
International Falls	107,292	134,892	242,184	0.2166
Inver Grove Heights	514,991	540,578	1,055,569	0.9440
Kasson	83,664	98,927	182,591	0.1633
La Crescent	81,809	124,420	206,229	0.1844
Lake City	84,528	102,299	186,827	0.1671
Lake Elmo	124,616	115,581	240,197	0.2148
Lakeville	785,403	1,029,367	1,814,770	1.6229
Lino Lakes	299,543	293,520	593,063	0.5304
Litchfield	108,795	150,248	259,043	0.2317
Little Canada	158,210	202,616	360,826	0.3227
Little Falls	132,839	300,486	433,325	0.3875
Mahtomedi	129,655	83,306	212,961	0.1904
Mankato	553,447	534,877	1,088,324	0.9733
Maple Grove	907,892	1,206,474	2,114,366	1.8908
Maplewood	574,163	669,720	1,243,883	1.1124
Marshall	205,945	245,522	451,467	0.4037
Mendota Heights	187,485	197,998	385,483	0.3447
Minneapolis	6,120,730	5,355,676	11,476,406	10.2630
Minnetonka	823,524	830,136	1,653,660	1.4788
Minnetrista	83,984	78,000	161,984	0.1449
Montevideo	87,120	106,872	193,992	0.1735
Monticello	163,345	150,217	313,562	0.2804
Moorhead	535,659	719,229	1,254,888	1.1222
Morris	82,752	86,256	169,008	0.1511
Mound	155,811	189,386	345,197	0.3087
Mounds View	205,801	176,141	381,942	0.3416
New Brighton	357,260	186,421	543,681	0.4862
New Hope	333,905	204,180	538,085	0.4812
New Prague	96,718	68,327	165,045	0.1476
New Ulm	222,934	213,418	436,352	0.3902
North Branch	159,618	236,322	395,940	0.3541
North Mankato	199,786	212,501	412,287	0.3687
North St. Paul	196,331	206,938	403,269	0.3606
Northfield	297,288	182,107	479,395	0.4287
Oak Grove	119,257	354,228	473,485	0.4234
Oakdale	442,428	189,370	631,798	0.5650
Orono	123,625	188,847	312,472	0.2794
Otsego	158,258	307,802	466,060	0.4168

Municipality	Tentative 2006 Population Apport. using the 2000 Census or the 2004 Estimate	Tentative Construction Needs Apportionment	Theoretical 2006 Total Apportionment	Distribution Percentage
Owatonna	\$381,416	\$462,856	\$844,272	0.7550
Plymouth	1,130,698	980,759	2,111,457	1.8882
Prior Lake	338,432	333,943	672,375	0.6013
Ramsey	320,579	442,577	763,156	0.6825
Red Wing	260,335	492,022	752,357	0.6728
Redwood Falls	87,327	146,766	234,093	0.2093
Richfield	551,832	553,115	1,104,947	0.9881
Robbinsdale	225,925	24,889	250,814	0.2243
Rochester	1,516,833	1,323,706	2,840,539	2.5402
Rogers	92,143	64,635	156,778	0.1402
Rosemount	283,786	408,695	692,481	0.6193
Roseville	545,177	391,588	936,765	0.8377
St. Anthony	129,607	123,768	253,375	0.2266
St. Cloud	1,020,431	898,277	1,918,708	1.7158
St. Francis	103,980	224,396	328,376	0.2937
St. Joseph	86,992	62,223	149,215	0.1334
St. Louis Park	712,041	564,361	1,276,402	1.1414
St. Michael	212,632	323,976	536,608	0.4799
St. Paul	4,597,690	4,303,413	8,901,103	7.9600
St. Paul Park	81,105	101,666	182,771	0.1634
St. Peter	166,385	278,015	444,400	0.3974
Sartell	202,026	274,292	476,318	0.4260
Sauk Rapids	195,419	250,265	445,684	0.3986
Savage	384,215	317,546	701,761	0.6276
Shakopee	462,520	426,632	889,152	0.7951
Shoreview	422,016	336,760	758,776	0.6785
Shorewood	121,977	115,821	237,798	0.2127
South St. Paul	323,923	235,827	559,750	0.5006
Spring Lake Park	108,859	51,311	160,170	0.1432
Stewartville	91,231	70,332	161,563	0.1445
Stillwater	275,388	139,727	415,115	0.3712
Thief River Falls	135,030	294,899	429,929	0.3845
Vadnais Heights	212,280	118,126	330,406	0.2955
Victoria	87,663	107,004	194,667	0.1741
Virginia	146,484	257,379	403,863	0.3612
Waconia	137,926	96,349	234,275	0.2095
Waite Park	108,092	73,624	181,716	0.1625
Waseca	155,027	127,571	282,598	0.2527
West St. Paul	311,637	113,973	425,610	0.3806
White Bear Lake	398,677	269,318	667,995	0.5974
Willmar	298,488	300,093	598,581	0.5353
Winona	435,454	226,292	661,746	0.5918
Woodbury	800,650	1,084,613	1,885,263	1.6859
Worthington	180,879	132,833	313,712	0.2805
TOTAL	\$55,911,774	\$55,911,775	\$111,823,549	100.0000

COMPARISON OF THE 2005 TO 2006 ESTIMATED APPORTIONMENT

N:\MSAS\Excel\OCTOBER 2005 Book\Comparison to the 2005 to 2006 Estimated Apportionment

9/26/2005

Municipality	2005 Total Apportionment	2006 Estimated Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	\$616,740	\$729,464	\$112,724	18.2774
Albertville	0	140,472	140,472	100.0000
Alexandria	482,521	502,516	19,995	4.1439
Andover	960,207	1,040,461	80,254	8.3580
Anoka	498,849	503,652	4,803	0.9628
Apple Valley	1,351,426	1,345,263	(6,163)	(0.4560)
Arden Hills	278,672	268,892	(9,780)	(3.5095)
Austin	946,300	958,451	12,151	1.2841
Baxter	273,492	229,965	(43,527)	(15.9153)
Belle Plaine	202,395	199,446	(2,949)	(1.4571)
Bemidji	407,847	404,812	(3,035)	(0.7442)
Big Lake	219,683	228,836	9,153	4.1665
Blaine	1,313,590	1,287,875	(25,715)	(1.9576)
Bloomington	3,175,544	3,069,246	(106,298)	(3.3474)
Brainerd	432,840	373,836	(59,004)	(13.6318)
Brooklyn Center	802,832	786,241	(16,591)	(2.0666)
Brooklyn Park	1,607,557	1,583,413	(24,144)	(1.5019)
Buffalo	465,015	477,840	12,825	2.7580
Burnsville	1,809,254	1,821,903	12,649	0.6991
Cambridge	247,391	237,992	(9,399)	(3.7992)
Champlin	534,858	538,213	3,355	0.6273
Chanhassen	447,757	471,357	23,600	5.2707
Chaska	541,669	542,747	1,078	0.1990
Chisholm	197,182	206,400	9,218	4.6749
Cloquet	492,035	554,133	62,098	12.6206
Columbia Heights	554,018	570,159	16,141	2.9134
Coon Rapids	1,631,061	1,604,860	(26,201)	(1.6064)
Corcoran	220,417	225,649	5,232	2.3737
Cottage Grove	1,077,712	1,054,749	(22,963)	(2.1307)
Crookston	464,411	447,458	(16,953)	(3.6504)
Crystal	651,030	674,379	23,349	3.5865
Detroit Lakes	305,452	322,817	17,365	5.6850
Duluth	3,668,715	3,701,405	32,690	0.8910
Eagan	1,582,865	1,591,524	8,659	0.5470
East Bethel	533,194	554,088	20,894	3.9186
East Grand Forks	386,928	377,579	(9,349)	(2.4162)
Eden Prairie	1,718,632	1,514,595	(204,037)	(11.8721)
Edina	1,422,394	1,378,529	(43,865)	(3.0839)
Elk River	759,896	780,345	20,449	2.6910
Fairmont	627,124	622,361	(4,763)	(0.7595)
Falcon Heights	134,678	130,758	(3,920)	(2.9106)
Faribault	819,070	845,333	26,263	3.2064
Farmington	501,573	548,979	47,406	9.4515
Fergus Falls	644,691	622,654	(22,037)	(3.4182)
Forest Lake	641,946	641,545	(401)	(0.0625)
Fridley	785,073	840,457	55,384	7.0546
Glencoe	236,313	230,881	(5,432)	(2.2986)
Golden Valley	681,416	645,031	(36,385)	(5.3396)
Grand Rapids	388,054	422,989	34,935	9.0026

Municipality	2005 Total Apportionment	2006 Estimated Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Ham Lake	\$610,119	\$626,335	\$16,216	2.6578
Hastings	540,359	560,042	19,683	3.6426
Hermantown	360,163	397,905	37,742	10.4791
Hibbing	1,036,996	1,039,396	2,400	0.2314
Hopkins	460,464	449,051	(11,413)	(2.4786)
Hugo	318,303	364,722	46,419	14.5833
Hutchinson	486,647	486,492	(155)	(0.0319)
International Falls	238,195	242,184	3,989	1.6747
Inver Grove Heights	889,866	1,055,569	165,703	18.6211
Kasson	187,032	182,591	(4,441)	(2.3745)
La Crescent	214,404	206,229	(8,175)	(3.8129)
Lake City	198,434	186,827	(11,607)	(5.8493)
Lake Elmo	241,762	240,197	(1,565)	(0.6473)
Lakeville	1,854,961	1,814,770	(40,191)	(2.1667)
Lino Lakes	636,028	593,063	(42,965)	(6.7552)
Litchfield	267,699	259,043	(8,656)	(3.2335)
Little Canada	351,933	360,826	8,893	2.5269
Little Falls	430,462	433,325	2,863	0.6651
Mahtomedi	223,211	212,961	(10,250)	(4.5921)
Mankato	1,101,435	1,088,324	(13,111)	(1.1904)
Maple Grove	2,140,502	2,114,366	(26,136)	(1.2210)
Maplewood	1,219,063	1,243,883	24,820	2.0360
Marshall	540,378	451,467	(88,911)	(16.4535)
Mendota Heights	347,306	385,483	38,177	10.9923
Minneapolis	11,823,377	11,476,406	(346,971)	(2.9346)
Minnnetonka	1,620,029	1,653,660	33,631	2.0760
Minnetrissa	0	161,984	161,984	100.0000
Montevideo	205,751	193,992	(11,759)	(5.7152)
Monticello	269,381	313,562	44,181	16.4009
Moorhead	1,141,967	1,254,888	112,921	9.8883
Morris	172,009	169,008	(3,001)	(1.7447)
Mound	347,476	345,197	(2,279)	(0.6559)
Mounds View	373,000	381,942	8,942	2.3973
New Brighton	548,625	543,681	(4,944)	(0.9012)
New Hope	579,775	538,085	(41,690)	(7.1907)
New Prague	159,621	165,045	5,424	3.3980
New Ulm	498,730	436,352	(62,378)	(12.5074)
North Branch	421,413	395,940	(25,473)	(6.0447)
North Mankato	451,048	412,287	(38,761)	(8.5935)
North St. Paul	403,050	403,269	219	0.0543
Northfield	478,853	479,395	542	0.1132
Oak Grove	481,173	473,485	(7,688)	(1.5978)
Oakdale	657,835	631,798	(26,037)	(3.9580)
Orono	341,095	312,472	(28,623)	(8.3915)
Otsego	398,051	466,060	68,009	17.0855
Owatonna	721,019	844,272	123,253	17.0943
Plymouth	2,094,957	2,111,457	16,500	0.7876
Prior Lake	628,885	672,375	43,490	6.9154
Ramsey	774,567	763,156	(11,411)	(1.4732)
Red Wing	729,228	752,357	23,129	3.1717
Redwood Falls	240,153	234,093	(6,060)	(2.5234)
Richfield	1,062,524	1,104,947	42,423	3.9927
Robbinsdale	298,461	250,814	(47,647)	(15.9642)
Rochester	2,741,153	2,840,539	99,386	3.6257

Municipality	2005 Total Apportionment	2006 Estimated Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Rogers	\$169,637	\$156,778	(\$12,859)	(7.5803)
Rosemount	632,121	692,481	60,360	9.5488
Roseville	957,189	936,765	(20,424)	(2.1337)
St. Anthony	257,628	253,375	(4,253)	(1.6508)
St. Cloud	1,984,672	1,918,708	(65,964)	(3.3237)
St. Francis	319,612	328,376	8,764	2.7421
St. Joseph	146,158	149,215	3,057	2.0916
St. Louis Park	1,282,917	1,276,402	(6,515)	(0.5078)
St. Michael	518,506	536,608	18,102	3.4912
St. Paul	9,107,386	8,901,103	(206,283)	(2.2650)
St. Paul Park	170,569	182,771	12,202	7.1537
St. Peter	427,631	444,400	16,769	3.9214
Sartell	461,265	476,318	15,053	3.2634
Sauk Rapids	449,743	445,684	(4,059)	(0.9025)
Savage	718,897	701,761	(17,136)	(2.3837)
Shakopee	859,063	889,152	30,089	3.5025
Shoreview	635,032	758,776	123,744	19.4863
Shorewood	238,778	237,798	(980)	(0.4104)
South St. Paul	554,194	559,750	5,556	1.0025
Spring Lake Park	153,343	160,170	6,827	4.4521
Stewartville	166,329	161,563	(4,766)	(2.8654)
Stillwater	463,227	415,115	(48,112)	(10.3863)
Thief River Falls	472,422	429,929	(42,493)	(8.9947)
Vadnais Heights	321,127	330,406	9,279	2.8895
Victoria	194,046	194,667	621	0.3200
Virginia	419,236	403,863	(15,373)	(3.6669)
Waconia	206,127	234,275	28,148	13.6557
Waite Park	176,978	181,716	4,738	2.6772
Waseca	260,610	282,598	21,988	8.4371
West St. Paul	464,784	425,610	(39,174)	(8.4284)
White Bear Lake	665,662	667,995	2,333	0.3505
Willmar	653,127	598,581	(54,546)	(8.3515)
Winona	728,859	661,746	(67,113)	(9.2080)
Woodbury	1,966,497	1,885,263	(81,234)	(4.1309)
Worthington	318,930	313,712	(5,218)	(1.6361)
TOTAL	\$111,823,549	\$111,823,549	\$0	0.0000

69 Cities Increased Their Estimated Total Apportionment

69 Cities Decreased Their Estimated Total Apportionment

TENTATIVE 2006 APPORTIONMENT RANKINGS

Rankings are from highest apportionment per Needs mile to lowest. Bridges in some cities increases the costs.
 Albertville and Minnetrista mileages are not certified

MSAS/Excel/October 2005 Book/Tentative 2006 Apportionment Rankings

2006			2006			2006		
Tentative Population			Tentative Money Needs			Tentative Total		
Apportionment			Apportionment			Apportionment		
Per Need Mile			Per Need Mile			Per Need Mile		
Municipality	2005 Total Needs Mileage	2006 Tentative Population Apportionment Per Need Mile	Municipality	2005 Total Needs Mileage	2006 Tentative Money Needs Apportionment Per Need Mile	Municipality	2005 Total Needs Mileage	2006 Tentative Total Apportionment Per Need Mile
Hopkins	9.34	\$30,273	Crookston	11.65	\$27,160	Minneapolis	207.97	\$55,183
Minneapolis	207.97	29,431	St. Paul	164.81	26,111	St. Paul	164.81	54,008
St. Paul	164.81	27,897	Minneapolis	207.97	25,752	Hopkins	9.34	48,078
Falcon Heights	3.29	27,093	Maple Grove	51.26	23,536	Columbia Heights	12.61	45,215
New Hope	12.70	26,292	Mound	8.17	23,181	St. Anthony	5.63	45,004
Vadnais Heights	8.45	25,122	Bloomington	75.18	22,645	Richfield	25.09	44,039
New Brighton	14.92	23,945	Fairmont	19.97	22,442	New Hope	12.70	42,369
Coon Rapids	41.85	23,792	La Crescent	5.64	22,060	Mound	8.17	42,252
Columbia Heights	12.61	23,596	Richfield	25.09	22,045	Waseca	6.71	42,116
Waseca	6.71	23,104	St. Anthony	5.63	21,984	Maple Grove	51.26	41,248
St. Anthony	5.63	23,021	Columbia Heights	12.61	21,619	St. Louis Park	31.09	41,055
West St. Paul	13.54	23,016	Woodbury	51.07	21,238	Bloomington	75.18	40,825
Anoka	12.64	22,970	Sauk Rapids	11.87	21,084	Burnsville	44.76	40,704
St. Louis Park	31.09	22,903	Faribault	23.60	20,759	Stewartville	3.99	40,492
Stewartville	3.99	22,865	St. Paul Park	4.92	20,664	Anoka	12.64	39,846
Oakdale	19.40	22,806	Red Wing	24.06	20,450	Falcon Heights	3.29	39,744
Robbinsdale	10.11	22,347	St. Francis	11.02	20,363	Farmington	13.85	39,637
Eagan	47.12	22,327	Duluth	114.50	20,267	Vadnais Heights	8.45	39,101
Richfield	25.09	21,994	Grand Rapids	14.18	20,266	Rochester	72.91	38,960
Burnsville	44.76	21,953	Farmington	13.85	20,262	Shoreview	19.52	38,872
Apple Valley	35.67	21,919	Austin	28.62	20,215	Crookston	11.65	38,408
Brooklyn Park	50.39	21,902	Albert Lea	21.74	20,040	Coon Rapids	41.85	38,348
Brooklyn Center	21.40	21,807	Maplewood	33.60	19,932	Plymouth	55.57	37,996
Northfield	13.74	21,637	Thief River Falls	15.23	19,363	Crystal	17.88	37,717
Shoreview	19.52	21,620	Kasson	5.12	19,322	Apple Valley	35.67	37,714
Eden Prairie	45.41	21,299	Little Canada	10.54	19,224	Sauk Rapids	11.87	37,547
Chaska	16.22	21,183	Alexandria	17.58	19,102	St. Paul Park	4.92	37,149
Rochester	72.91	20,804	Waseca	6.71	19,012	Maplewood	33.60	37,020
Arden Hills	7.55	20,451	Moorhead	38.06	18,897	Woodbury	51.07	36,915
Crystal	17.88	20,427	Burnsville	44.76	18,751	Fridley	22.87	36,749
Plymouth	55.57	20,347	Hermantown	14.08	18,491	Brooklyn Center	21.40	36,740
Blaine	40.52	20,135	Owatonna	25.24	18,338	La Crescent	5.64	36,565
White Bear Lake	20.35	19,591	St. Peter	15.26	18,219	New Brighton	14.92	36,440
Winona	22.29	19,536	Inver Grove Heights	29.68	18,214	Faribault	23.60	35,819

	2005 Total Needs Mileage	2006 Tentative Population Apportionment Per Need Mile
Farmington	13.85	\$19,375
South St. Paul	16.82	19,258
Fridley	22.87	19,200
Champlin	19.81	19,105
Edina	40.27	19,088
Mound	8.17	19,071
Roseville	29.12	18,722
Spring Lake Park	5.82	18,704
Waconia	7.41	18,613
New Prague	5.31	18,214
St. Joseph	4.78	18,199
Bloomington	75.18	18,181
Maple Grove	51.26	17,712
Stillwater	15.59	17,664
Waite Park	6.12	17,662
Inver Grove Heights	29.68	17,351
North St. Paul	11.40	17,222
Maplewood	33.60	17,088
Prior Lake	19.87	17,032
St. Cloud	60.01	17,004
Chanhausen	20.78	16,968
Mankato	33.30	16,620
Mounds View	12.43	16,557
Minnetonka	49.89	16,507
St. Paul Park	4.92	16,485
Sauk Rapids	11.87	16,463
Kasson	5.12	16,341
Worthington	11.39	15,881
Monticello	10.37	15,752
Woodbury	51.07	15,678
Hastings	21.43	15,337
Big Lake	8.71	15,249
Cottage Grove	33.39	15,223
Owatonna	25.24	15,112
Faribault	23.60	15,060
Mahtomedi	8.62	15,041
Little Canada	10.54	15,010
Shorewood	8.26	14,767

	2005 Total Needs Mileage	2006 Tentative Money Needs Apportionment Per Need Mile
Rochester	72.91	\$18,155
St. Louis Park	31.09	18,152
North St. Paul	11.40	18,152
Lakeville	57.12	18,021
Little Falls	16.73	17,961
Redwood Falls	8.20	17,898
Hopkins	9.34	17,806
Glencoe	7.88	17,793
Plymouth	55.57	17,649
Stewartville	3.99	17,627
Fridley	22.87	17,549
Crystal	17.88	17,290
Shoreview	19.52	17,252
Litchfield	8.77	17,132
Cloquet	21.67	17,047
Sartell	16.14	16,995
Anoka	12.64	16,876
Prior Lake	19.87	16,806
International Falls	8.06	16,736
Minnetonka	49.89	16,639
Victoria	6.44	16,616
Buffalo	16.53	16,583
Cottage Grove	33.39	16,366
East Grand Forks	15.51	16,331
Fergus Falls	24.67	16,304
Forest Lake	23.05	16,173
Virginia	15.93	16,157
New Hope	12.70	16,077
Mankato	33.30	16,062
Chisholm	7.99	15,822
Apple Valley	35.67	15,795
St. Michael	20.63	15,704
Marshall	15.64	15,698
North Mankato	13.72	15,488
Otsego	19.99	15,398
Oak Grove	23.24	15,242
Orono	12.43	15,193
Arden Hills	7.55	15,164

	2005 Total Needs Mileage	2006 Tentative Total Apportionment Per Need Mile
Kasson	5.12	\$35,662
Arden Hills	7.55	35,615
Inver Grove Heights	29.68	35,565
North St. Paul	11.40	35,374
Northfield	13.74	34,890
Little Canada	10.54	34,234
Edina	40.27	34,232
Prior Lake	19.87	33,839
Eagan	47.12	33,776
Albert Lea	21.74	33,554
Austin	28.62	33,489
Chaska	16.22	33,462
Owatonna	25.24	33,450
Eden Prairie	45.41	33,354
South St. Paul	16.82	33,279
Minnetonka	49.89	33,146
Moorhead	38.06	32,971
White Bear Lake	20.35	32,825
Mankato	33.30	32,682
Oakdale	19.40	32,567
Duluth	114.50	32,327
Roseville	29.12	32,169
St. Cloud	60.01	31,973
Blaine	40.52	31,784
Lakeville	57.12	31,771
Waconia	7.41	31,616
Cottage Grove	33.39	31,589
West St. Paul	13.54	31,434
Brooklyn Park	50.39	31,423
Red Wing	24.06	31,270
St. Joseph	4.78	31,217
Fairmont	19.97	31,165
New Prague	5.31	31,082
Mounds View	12.43	30,727
Monticello	10.37	30,237
Victoria	6.44	30,228
North Mankato	13.72	30,050
International Falls	8.06	30,048

	2005 Total Needs Mileage	2006 Tentative Population Apportionment Per Need Mile
Municipality		
Savage	26.04	\$14,755
Shakopee	31.72	14,581
North Mankato	13.72	14,562
La Crescent	5.64	14,505
Lino Lakes	20.76	14,429
Moorhead	38.06	14,074
Golden Valley	23.57	14,031
New Ulm	16.11	13,838
Lakeville	57.12	13,750
Brainerd	16.12	13,693
Victoria	6.44	13,612
Albert Lea	21.74	13,514
International Falls	8.06	13,312
Austin	28.62	13,274
Marshall	15.64	13,168
Mendota Heights	14.39	13,029
Sartell	16.14	12,517
Willmar	23.91	12,484
Bemidji	16.66	12,446
Litchfield	8.77	12,405
Buffalo	16.53	12,324
Albertville	7.00	12,267
Lake City	6.91	12,233
Andover	38.29	12,225
Duluth	114.50	12,060
Rogers	7.66	12,029
Hutchinson	18.11	12,027
Forest Lake	23.05	11,659
Glencoe	7.88	11,506
Crookston	11.65	11,249
Belle Plaine	7.60	11,156
St. Peter	15.26	10,903
Red Wing	24.06	10,820
Redwood Falls	8.20	10,650
Rosemount	27.26	10,410
St. Michael	20.63	10,307
Morris	8.11	10,204
Montevideo	8.55	10,189
Chisholm	7.99	10,011

	2005 Total Needs Mileage	2006 Tentative Money Needs Apportionment Per Need Mile
Municipality		
Edina	40.27	\$15,145
Belle Plaine	7.60	15,087
Rosemount	27.26	14,992
St. Cloud	60.01	14,969
Hibbing	51.22	14,961
Andover	38.29	14,948
Brooklyn Center	21.40	14,934
Hutchinson	18.11	14,836
Lake City	6.91	14,804
Coon Rapids	41.85	14,556
Monticello	10.37	14,486
Mounds View	12.43	14,171
Lino Lakes	20.76	14,139
Shorewood	8.26	14,022
South St. Paul	16.82	14,021
Vadnais Heights	8.45	13,979
Elk River	32.80	13,920
Mendota Heights	14.39	13,759
Ramsey	32.27	13,715
Shakopee	31.72	13,450
Roseville	29.12	13,447
Golden Valley	23.57	13,335
Northfield	13.74	13,254
New Ulm	16.11	13,248
White Bear Lake	20.35	13,234
East Bethel	28.37	13,100
St. Joseph	4.78	13,017
Waconia	7.41	13,003
Detroit Lakes	15.11	12,970
Ham Lake	30.49	12,931
New Prague	5.31	12,868
Falcon Heights	3.29	12,651
Willmar	23.91	12,551
Montevideo	8.55	12,500
New Brighton	14.92	12,495
Chaska	16.22	12,279
Savage	26.04	12,195
Eden Prairie	45.41	12,055
Waite Park	6.12	12,030

	2005 Total Needs Mileage	2006 Tentative Total Apportionment Per Need Mile
Municipality		
Grand Rapids	14.18	\$29,830
St. Francis	11.02	29,798
Waite Park	6.12	29,692
Winona	22.29	29,688
Litchfield	8.77	29,537
Sartell	16.14	29,512
Glencoe	7.88	29,300
St. Peter	15.26	29,122
Buffalo	16.53	28,907
Marshall	15.64	28,866
Shorewood	8.26	28,789
Alexandria	17.58	28,585
Lino Lakes	20.76	28,568
Redwood Falls	8.20	28,548
Hermantown	14.08	28,260
Thief River Falls	15.23	28,229
Shakopee	31.72	28,031
Forest Lake	23.05	27,833
Worthington	11.39	27,543
Spring Lake Park	5.82	27,521
Golden Valley	23.57	27,367
Andover	38.29	27,173
Champlin	19.81	27,169
New Ulm	16.11	27,086
Lake City	6.91	27,037
Savage	26.04	26,949
Hutchinson	18.11	26,863
Mendota Heights	14.39	26,788
Stillwater	15.59	26,627
Big Lake	8.71	26,273
Belle Plaine	7.60	26,243
Hastings	21.43	26,134
St. Michael	20.63	26,011
Little Falls	16.73	25,901
Chisholm	7.99	25,832
Cloquet	21.67	25,571
Rosemount	27.26	25,403
Virginia	15.93	25,352
Fergus Falls	24.67	25,239

Municipality	2005	2006
	Total Needs Mileage	Tentative Population Apportionment Per Need Mile
Lake Elmo	12.47	\$9,993
Orono	12.43	9,946
Ramsey	32.27	9,934
Elk River	32.80	9,871
Hermantown	14.08	9,770
Grand Rapids	14.18	9,564
Alexandria	17.58	9,483
St. Francis	11.02	9,436
Virginia	15.93	9,195
Fergus Falls	24.67	8,935
Thief River Falls	15.23	8,866
Fairmont	19.97	8,723
Cloquet	21.67	8,525
Minnetrista	10.00	8,398
Detroit Lakes	15.11	8,394
Cambridge	13.08	8,123
East Grand Forks	15.51	8,013
Little Falls	16.73	7,940
Otsego	19.99	7,917
Baxter	13.94	7,903
Ham Lake	30.49	7,612
Hugo	19.15	7,318
North Branch	22.53	7,085
East Bethel	28.37	6,431
Corcoran	14.80	6,350
Hibbing	51.22	5,332
Oak Grove	23.24	5,132
Average		\$15,495

Municipality	2005	2006
	Total Needs Mileage	Tentative Money Needs Apportionment Per Need Mile
Bemidji	16.66	\$11,852
Hugo	19.15	11,728
Worthington	11.39	11,662
Blaine	40.52	11,648
Eagan	47.12	11,449
Big Lake	8.71	11,023
Hastings	21.43	10,796
Morris	8.11	10,636
North Branch	22.53	10,489
Winona	22.29	10,152
Cambridge	13.08	10,072
Oakdale	19.40	9,761
Mahtomedi	8.62	9,664
Brooklyn Park	50.39	9,521
Brainerd	16.12	9,498
Lake Elmo	12.47	9,269
Stillwater	15.59	8,963
Corcoran	14.80	8,896
Spring Lake Park	5.82	8,816
Baxter	13.94	8,594
Rogers	7.66	8,438
West St. Paul	13.54	8,418
Champlin	19.81	8,064
Albertville	7.00	7,800
Minnetrista	10.00	7,800
Chanhassen	20.78	5,715
Robbinsdale	10.11	2,462
Average		\$15,449

Municipality	2005	2006
	Total Needs Mileage	Tentative Total Apportionment Per Need Mile
Orono	12.43	\$25,139
Willmar	23.91	25,035
Robbinsdale	10.11	24,809
Mahtomedi	8.62	24,705
East Grand Forks	15.51	24,344
Bemidji	16.66	24,298
Elk River	32.80	23,791
Ramsey	32.27	23,649
Otsego	19.99	23,315
Brainerd	16.12	23,191
Montevideo	8.55	22,689
Chanhassen	20.78	22,683
Detroit Lakes	15.11	21,364
Morris	8.11	20,839
Ham Lake	30.49	20,542
Rogers	7.66	20,467
Oak Grove	23.24	20,374
Hibbing	51.22	20,293
Albertville	7.00	20,067
East Bethel	28.37	19,531
Lake Elmo	12.47	19,262
Hugo	19.15	19,046
Cambridge	13.08	18,195
North Branch	22.53	17,574
Baxter	13.94	16,497
Minnetrista	10.00	16,198
Corcoran	14.80	15,247
Average		\$30,944

OTHER



TOPICS

[illegible]

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 8, 2005

Prepared for the October 2005 booklet
Construction Account Balances as of September 8, 2005

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

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	Fridley	Columbia Heights	Falcon Heights	South St. Paul
Local Amount Remaining from Previous Years (based on population)	\$334,396	(\$105,148)	\$19,236	\$223,925
Maximum Local Amount Available after January 2005 Allocation	\$669,075	\$122,574	\$78,123	\$471,206
Amount Paid on Local Projects as of September 8, 2005	\$330,000	\$285,000	\$0	\$443,424
Amount Paid on Other Projects as of September 8, 2005	\$131,520	\$142,758	\$0	\$40,147
Construction Account Balance as of September 8, 2005	\$565,327	\$0	\$264,917	\$546,974
Maximum Local Amount Available as of September 8, 2005	\$339,075	(\$162,426)	\$78,123	\$27,782

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 2005

As of September 19,2005

Fund 250	
Maximum Allowable to Advance	\$27,911,695.15
Less Actual Advances	25,346,345.06
Less Outstanding Reserve Amount	2,565,350.09
Remaining Available to Advance	\$0.00

The following listings for "Request Made by Resolution" included multiple year repayments and outstanding previous year advances.

CITY NAME	REQUEST MADE BY RESOLUTION	AMOUNT ACTUALLY ADVANCED
Apple Valley	\$1,960,000.00	\$1,676,059.55
Brooklyn Park	420,864.07	420,864.07
Eagan	2,484,080.00	2,484,080.00
Hastings	19,087.21	19,087.20
La Crescent	61,142.01	61,142.01
Lakeville	2,643,943.00	2,643,943.00
Lino Lakes	69,256.84	69,256.84
Maple Grove	2,506,464.14	2,506,464.14
Maplewood	1,267,827.30	1,267,827.30
Montevideo	246,446.56	246,446.56
Morris	440,854.38	423,664.34
Mound	750,000.00	-
North Mankato	62,722.40	62,722.40
Oakdale	1,365,289.07	1,365,289.07
Otsego	136,602.00	136,602.00
Prior Lake	847,054.00	847,054.00
Ramsey	1,160,000.00	54,404.60
Red Wing	1,211,586.89	1,211,586.89
Redwood Falls	32,924.42	32,924.42
Rochester	4,000,000.00	2,780,002.92
Rosemount	675,085.16	576,761.30
Sartell	1,624,379.00	1,124,379.00
Savage	519,022.30	153,455.87
Shakopee	1,697,786.40	1,697,786.40
Shoreview	1,905,186.00	1,248,980.00
Shorewood	345,866.46	345,866.46
St. Francis	47,432.67	38,789.41
St. Michael	1,098,443.96	1,009,564.96
St. Peter	945,702.00	-
White Bear Lake	500,000.00	-
Woodbury	841,340.35	841,340.35
TOTAL	\$31,886,388.59	\$25,346,345.06

OCTOBER 2005 BOOK\2005 GENERAL FUND ADVANCES AS OF SEPT 1.XLS

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 2005 BOOK\PAST HISTORY OF ADMINISTRATIVE ACCOUNT 2005.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	202,354	1,488,402
2005	1,711,766		

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 \$559,118 (not to exceed 1/2 of 1% of the 2005 M.S.A.S. Apportionment sum of \$111,823,549) shall be set aside from the 2006 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	0	554,452
2006	559,118		

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**

June 2005

**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 (Revised June, 2005)

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

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

That when a new municipality becomes eligible to participate in the MSAS allocation, the soil type to be used for Needs purposes shall be based upon the ~~City Engineer's recommendation with the concurrence of the District State Aid Engineer.~~ **Mn/DOT Soils Classification Map for Needs purposes. Any requests for changes must follow the above process.**

Improper Needs Report - Oct. 1961

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

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

That any new city having determined its eligible mileage, ~~but does not have an approved State Aid Street System,~~ **but has not submitted its Needs to the DSAE by December 1**, will have its money Needs determined at the cost per mile of the lowest other city.

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)			\$98,850 per Acre
Grading (Excavation)			\$4.25 per Cu. Yd.
Base:			
	Class 5 Gravel	Spec. #2211	\$8.15 per Ton
	Bituminous	Spec. #2350	\$35.00 per Ton
Surface:			
	Gravel	Spec. #2118	\$5.70 per Ton
	Bituminous	Spec. #2350	\$35.00 per Ton
Shoulders:			
	Gravel	Spec. #2221	\$14.25 per Ton
Miscellaneous:			
	Storm Sewer Construction		\$265,780 per Mile
	Storm Sewer Adjustment		\$85,100 per Mile
	Special Drainage (rural segments only)		\$40,000 per Mile
	Street Lighting		\$82,500 per Mile
	Curb & Gutter Construction		\$8.75 per Lineal Foot
	Sidewalk Construction		\$25.00 per Sq. Yd.
	Project Development		20%
Removal Items:			
	Curb & Gutter		\$2.75 per Lineal Foot
	Sidewalk		\$5.50 per Sq. Yd.
	Concrete Pavement		\$5.40 per Sq. Yd.
	Tree Removal		\$250.00 per Unit

Traffic Signal Needs Based On Projected Traffic (every segment)			
Projected Traffic	Percentage X	Unit Price =	Needs Per Mile
0 - 4,999	25%	\$130,000	\$32,500 per Mile
5,000 - 9,999	50%	\$130,000	\$65,000 per Mile
10,000 and Over	100%	\$130,000	\$130,000 per Mile

Bridge Width & Costs - (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	\$80.00 per Sq. Ft.
Bridges 150 to 499 Feet long	\$80.00 per Sq. Ft.
Bridges 500 Feet and Over	\$80.00 per Sq. Ft.

Railroad Over Highway	
One Track	\$10,200 per Linear Foot
Each Additional Track	\$8,500 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	\$1,650 per Mile	\$2,735 per Mile
Parking Lanes: Segment length times number of parking lanes times cost per mile	\$1,650 per Mile	\$1,650 per Mile
Median Strip: Segment length times cost per mile	\$550 per Mile	\$1,065 per Mile
Storm Sewer: Segment length times cost per mile	\$550 per Mile	\$550 per Mile
Traffic Signals: Number of traffic signals times cost per signal	\$550 per Unit	\$550 per Unit
Minimum allowance per mile is determined by segment length times cost per mile.	\$5,475 per Mile	\$5,475 per Mile

NEEDS ADJUSTMENTS b

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.

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.

