2004
MUNICIPAL STATE AID STREET APPORTIONMENT DATA

MINNESOTA DEPARTMENT OF TRANSPORTATION

January, 2004

Minnesota Department of Transportation

MEMO
State Aid for Local Transportation Group
Mail Stop 500, 4th Floor
395 John Ireland Boulevard
St. Paul, MN 55155-1899
Fax: 651 282-2727

January 23, 2004

TO: ***Municipal Engineers***
City Clerk/Administrator

FROM: ***Marshall Johnston***
Municipal Needs Manager
(651) 296-6677

SUBJECT: The 2004 Municipal State Aid Apportionment Book

Enclosed is a copy of the "2004 Municipal State Aid Street Apportionment Data" report for your use in better understanding the means of distributing the annual allocation to each municipality over 5,000 population in Minnesota.

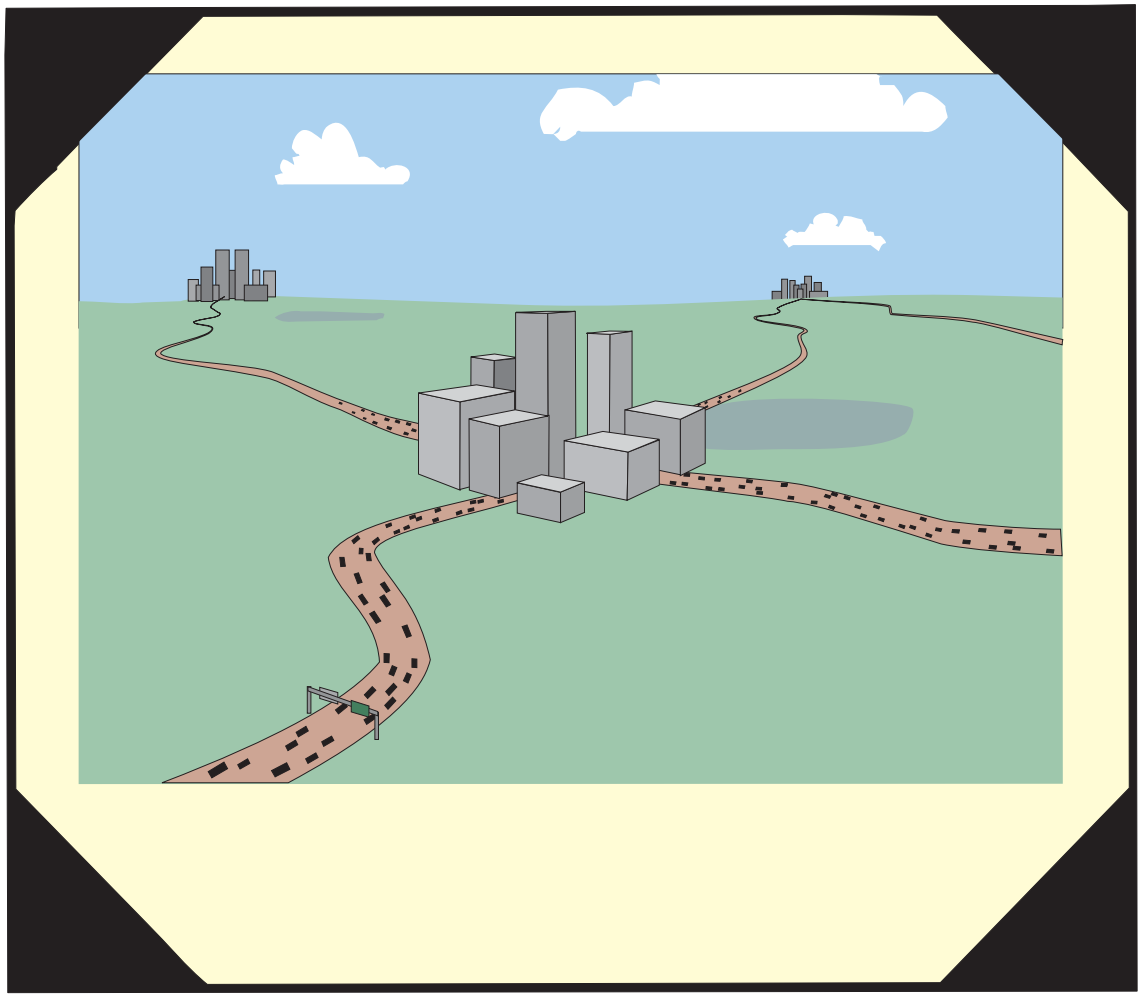
This report has been compiled by the Municipal State Aid Needs Unit, State Aid for Local Transportation, Department of Transportation, in conjunction with the Office of Finance.

This report is distributed to all municipal engineers, and when a consulting engineer is engaged by the municipality, 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/ .

Please contact me at the above number if you have questions concerning this publication.

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

N:\MSAS\Word Documents\2004\January 2004 book\COVER MEMO 2004.doc



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

Mark Channer
MSAS Needs Unit
395 John Ireland Blvd. MS 500
St. Paul, MN 55155
Phone: (651) 282-2657
Fax: (651) 282-2727
Mark.Channer@ dot.state.mn.us

Maybe you don't like some of the covers. Maybe you just want to show off your city. For any reason, if you would like to see something different on the cover of your MSAS books, we would appreciate your ideas!

Thank you to those that have already contributed!

N:\MSAS\CorelDraw\Citypicture.cdr

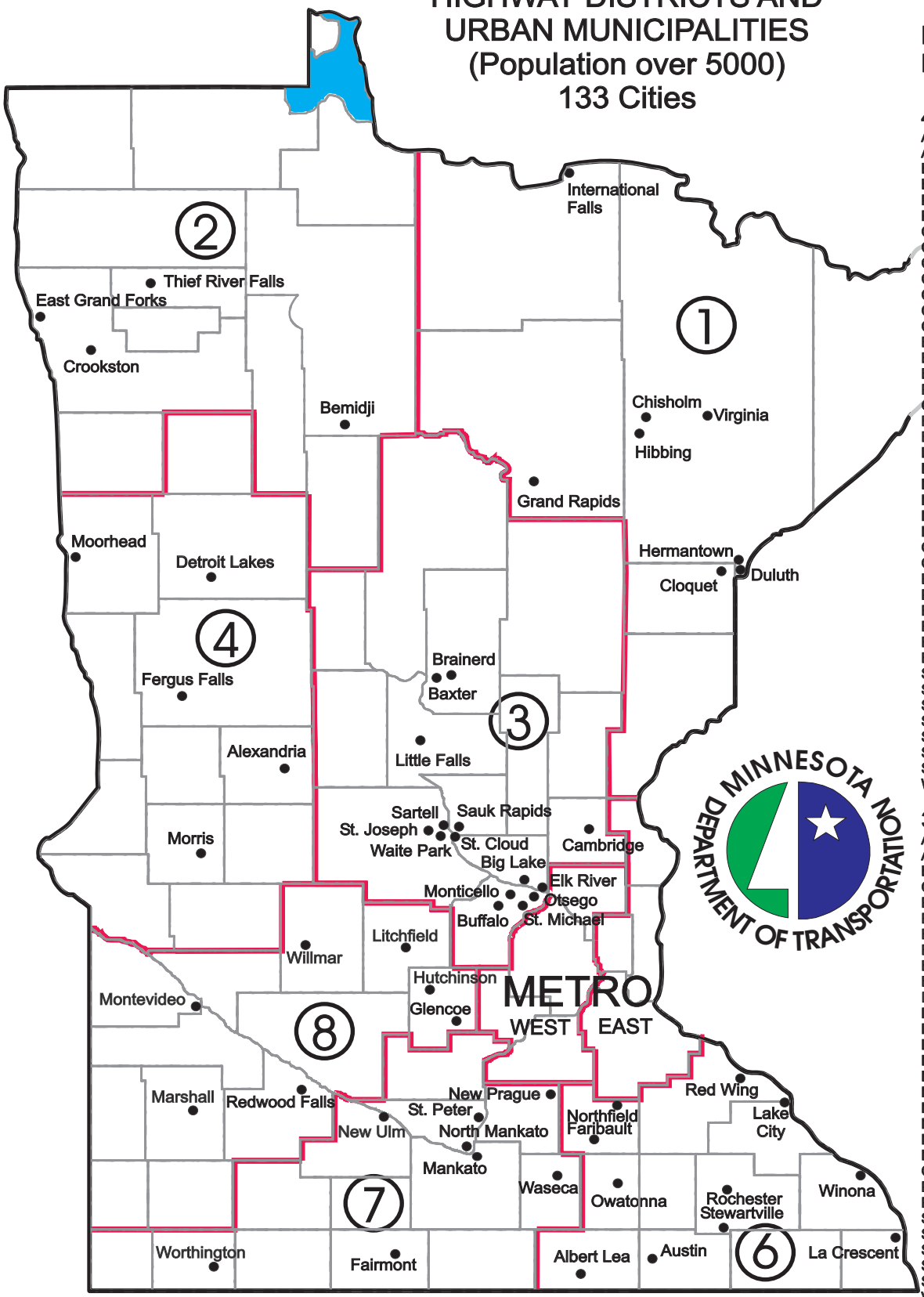
2004 MUNICIPAL STATE AID STREET APPORTIONMENT DATA

TABLE OF CONTENTS

	Page
Map of Highway Districts and Urban Municipalities	9
2004 Municipal Screening Board	10
Subcommittees of the Municipal Screening Board	11
Minutes of Screening Board Meeting - October 21 - 22, 2003	12-24
Estimated Funds Available for Distribution	25-28
Apportionment Summary	29-30
Letter to Dayton Regarding Their Escrowed Allocation	31
Population Summary	32-35
Population Apportionment	36-40
Determination of Construction Needs Apportionment	41-48
Comparison of 2003 to 2004 Construction Needs Apportionment	49-51
Total Apportionment	52-54
Comparison of 2003 to 2004 Total Apportionment	55-57
Apportionment Rankings	58-60
Construction and Maintenance Allotments	61-64
Improved Mileage	65
Maintenance Allocation Changes for 2004	66
ADJUSTMENTS TO THE CONSTRUCTION NEEDS	**67**
Unencumbered Construction Fund Balance Adjustment	69-71
Excess Unencumbered Construction Fund Balance Adjustment	72-74
Low Balance Incentive	75-78
Unamortized Bond Account Balance	79-80
Non-Existing Bridge Construction	81
Needs Adjustment for Right-of-Way Acquisition	82-85
Individual Adjustments	86-89
Letter to the Commissioner	90
2004 Adjusted Construction Needs Recommendation	91-92
Trunk Highway Turnback Maintenance	93
REFERENCE MATERIAL	**95**
MSAS Mileage, Needs and Apportionment 1958 to 2004	97
Yearly Apportionment Comparison	98
Apportionment Comparison Per Mile	99-102
Certification of MSAS System as Complete	103-104
General Fund Advances	105-108
Relationship of Construction Balance to Construction Allotment	109-110
2003 Adequate and Deficient Mileage	111-114
Turnback Policy	115-116
Current Resolutions of the Municipal Screening Board	117-126
Directory of Municipal Engineers	127-139

STATE OF MINNESOTA

HIGHWAY DISTRICTS AND URBAN MUNICIPALITIES (Population over 5000) 133 Cities



JOHN1MAR\GRAPHICS\MNSOTA.CDR

METRO MUNICIPALITIES

42 Metro West Cities

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

JANUARY, 2004

2004 MUNICIPAL SCREENING BOARD

screening board stuff\Screening Board January 2004.xls 22-Jan-04

OFFICERS

Chair	Mike Metso	Duluth	(218) 723-3278
Vice Chair	Maria Hagen	St. Louis Park	(952) 924-2687
Secretary	To be elected at the February CEAM Meeting.		

MEMBERS

District	Served	Representative		
1	3	John Suihkonen	Hibbing	(218) 262-3486
2	2	Dave Kildahl	Crookston, T R Falls	(218) 281-6522
3	2	Bret Weiss	Monticello	(763) 541-4800
4	1	Jeff Kuhn	Morris	(320) 762-8149
Metro-West	1	Craig Gray	Anoka	(763) 576-2781
6	1	Jeff Johnson	Owatonna	(507) 444-4350
7	3	Tim Loose	St. Peter	(507) 625-4171
8	2	Dave Berryman	Montevideo	(320) 269-7695
Metro-East	3	Chuck Ahl	Maplewood	(651) 770-4552
(Three Cities		Mike Metso	Duluth	(218) 723-3278
of the		Paul Ogren	Minneapolis	(612) 673-2456
First Class)		Paul Kurtz	Saint Paul	(651) 266-6203

ALTERNATES

District			
1	Tom Pagel	Grand Rapids	(218) 326-7625
2	Brian Freeburg	Bemidji	(218) 759-3576
3	Terry Maurer	Elk River	(651) 644-4389
4	Robert Zimmerman	Moorhead	(218) 299-5390
Metro-West	Sue McDermott	Prior Lake	(952) 447-4230
6	Vacant		
7	Fred Salisbury	Waseca	(507) 835-9700
8	Glen Olson	Marshall	(507) 537-6774
Metro-East	Deb Bloom	Roseville	(651) 490-2200

22-Jan-04

2003 SUBCOMMITTEES

The Screening Board Chair appoints one city Engineer, who has served on the Screening Board, to serve a three year term on the Needs Study Subcommittee.

The past Chair of the Screening Board is appointed to serve a three year term on the Unencumbered Construction Fund Subcommittee.

NEEDS STUDY SUBCOMMITTEE	UNENCUMBERED CONSTRUCTION FUNDS SUBCOMMITTEE
Steve Koehler, Chair New Ulm (507) 359-8245 Expires in 2004	Ken Ashfeld, Chair Maple Grove (612) 494-6000 Expires in 2004
Melvin Odens Willmar (320) 235-4202 Expires in 2005	David Jessup Woodbury (651) 714-3593 Expires in 2005
Vacant **To be elected at the February CEAM Meeting.** Expires in 2006	Lee Gustafson Minnetonka (952) 939-8200 Expires in 2006

miscellaneous/subcommittees 2004.xls

2003 MUNICIPAL SCREENING BOARD
Fall Meeting Minutes
October 21 & 22, 2003

I. Opening by Municipal Screening Board Chair Lee Gustafson.

The 2003 Fall Municipal Screening Board Meeting was called to order at 1:05 p.m. on October 21, 2003.

A. Chair Gustafson introduced:

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

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

District 1	John Suihkonen	Hibbing
District 2	Dave Kildahl	Crookston, Thief River Falls
District 3	Bret Weiss	Monticello
District 4, Alt.	Jeff Kuhn	Morris
Metro-West	Shelly Pederson	Bloomington
District 6	Tim Murray	Faribault
District 7	Tim Loose	St. Peter
District 8	Dave Berryman	Montevideo
Metro-East	Chuck Ahl	Maplewood
Duluth	Mike Metso	
Minneapolis	Paul Ogren	
St. Paul	Paul Kurtz	

The Chair recognized the following Screening Board Alternates:

Metro-West	Craig Gray	Anoka
District 8	Randy Peterson	Northfield

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

Mark Gieseke	Program Delivery Engineer
Diane Gould	Manager, County State Aid Needs
Lou Tasa	District 2 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 Channer	Asst. Manager, MSAS Needs Unit
Dan Erickson	Metro State Aid Division

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

Jim Vanderhoof	St. Paul
Klara Fabry	Minneapolis
Heidi Hamilton	Minneapolis
Larry Veek	Minneapolis
Dave Sonnenberg	SEH, Inc.

Bob Brown, Metro District State Aid Engineer, and Rick Kjonaas, Deputy State Aid Engineer, attended the Wednesday morning meeting.

II. 2003 Municipal State Aids Needs Report

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

A. The June 2003 Screening Board Minutes were presented for approval (Pages 16-25).

Motion by Weiss / seconded by Ogren that the minutes be approved. Motion carried without opposition.

Johnston began his review of the 2003 Municipal State Aid Needs Report with a comment regarding the preface which requires the Screening Board to recommend the annual construction needs to the Commissioner of Transportation.

Johnston noted that there are currently 134 cities eligible for Municipal State Aid apportionment. This total includes three new cities that were recently added - St. Joseph, New Prague and Rogers.

B. 2002 Screening Board and Subcommittee Members (Pages 12-13).

Johnston reviewed the current membership on the Screening Board and the subcommittees.

C. Review of Unencumbered Construction Funds Subcommittee Matters (Pages 26-38).

Johnston reviewed matters addressed by the Unencumbered Construction Funds Subcommittee (UCFS) at their August 2003 meeting, noting that Ken Ashfeld, UCFS Chair, was available for any explanation of their recommendations. The UCFS reviewed several different positive adjustments, and are recommending the following two revisions to current adjustments:

1. Revision to the Unencumbered Construction Account Needs Adjustment:
Johnston stated that this change was recommended because, currently, a city with a general fund advance receives no adjustment. A city with an account balance receives a negative adjustment for that amount, but a city with an advance does not receive a positive adjustment for the amount advanced. This change would allow a positive adjustment for general fund advances, similar to bonding. Weiss commented that he felt this should have been a part of the program since the advance option was implemented and feels that District 3 is in favor of approving this adjustment. Ahl commented that Metro Division discussed this last week and is generally in favor although the reaction was mixed. He also feels that this is important to encourage advancing; put the money where it's going to be used. Gustafson asked Johnston if this would be a difficult change to implement in the system. Johnston said that it wouldn't. Suihkonen stated that District 1 was not in favor of this adjustment because it negatively impacted even those cities that are living within their apportionment. Berryman stated that District 8 was in favor but that there was vocal opposition. Murray, District 6, said that they had unanimous support. Kuhn, District 4, stated that they had more in support than against it. Loose, District 7, said that there was general approval for the adjustment although a concern was raised that some cities have "difficult" councils and therefore shouldn't be penalized, but that this might be an opportunity to have a discussion with your Council.

   Gustafson summarized the discussion stating that there appeared to be general consensus in favor of the adjustment and noted that this item would come before the group for a vote tomorrow. Ashfeld commented that advancing funds is similar to bonding with 0% interest, therefore, this is another "tool in the toolbox" available to cities for funding options. Schoonhoven stated that saving up for a project was often used by small cities as an argument. Weiss suggested revisiting the general fund advancement amount, i.e. 4 or 5 times a cities apportionment. Gustafson asked Weiss to prepare draft wording for consideration at tomorrow's meeting.

2. Low Balance Incentive:
Johnston noted that this incentive was graphically represented on page 31. He also noted a correction on the graphic that should show $26M being distributed "out". This recommendation is a revision to the new Excess Balance adjustment going into effect for the 2004 allocation. Under this recommended modification, cities with

high balances (greater than 3x their annual apportionment) would be redistributed to cities with low balances (less than 1x their annual apportionment).

Sonnenberg questioned whether adjustments could still be made by cities that will affect these amounts. Johnston responded that payment requests received by the DSAE by December 1 would be deducted from the year end balance, but requests received between December 1 and December 31 could not be guaranteed to be deducted from the year end balance. Also, that the balances as of 12/31 would be used to determine the final amounts to be reapportioned.

Weiss stated that District 3 was generally in favor but questioned why the adjustment was for the full amount-feels this is too harsh. Berryman agreed stating that they had been split over this but that if the adjustment was made it should only be for the amount greater than 3x the apportionment. Murray said that District 6 was unanimously in favor of this but felt that there should be an opportunity to plead a case in special circumstances. Suihkonen and Kuhn reported that their districts were in favor of the adjustment. Kildahl stated that District 2 was in favor of the adjustment but additional discussion was warranted.

Ahl said that the question on the table was how the redistribution should be calculated not whether or not it should be done. Ogren questioned what the thought process was on determining how to redistribute the dollars to those cities with a balance of less than 1. Ashfeld responded that the committee felt that it should be given to those cities that are in a position to spend it. Johnston reviewed an example of how this adjustment would affect the city of Brainerd. Page 36 shows the estimated adjustment to each city if both of these measures were implemented and the two handouts show the estimated effects of each adjustment individually.

D. Review Minutes and Recommendations of the Needs Study Subcommittee (Pages 39-40).

Johnston stated that two items were discussed by the Subcommittee at their Sept. 2003 meeting, noting that Tim Schoonhoven, NSS Chair, was available for any explanation of their recommendations.

1. Storm Sewer Needs:
Johnston said that currently, if storm sewer is in place, a city can only generate needs for partial storm sewer. Complete storm sewer needs are allowed by the DSAE on a case-by-case basis due to age, condition, capacity, etc. The subcommittee recommended no change to the current procedure. Schoonhoven stated that many options are available but that the committee felt that the current system is workable with discretion given to the DSAE.

Ahl said that Metro had discussed this and would prefer a uniform standard across the state where a life cycle is established but still retains DSAE discretion.

Suihkonen said that Dist. 1 felt there was no need for change; things are probably more uniform than people think. Metso said that he felt the standard shouldn't be based on life cycle alone. Behm stated that he questions capacity, age, & condition before making a decision.

2. Widening Needs:
Johnston explained the current practice for establishment of widening needs: 0-10 years: no widening needs; 10-20 years: with DSAE approval; > 20 years: full needs. There have been cases where traffic or other situations have changed such that certain roadway segments have met the requirements for Widening Needs prior to reaching their useful life. Ashfeld questioned whether needs would still be generated if a variance was issued for a particular segment. Johnston responded that variances are not tracked in the system, so it is likely needs would be generated. The recommendation from the subcommittee is to revise the language slightly to clarify intent.

General discussion took place on the merits of the language revisions. Gustafson stated that action on this item would take place at tomorrow's meeting.

E. Theoretical Population Apportionment (Pages 41-49).

Johnston reviewed the information provided on Page 41, noting that Dayton was "on the bubble" with a population of just around 4,700. A determination will be made by the Attorney General's office of their 2000 adjusted census figures. Depending on the results of this decision, Dayton's pending allocation (which was computed and set aside until the dispute was resolved) will either be given to them or redistributed. Johnston also noted that the population apportionment is estimated at $16.08 per person. Overall, there was an increase in population of over 50,000 between 2003 & 2004.

F. Effects of the 2003 Needs Study Update (Pages 50-53).

Johnston reviewed the effects of the 2003 Needs Study update, noting that the unadjusted needs increased by $145M or 5.44%. Total needs are $2.8B.

G. Mileage, Needs and Apportionment (Pages 54-56).

Johnston reviewed this section of the Needs Report, noting that the needs apportionment for 2004 is estimated at $19.32 per $1,000 of needs. This is the lowest apportionment since 1961.

H. 2003 Itemized Tabulation of Needs (Pages 57 & Pocket).

Johnston provided a brief overview of the Tabulation of Needs, noting that Crookston had the highest needs cost per mile ($1,634,010), and Lake Elmo had the lowest needs cost per mile ($414,299). Overall, 5 cities exceed $1.2M per mile and 5 cities have an average cost per mile less than $500,000.

I. Comparison of Needs (Page 61).

Johnston reviewed the comparison of needs between 2002 and 2003, noting that street lighting increased the most due to the change in the percentage of deficient segments.

J. Tentative 2004 Construction Needs Apportionment (Pages 62-69).

Johnston reviewed this section of the Needs Report, highlighting the various adjustments made.

K. Adjustments to the Construction Needs (Pages 73-88 & Handout).

Marshall Johnston reviewed Adjustments to 2003 Construction Needs, including the following areas:

- Unencumbered Construction Fund Balance Adjustment – the balance of $99M will likely decrease before the end of the year
- Excess Unencumbered Construction Fund Balance Adjustment (based on 8/31/03 balance the balance of $26M will likely decrease before the end of the year).
- Bond Account Adjustment – if Column D is 0, no adjustment.
- Unamortized Bond Account Adjustment – Metso questioned Lakeville's off-system adjustment. Discussion took place regarding whether or not non-MSA system disbursements should be taken as a positive adjustment. Ahl felt that County State Aid system or Trunk Highway system should still be considered "on system"; he feels the column heading is incorrect. General consensus was that the State Aid system means MSA, CSAH, or Trunk Highways. Gustafson stated that this can be clarified with minor wording adjustments to the resolution or it can be referred to the UCFS for discussion. Metso felt that the existing wording in the resolution is adequate but it could be enhanced.
- Non-Existing Bridge Adjustment. – noting that Woodbury has one additional bridge; Johnston will review an after-the-fact adjustment due to wide fluctuations in cost.
- ROW Adjustment – noting that this is an after-the-fact adjustment of $72.5M and represents the largest adjustment to the needs.
- Individual Adjustments – Robbinsdale, Maple Grove, & Brainerd
- TH Turnback Maintenance (22.3 miles eligible).

L. Construction Needs Recommendations to the Commissioner (Pages 89-91).

Johnston noted that Page 89 contained a copy of the recommendation letter to be signed tomorrow by the Board members and sent to the Commissioner of Transportation with minor adjustments.

M. Theoretical Total Apportionment, Comparison, and Apportionment Rankings (Pages 92-101).

Johnston reviewed this section of the Needs Report, noting that the tentative total apportionment is $109.0 million. Johnston noted that cities with the highest tentative apportionment per needs mile were very urban in nature (Minneapolis and St. Paul), and cities with the lowest tentative apportionment per needs mile were very rural in nature (Lake Elmo, Rogers, and Corcoran).

N. Other Topics (Pages 105-123).

- Certified Complete MSAS systems
  Johnston noted that four cities have certified their MSAS systems as complete and can spend the population portion of their apportionment on their local roads.
- General Fund Advance – status and guidelines
  Johnston summarized the limits for general fund advancement based on a city's annual construction allotment. He noted that the guidelines were revised in June to include wording specifying that advancement for federal projects must also be eligible for State Aid financing. Gustafson stated that revisions to these guidelines would be considered tomorrow.
- Administrative Account
  Johnston briefly reviewed the Administrative Account, noting that 1.5-% of the total funds available is set aside for administrative purposes. The unspent remainder each year is returned for redistribution.
  Skallman commented on a desire for direction from the Board to increase the administrative account from 1.5-% to 2%. This action would require legislative approval. The Counties are considering a similar proposal and Skallman would prefer to take action on both at the same time. The additional funding would go towards special efforts such as training, special requests, etc. She is looking for examples. Pederson stated that it should be designated for something specific and something of benefit to all, i.e. technician certification classes. Murray said that the feedback he heard was that this seemed to be putting the cart before the horse – no one is opposed but they need to know what it will be used for first. Weiss stated that D3 was noncommittal. Skallman said that this request was in order to be able to respond to the requests she receives throughout the year for printing costs, special classes, etc. Recently, due to comments made by Cities and Counties, they were able to add a person to facilitate permitting. Shoonhoven stated that everyone would probably agree that training is needed, however, redistribution of a limited pot means money is being taken away from streets which are funded at the lowest level possible.
  Gustafson felt that more input should be received from the group perhaps by discussing this at the CEAM Winter meeting. Further discussion took place. Motion by Ahl / seconded by Ogren that this item be referred to the CEAM Executive Board for further study. Motion passed without opposition.

- Research Account
  Johnston briefly reviewed the Research Account history, noting that ½ of 1% is historically set aside in this account, and that a motion will be required to set the amount for 2003.
- County Highway Turnback Policy
  Johnston commented that questions on the turnback policy should be referred to the DSAE as the policy is complex.
- Screening Board Resolutions
  Johnston noted that the current screening board resolutions are included in the rear of the book.

III. Chair Gustafson called for any other subjects the representatives or audience would like presented. None were offered.

IV. Chair Gustafson requested a motion for adjournment until Wednesday morning, at which time formal action would be taken on those items before the Board.

Motion by Weiss / seconded by Pederson that the meeting be adjourned until 8:30 a.m. on Wednesday. Motion passed without opposition.

Wednesday Morning Session

The Municipal Screening Board was reconvened by Chair Gustafson at 8:40 a.m. on October 22, 2003.

Gustafson reminded everyone that a joint meeting with the County Engineers Executive Committee was scheduled for 10:00 a.m.

I. Formal Actions by the 2003 Municipal Screening Board

1. Needs and Apportionment Data (Pages 41-101).

   Motion by Ahl / seconded by Kildahl to approve the Needs and Apportionment Data as presented with minor adjustments to the final amounts. Motion carried without opposition.

   The original of the letter to the Commissioner on page 89 was subsequently signed by all Screening Board members.

2. Research Account (Page 111).

   Motion by Weiss / seconded by Pederson to approve the following resolution:

   Be it resolved that an amount of $544,962 (not to exceed ½ 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.

   Motion carried without opposition.

3. Revised Unencumbered Construction Fund Balance adjustment (Pages 28-30, 36-38, 40 and yellow handout).

   Motion by Ahl / seconded by Murray to approve the following resolution:

   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.

   Motion carried without opposition.

4. Low Balance Incentive (Pages 31-38, green and blue handout).

   Motion by Pederson / seconded by Ahl to approve the following resolution:

   That the amount of the Excess Unencumbered Construction Fund Balance Adjustment shall be redistributed to the Construction Needs of all municipalities

whose December 31 construction fund balance is less than 1 times their January construction allotment of the same year. This redistribution will be based on 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.

Motion carried without opposition.

5. Revise Widening Resolution (Pages 39-40 and green handout).

Motion by Weiss / seconded by Metso to approve the following resolution:

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

Motion carried without opposition.

6. Storm Sewer Needs (Page 39).

Ahl opened the discussion by making a motion to refer this item back to the Needs Study Subcommittee for establishment of an appropriate life cycle that is consistent with other life cycles in place. This motion was seconded by Weiss.

Gustafson opened the floor for discussion. Kildahl commented that this may hinder the committee and would instead recommend sending it back to the committee without a specific task. Sonnenberg felt that the important issue was equity and consistency. Life cycle is not necessarily a means of determining effective life, but more for establishing that consistency. Metso questioned other life cycles in place. Johnston replied that only bridges are done in this way, on a 35-year cycle. Schoonhoven stated that we're really looking at a 40-year cycle – 20 years with no needs and 20 years with needs. Discretion between partial and full needs seems to be the question. Doing away with partial needs simplifies the process and eliminates the discretion. This might be more equitable but less representative of the system. Drake questioned whether the computer software would need to be modified. Johnston said that it would, but they could wait and make several changes at once using a consultant. Murray stated that the percentage of storm sewer needs is underrepresenting what's being spent currently. If you receive full needs at 20 years, is this more in line with actual spending? Johnston suggested that Kjonaas or Skallman sit in on the discussion if this is referred back to the Needs subcommittee. Skallman stated that several DSAEs could attend as well and give their perspective on the issue. Metso agrees with subcommittee's recommendation to leave system as is, but feels that if we are going to do something, it should be done on a consistent basis. He described the example of base, which is eligible for full needs after 20 years, but his city

is not necessarily replacing it on that time frame. Reinstating full needs in line with the rest of the roadway provides consistency.

Gustafson called for a vote on the motion. Motion carried without opposition.

7. Bond Account Adjustment (Page 80 & 121).

Drake stated that the intent of the bond account was to reduce needs, if you spend dollars off of the system without reducing needs, you're not doing that. Skallman stated that the current language is consistent with the Board's previous action regarding advancements. Ahl commented that the demand on cities is coming from "off system". Gustafson said that this language is being considered merely to clarify the point to State Aid staff.

Motion by Ahl / seconded by Metso to include additional language in the resolution as follows:

> *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.*

Schoonhoven replied that he feels this is contrary to the system – you're generating needs that aren't a part of your MSA system. Per Kjonaas, prior to 1996, there was that exception and recommended additional wording in the final paragraph of the resolution. Metso stated that the confusion is coming form our definition of State Aid system. Gustafson said that this motion is confirming the method that Johnston has used since 1996. So, since 1996, cities have been getting a positive adjustment for spending their dollars off of the MSA system; before 1996, it was a negative adjustment. Metso questioned why a city would be penalized for spending dollars on the State Aid system? According to Skallman all of this needed to be tracked, and it was changed in the early 1990's. Murray felt that this is more of an offset, not a penalty; and feels that its good to have some discretion because sometimes it's the only funding source available. Metso felt that this was a larger issue related to negative adjustment for bonds and advancements. Murray clarified that he believes in being able to use dollars on the State Aid system, he just feels that it shouldn't receive a positive adjustment. Weiss recommended keeping it simple; if you get a positive adjustment for the bonds, you get it for advancements.

Motion carried with Murray in opposition.

8. MSAS General Fund Advances modifications (Pages 108-109).

Motion by Pederson / seconded by Loose to approve the following guidelines wording modifications (amended by Weiss):

The October 2002 Screening Board discussed the possibility of revising the limits that a smaller city may advance, revising the payback period for larger cities, and allowing General Fund Advances on Federal projects. It was explained that any changes were ultimately an administrative decision by the State Aid Engineer with any input and

discussion by the Screening Board being taken into consideration. The Screening Board ~~*recommended that the limits a smaller city can advance be raised to $1,000,000, allowing*~~ ***allows*** *all cities up to* ~~*3*~~ ***5*** *years to pay back the advance, and to allow advances on Federal projects. After discussing it with State Aid Finance, the following revisions will go into effect for advances from the* ~~*2003*~~ ***2004*** *allocation:*

Cities ~~*with a construction allotment of $1,000,000 or less*~~ *can now advance up to* ~~*three*~~ ***a cumulative maximum of five*** *times its previous year's construction allotment or* ~~*$1,000,000*~~ ***$4,000,000****, whichever is less when advancing for Municipal State Aid projects. (Fig. I 5-892.563 in the State Aid manual).*

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

Gustafson commented that this wording change was in response to concerns expressed by small cities and cities with an apportionment of about $900,000 that the current system was not adequate. This motion appears to address these issues.

Kildahl questioned whether the language should also be amended to apply to all of the State Aid system or the Municipal State Aid system as written, per the previous discussion. Weiss supports amending the language to make it apply to the entire State Aid system. Schoonhoven feels that the point at hand is the amount of advancement but that the issue of whether or not this should be clarified/amended to include non-MSA projects should be brought before the districts for further discussion. Skallman said that the dollars can be allocated to your regular MSA account or your advancement account at a city's discretion. Ashfeld commented that the state and county make the argument that cities should participate in the regional system due to local users. If a city couldn't use the regional system, they would need to construct a parallel route to accommodate them. You would have a need to build that – therefore, the regional system is a "need" in your community. Drake said that we're just dividing up the 9% in a different way – the MSA system is growing every year. Gustafson stated that the objective is to lower the overall account balance.

Gustafson called for a vote on the motion. Motion carried without opposition.

II. Legislative Update

Gustafson described the Transportation Utility bill and the latest information on this effort by the League of Minnesota Cities and CEAM. The intent is to provide legislators and cities with the same message over and over again. This will be done using several promotional pieces which will be developed by a consultant. All of these materials will be sent to City Engineers so that they can make individual contacts with their legislators and/or inform their Councils. One-on-one meetings are also planned with each of the Transportation Committee members.

III. Comments by Julie Skallman and other Mn/DOT personnel

Julie Skallman had nothing to report at this time.

IV. Chair Gustafson thanked Schoonhoven, Chair of the Needs Study Subcommittee, and Ken Ashfeld, Chair of the Unencumbered Construction Funds Subcommittee.

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

VI. Chair Gustafson commented that this was the last meeting for representatives from Districts 4, 6, and Metro-West. He thanked them for their service.

VII. Chair Gustafson noted that the date and location of the 2004 Spring Screening Board meeting has been tentatively set for June 1 & 2, 2004 at Cragun's.

VIII. Chair Gustafson requested a motion for adjournment.

Motion by Berryman / seconded by Pederson to adjourn. Motion carried without opposition.

Respectfully submitted,

Maria A. Hagen

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

SCHEDULE "A"

n\csah\book\apport book\schedule abc 2004.xls

Minnesota Department of Transportation
ESTIMATED Funds Available for Distribution in Calendar Year 2004
From Highway User Tax Distribution Fund

ESTIMATED Gross Income After Refunds (Fiscal 2003)		
Motor Fuel Tax 7-1-03 to 11-30-03	$280,511,524	
12-1-03 to 6-30-2004 (Est.)	363,114,414	
Subtotal		$643,625,938
Motor Vehicle Tax 7-1-03 to 11-30-03	$182,292,711	
12-1-03 to 6-30-2004 (Est.)	323,272,287	
Subtotal		$505,564,998
Motor Vehicle Sales Tax 30% 7-1-03 to 11-30-03	$77,307,145	
12-1-03 to 6-30-2004 (Est)	106,779,844	
Subtotal		$184,086,989
Interest Earned on Highway User Tax Distribution Fund		
7-1-03 to 11-30-03	$355,831	
12-1-03 to 6-30-2004 (Est.)	822,875	
Subtotal: HUTD Interest		$1,178,706
Total Highway Users Income		**$1,334,456,631**
Less Transfer to:		
DEPARTMENT OF PUBLIC SAFETY		
Motor Vehicle Division Collection Costs	$18,058,021	
General Fund Reimbursement	716,000	
Trunk Highway Reimbursement	610,000	
DEPARTMENT OF REVENUE		
Petroleum Division Collection Costs	2,097,000	
DEPARTMENT OF NATURAL RESOURCES		
Unrefunded Marine Gas Tax	7,966,000	
Unrefunded Snowmobile Gas Tax	5,310,000	
Unrefunded All Terrain Vehicle Gas Tax	797,000	
Unrefunded Forest Road	750,000	
Unrefunded Off-Road Motorcycle Gas Tax	212,000	
Unrefunded Off-Road Vehicle Gas Tax	871,000	
DEPARTMENT OF ADMINISTRATION		
Statewide Indirect Costs (Estimated)	471,987	
Subtotal: Transfers Out		($37,859,008)
ESTIMATED Funds Available for Distribution in Calendar Year 2004		**$1,296,597,623**

5% Distribution (M.S. 161.081, M.S. 161.082, M.S. 161.083)				
$1,296,597,623 x 5% = $64,829,881				
Town Road Account	(30.5%)		$19,773,114	
Town Bridge Account	(16%)		10,372,781	
Flexible Highway Account	(53.5%)	$34,683,986		
Municipal Turnback Account			14,400,000	
Trunk Highway Fund			0	
County Turnback Account			20,283,986	
Subtotal: 5% Distribution				$64,829,881
95% Distribution (Minn. Constitution Art. XIV, Sect. 5)				
$1,296,597,623 x 95% = $1,231,767,742				
Trunk Highway Fund		(62%)	$763,696,000	
County State Aid Highway Fund		(29%)	357,212,645	
Municipal State Aid Street Fund		(9%)	110,859,097	
Subtotal: 95% Distribution				$1,231,767,742
Total Highway User Funds Available for Distribution in Calendar Year 2004				$1,296,597,623

SCHEDULE "B"

Minnesota Department of Transportation
ESTIMATED Funds Available for Distribution in 2004

Counties

INCOME:

Highway Users Fund (29% of 95% Distribution) - Excluding Turnback	$357,212,645
Investment Interest (Estimated)	5,000,000
Income - Actual vs 2003 Estimate	12,950,047
Investment Interest - Actual vs 2003 Estimate	(8,825,063)
Unexpended balance of 2003 Administrative Cost Account	443,104
Unexpended balance of 2003 Research Account	0
Federal Reimbursements for State Planning & Research Programs	183,823
Distribution from Motor Vehicle Sales Tax (.65%)	3,988,551
Release of Unencumbered State Park Fund	0
Total Funds Available	$370,953,107

DEDUCTIONS:

Administrative Account (1-1/2% of total funds available)		$5,564,297	
Disaster Fund			
Legal Limit (2% of Total Apportionment to Co.)	7,169,226		
Unexpended balance as of 11/30/03	4,628,743		
Amount required to make the 2% maximum		$2,540,483	
Research Account (1/2 of 1% of the 2003 Apportionment Sum)			
$335,646,516 x .50% = $1,678,233			
(As determined by 2003 Screening Board)		$1,678,233	
State Park Road Fund			
After deducting for the Administrative Account, Disaster Fund, and Research Account, a sum of three quarters of one percent of the remainder shall be set aside for use as prescribed by law.		$2,708,776	
			($12,491,789)

APPORTIONMENT SUM Available for Distribution to the Counties in 2004	**$358,461,318**

Equalization	10% =	$35,846,132
Registration	10% =	35,846,132
Mileage	30% =	107,538,395
Money Needs	50% =	179,230,659
		$358,461,318

SCHEDULE "C"

Minnesota Department of Transportation
ESTIMATED Funds Available for Distribution in 2004

Municipalities

INCOME:

Highway Users Fund (9% of 95% Distribution) - Excluding Turnback	$110,859,097
Interest on Investments (Estimated)	2,000,000
Income - Actual vs 2003 Estimate	4,018,980
Investment Interest - Actual vs 2003 Estimate	(5,484,092)
Unexpended balance of 2003 Administrative Cost Account	133,528
Unexpended balance of 2003 Research Account	0
Federal Reimbursements for State Planning & Research Programs	146,384
Distribution from Motor Vehicle Sales Tax (.17%)	1,043,160
Total Funds Available	**$112,717,057**

DEDUCTIONS:

Administrative Account (1-1/2% of total funds available)		$1,690,756	
Disaster Fund			
Legal Limit			
(3% of the Current Apportionment Sum)	$3,326,717		
Unexpended balance as of 11/30/03	3,269,774		
Amount required to make maximum allowed		$56,943	
NOTE: Annual amount cannot be greater than 2% of total funds available after deducting Administrative Account.			
Research Account (1/2 of 1% of the 2003 Apportionment Sum)			
$108,992,464 x .50% = $544,962			
(As determined by 2003 Screening Board)		$544,962	
			($2,292,661)
Apportionment Sum			$110,424,396
Redistribution of 2002 & 2003 apportionment for City of Dayton deemed ineligible			$466,185
APPORTIONMENT SUM Available for Distribution to the Urban Municipalities in 2004			**$110,890,581**

Population	50% =	$55,445,290
Money Needs	50% =	55,445,291
		$110,890,581

SCHEDULE "D"

Minnesota Department of Transportation
ESTIMATED Funds Available for Distribution in 2004

Town Bridge Account & Town Road Account

Income to Town Road Account:		
Highway Users Fund(30.5 x 5%)	**$19,773,114**	
Receipts/Investment Interest - Actual vs 2003 Estimate	**723,432**	
Total monies available for distribution to Towns in 2004		**$20,496,546**

Income to Town Bridge Account:		
Highway Users Fund(16% x 5%)	**$10,372,781**	
Receipts/Investment Interest - Actual vs 2003 Estimate	**379,505**	
Subtotal		**$10,752,286**
Less Unallocated Account (30% of Subtotal - per State Aid)		**$3,225,686**
Total monies available for distribution to Towns in 2004		**$7,526,600**

APPORTIONMENT SUMMARY

The Municipalities share of the Highway Users Tax Distribution Fund for the 2004 apportionment is $110,890,581. This amount is a increase of $1,898,117 or 1.74% over the January 2003 apportionment. The available funds are distributed 50% based on Population and 50% based on Adjusted Construction (Money) Needs and is computed using the following steps.

Step 1. Population Allocation

50% of the total apportionment sum is distributed on a prorated share that a city's population bears to the total population of all the other cities.

The 2000 Federal Census or the State Demographer's / Metropolitan Council's 2002 population estimate, whichever was greater, was used to determine the 2004 population apportionment. This year, 133 cities share in the Municipal State Aid allocation. Chisholm, with a population of 4,960 in the 2000 Census, continues to qualify for MSA funding because of the revision of State Statute 162.09, subd. 4. The census dispute between Dayton and the Federal Census Bureau was resolved this year with Dayton having an official 2000 Census population of 4733. The 2002 and 2003 allocations of $466,185 based upon the 2000 Census and set aside for Dayton until the dispute was settled, has been included in the 2004 allocation and will be redistributed amongst the other cities.

The following population adjustments due to annexations were made to the 2002 population estimates after they were released.

Alexandria	*+21*	*Montevideo*	*+4*
Baxter	*+2*	*Monticello*	*+508*
Bemidji	*+278*	*New Prague*	*+3*
Brainerd	*+19*	*New Ulm*	*+10*
Brooklyn Center	*-2*	*Prior Lake*	*+6*
Corcoran	*-3*	*Redwood Falls*	*+6*
Detroit Lakes	*+7*	*Robbinsdale*	*+2*
Faribault	*+1*	*Rochester*	*+22*
Grand Rapids	*+431*	*St. Cloud*	*+78*
Hutchinson	*+4*	*Sartell*	*+6*
Little Falls	*+256*	*Shakopee*	*+3*
Mankato	*+2*	*Waseca*	*+6*
Maple Grove	*+2*		

The following population adjustments were made to the 2000 Federal Census after it was released.

Blaine	*+72*	*Richfield*	*-129*
Dayton	*+14*	*St. Paul*	*-311*
Maplewood	*+311*	*Stillwater*	*+180*
Minneapolis	*+129*		

The population for allocation purposes has increased 53,416 since last year. This increase includes population estimates, new cities, and the population included in numerous annexations.

Based on 2002 population estimates, 3 new cities have been included in the January 2004 allocation. Rogers, located in Hennepin County in the Metro District, was added in 2003 with a

population of 5,010. New Prague, located in Le Sueur and Scott counties in District 7, was added with a population of 5,019. St. Joseph in Stearns County in District 3, was added with a population of 5,024.

The 2004 per capita population allocation is approximately $16.38. This is an increase of $0.02 from the 2003 allocation. 129 cities showed an increase and 4 cities showed a decrease in the 2004 population apportionment.

Step 2. MSAS Construction Needs Allocation

50% of the total apportionment sum is distributed on a prorated share that the city's Adjusted Construction (Money) Needs bears to the total Adjusted Construction Needs of all cities.

For this report, Construction (Money) Needs is defined as the estimated cost of constructing and maintaining the Municipal State Aid Street (MSAS) system over a period of 20 years. The MSAS system comprises up to 20% of the city's local, county road and county road turnback mileage plus 100% of any county highway and trunk highway turnback mileage. The result of Screening Board adjustments to the Construction Needs is called the Adjusted Construction Needs.

In the 2004 apportionment, $1000 in Adjusted Construction Needs earns approximately $19.08. This is a decrease of $1.31 per $1000 from the 2003 apportionment and the lowest value since 1958. The Construction Needs Allocation yielded an increase to 68 cities and a decrease to 65 cities. The adjusted needs between the 2002 and the 2003 needs study increased over $232 million. This increase in needs is due to Needs updating, the addition of new cities, system revisions, adjustments to the unit prices, additional mileage designated, and update of traffic counts.

Step 3. The Total Allotment

Population and adjusted construction needs allocations are combined to determine the city's total apportionment. In the 2004 apportionment, 84 cities increased and 49 decreased from the 2003 apportionment.

Step 4. Construction and Maintenance Allotments

Each city's total allotment is used to determine the amount allocated to its Maintenance and Construction Accounts. If a city didn't request more than the minimum maintenance, the maintenance was allocated at a rate of $1500 per improved mile plus any bond interest due in 2004. A greater maintenance amount, up to 35% of the total allocation, is allocated to those cities that have submitted a written request before December 16 preceding the apportionment. After the maintenance amount is determined, the remaining amount is allocated to the city's construction account.

Minnesota Department of Transportation

State Aid for Local Transportation
Mail Stop 500, 4th Floor
395 John Ireland Boulevard
St. Paul, MN 55155-1899 Fax: 651 282-2727

December 15, 2003

Ms Shirley Slater
Dayton City Administrator
12260 S. Diamond Lake Rd.
Dayton, MN 55327

Dear Ms Slater:

This is a follow up to my letter of October 6, 2003, to inform you of the financial transactions that will be taking place now that Dayton will not be participating in the Municipal State Aid Street allocation this year.

As you are aware, we have set aside $116,546 in your maintenance account and $349,639 in your construction account from your 2002 and 2003 MSAS allocations. These dollars were held in escrow until the CQR the city has filed with the Federal Census Bureau was settled. We have been notified that the final 2000 Census figure for Dayton is 4733. The money that had been held for Dayton will be put back in the statewide distribution formula in January 2004. Any amount in your account greater than these amounts will still be available to the city.

Per State Statute 162.09 subd. 4, the city will again be included in the distribution if the population estimate of the metropolitan council or the state demographer estimates the city to be over 5000.

If you have any questions, please contact me at (651) 296-9875.

Yours truly,

Rick Kjonaas
Deputy State Aid Engineer

Enc: Dayton Allocation History

cc: Julie Skallman
Bob Brown
Marshall Johnston
Joan Peters
Mark Hanson

2004 POPULATION SUMMARY

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

N:\MSAS\EXCEL\2003\January 2004 BOOK \POPULATION SUMMARY 2003.XLS

Municipality	2000 Census	2002 Population Estimates	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	Difference between Populations used in 2003 & 2004 Allocation
Albert Lea	**18,366**	**18,079**	18,372	**18,366**	(6)
Alexandria	**9,115**	**9,876**	9,247	**9,876**	629
Andover	**26,588**	**28,664**	27,446	**28,664**	1,218
Anoka	**18,076**	**18,121**	18,088	**18,121**	33
Apple Valley	**45,527**	**47,761**	46,600	**47,761**	1,161
Arden Hills	**9,652**	**9,660**	9,660	**9,660**	0
Austin	**23,314**	**23,670**	23,376	**23,670**	294
Baxter	**5,555**	**6,126**	5,820	**6,126**	306
Bemidji	**11,931**	**12,686**	12,075	**12,686**	611
Big Lake	**6,063**	**7,273**	6,895	**7,273**	378
Blaine	**44,942**	**48,072**	46,000	**48,072**	2,072
Bloomington	**85,172**	**85,400**	85,285	**85,400**	115
Brainerd	**13,382**	**13,665**	13,640	**13,665**	25
Brooklyn Center	**29,172**	**29,183**	29,180	**29,183**	3
Brooklyn Park	**67,388**	**68,600**	68,070	**68,600**	530
Buffalo	**10,104**	**11,422**	10,848	**11,422**	574
Burnsville	**60,220**	**60,900**	60,434	**60,900**	466
Cambridge	**5,520**	**5,846**	5,715	**5,846**	131
Champlin	**22,193**	**22,620**	22,482	**22,620**	138
Chanhassen	**20,321**	**21,345**	21,100	**21,345**	245
Chaska	**17,449**	**18,961**	18,380	**18,961**	581
Chisholm	**4,960**	**4,872**	5,000	**5,000**	0
Cloquet	**11,201**	**11,378**	11,370	**11,378**	8
Columbia Heights	**18,520**	**18,698**	18,529	**18,698**	169
Coon Rapids	**61,607**	**62,177**	61,800	**62,177**	377
Corcoran	**5,630**	**5,797**	5,665	**5,797**	132
Cottage Grove	**30,582**	**30,984**	30,753	**30,984**	231
Crookston	**8,192**	**8,128**	8,192	**8,192**	0
Crystal	**22,698**	**22,840**	22,748	**22,840**	92
Dayton	**4,733**	**4,891**	5,000	**0**	(5,000)
Detroit Lakes	**7,425**	**7,564**	7,483	**7,564**	81
Duluth	**86,319**	**86,044**	86,319	**86,319**	0
Eagan	**63,557**	**64,700**	64,300	**64,700**	400

Municipality	2000 Census	2002 Population Estimates	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	Difference between Populations used in 2003 & 2004 Allocation
East Bethel	**10,941**	**11,198**	11,079	**11,198**	119
East Grand Forks	**7,501**	**7,569**	7,535	**7,569**	34
Eden Prairie	**54,901**	**57,000**	55,660	**57,000**	1,340
Edina	**47,425**	**47,570**	47,465	**47,570**	105
Elk River	**16,447**	**18,082**	17,380	**18,082**	702
Fairmont	**10,889**	**10,816**	10,947	**10,889**	(58)
Falcon Heights	**5,572**	**5,580**	5,580	**5,580**	0
Faribault	**20,835**	**21,477**	21,167	**21,477**	310
Farmington	**12,382**	**14,255**	13,279	**14,255**	976
Fergus Falls	**13,620**	**13,703**	13,645	**13,703**	58
Forest Lake	**14,440**	**15,093**	14,719	**15,093**	374
Fridley	**27,449**	**27,460**	27,469	**27,460**	(9)
Glencoe	**5,453**	**5,549**	5,518	**5,549**	31
Golden Valley	**20,281**	**20,636**	20,391	**20,636**	245
Grand Rapids	**7,892**	**8,260**	7,892	**8,260**	368
Ham Lake	**12,710**	**13,555**	13,110	**13,555**	445
Hastings	**18,204**	**19,202**	18,503	**19,202**	699
Hermantown	**8,047**	**8,178**	8,099	**8,178**	79
Hibbing	**17,071**	**16,968**	17,071	**17,071**	0
Hopkins	**17,145**	**17,559**	17,250	**17,559**	309
Hugo	**6,363**	**7,900**	7,195	**7,900**	705
Hutchinson	**13,081**	**13,407**	13,314	**13,407**	93
International Falls	**6,707**	**6,554**	6,707	**6,707**	0
Inver Grove Heights	**29,751**	**30,708**	30,150	**30,708**	558
LaCrescent	**4,923**	**5,027**	5,013	**5,027**	14
Lake City	**5,054**	**5,153**	5,104	**5,153**	49
Lake Elmo	**6,863**	**7,387**	7,036	**7,387**	351
Lakeville	**43,128**	**46,285**	44,751	**46,285**	1,534
Lino Lakes	**16,791**	**17,942**	17,380	**17,942**	562
Litchfield	**6,562**	**6,643**	6,577	**6,643**	66
Little Canada	**9,771**	**9,825**	9,813	**9,825**	12
Little Falls	**7,723**	**8,211**	7,838	**8,211**	373
Mahtomedi	**7,563**	**8,030**	7,977	**8,030**	53
Mankato	**32,427**	**33,364**	32,700	**33,364**	664
Maple Grove	**50,365**	**54,003**	52,350	**54,003**	1,653
Maplewood	**34,947**	**35,911**	35,080	**35,911**	831
Marshall	**12,717**	**12,778**	12,810	**12,778**	(32)
Mendota Heights	**11,434**	**11,600**	11,470	**11,600**	130

Municipality	2000 Census	2002 Population Estimates	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	Difference between Populations used in 2003 & 2004 Allocation
Minneapolis	**382,618**	**382,829**	382,618	**382,829**	211
Minnetonka	**51,301**	**51,440**	51,420	**51,440**	20
Montevideo	**5,346**	**5,484**	5,482	**5,484**	2
Monticello	**7,868**	**9,347**	8,397	**9,347**	950
Moorhead	**32,179**	**32,572**	32,376	**32,572**	196
Morris	**5,173**	**5,207**	5,186	**5,207**	21
Mound	**9,435**	**9,460**	9,454	**9,460**	6
Mounds View	**12,738**	**12,800**	12,750	**12,800**	50
New Brighton	**22,206**	**22,260**	22,215	**22,260**	45
New Hope	**20,873**	**20,910**	20,910	**20,910**	0
New Prague	**4,559**	**5,019**	0	**5,019**	5,019
New Ulm	**13,594**	**13,553**	13,594	**13,594**	0
North Branch	**8,023**	**8,978**	8,574	**8,978**	404
North Mankato	**11,800**	**12,208**	12,054	**12,208**	154
North St. Paul	**11,929**	**11,959**	11,929	**11,959**	30
Northfield	**17,147**	**17,846**	17,509	**17,846**	337
Oak Grove	**6,903**	**7,090**	6,952	**7,090**	138
Oakdale	**26,653**	**27,500**	26,906	**27,500**	594
Orono	**7,538**	**7,625**	7,592	**7,625**	33
Otsego	**6,389**	**8,210**	6,970	**8,210**	1,240
Owatonna	**22,436**	**23,082**	22,786	**23,082**	296
Plymouth	**65,894**	**67,824**	66,675	**67,824**	1,149
Prior Lake	**15,917**	**17,166**	16,457	**17,166**	709
Ramsey	**18,510**	**18,830**	18,668	**18,830**	162
Red Wing	**16,116**	**16,269**	16,211	**16,269**	58
Redwood Falls	**5,459**	**5,405**	5,461	**5,459**	(2)
Richfield	**34,439**	**34,446**	34,876	**34,446**	(430)
Robbinsdale	**14,123**	**14,079**	14,123	**14,123**	0
Rochester	**86,806**	**91,286**	89,325	**91,286**	1,961
Rogers	**3,588**	**5,010**	0	**5,010**	5,010
Rosemount	**14,619**	**16,110**	15,270	**16,110**	840
Roseville	**33,690**	**34,100**	33,949	**34,100**	151
Saint Anthony	**8,102**	**8,019**	8,102	**8,102**	0
Saint Cloud	**59,111**	**61,326**	60,276	**61,326**	1,050
Saint Francis	**4,910**	**5,680**	5,330	**5,680**	350
Saint Joseph	**4,681**	**5,024**	0	**5,024**	5,024
Saint Louis Park	**44,126**	**44,744**	44,576	**44,744**	168
Saint Michael	**9,099**	**11,197**	10,264	**11,197**	933

Municipality	2000 Census	2002 Population Estimates	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	Difference between Populations used in 2003 & 2004 Allocation
Saint Paul	**287,151**	**287,689**	287,260	**287,689**	429
Saint Paul Park	**5,070**	**5,095**	5,081	**5,095**	14
Saint Peter	**9,747**	**9,979**	9,763	**9,979**	216
Sartell	**9,666**	**10,963**	10,336	**10,963**	627
Sauk Rapids	**10,221**	**11,423**	10,826	**11,423**	597
Savage	**21,115**	**23,220**	22,622	**23,220**	598
Shakopee	**20,570**	**23,903**	22,192	**23,903**	1,711
Shoreview	**25,924**	**26,478**	26,374	**26,478**	104
Shorewood	**7,400**	**7,590**	7,540	**7,590**	50
South St. Paul	**20,167**	**20,313**	20,174	**20,313**	139
Spring Lake Park	**6,772**	**6,825**	6,777	**6,825**	48
Stewartville	**5,431**	**5,556**	5,500	**5,556**	56
Stillwater	**15,143**	**16,289**	15,589	**16,289**	700
Thief River Falls	**8,410**	**8,447**	8,412	**8,447**	35
Vadnais Heights	**13,069**	**13,250**	13,151	**13,250**	99
Virginia	**9,157**	**9,108**	9,157	**9,157**	0
Waconia	**6,821**	**7,600**	7,300	**7,600**	300
Waite Park	**6,568**	**6,690**	6,644	**6,690**	46
Waseca	**9,617**	**9,723**	9,714	**9,723**	9
West St. Paul	**19,405**	**19,650**	19,624	**19,650**	26
White Bear Lake	**24,325**	**24,651**	24,606	**24,651**	45
Willmar	**18,488**	**18,512**	18,550	**18,512**	(38)
Winona	**27,069**	**26,902**	27,100	**27,069**	(31)
Woodbury	**46,463**	**49,170**	48,150	**49,170**	1,020
Worthington	**11,287**	**11,248**	11,287	**11,287**	0
TOTAL	**3,301,803**	**3,388,609**	**3,331,862**	**3,385,278**	**53,416**

2004 POPULATION APPORTIONMENT

N:\MSAS\EXCEL\JANUARY 2004 BOOK\ POPULATION APPORTIONMENT FOR 2004.XLS

Municipality	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	2003 Apport. Using the 2000 Census	2004 Apport. Using 2000 Census or 02 Estimate	Difference Between 2003 & 04 Apport.	% Increase (Decrease)
Albert Lea	18,372	18,366	$300,494	**$300,805**	$311	0.10%
Alexandria	9,247	9,876	151,245	**161,753**	10,508	6.95%
Andover	27,446	28,664	448,909	**469,469**	20,560	4.58%
Anoka	18,088	18,121	295,849	**296,792**	943	0.32%
Apple Valley	46,600	47,761	762,194	**782,247**	20,053	2.63%
Arden Hills	9,660	9,660	158,000	**158,215**	215	0.14%
Austin	23,376	23,670	382,340	**387,676**	5,336	1.40%
Baxter	5,820	6,126	95,192	**100,334**	5,142	5.40%
Bemidji	12,075	12,686	197,500	**207,776**	10,276	5.20%
Big Lake	6,895	7,273	112,775	**119,120**	6,345	5.63%
Blaine	46,000	48,072	752,380	**787,340**	34,960	4.65%
Bloomington	85,285	85,400	1,394,929	**1,398,712**	3,783	0.27%
Brainerd	13,640	13,665	223,097	**223,810**	713	0.32%
Brooklyn Center	29,180	29,183	477,271	**477,970**	699	0.15%
Brooklyn Park	68,070	68,600	1,113,359	**1,123,555**	10,196	0.92%
Buffalo	10,848	11,422	177,431	**187,074**	9,643	5.43%
Burnsville	60,434	60,900	988,464	**997,442**	8,978	0.91%
Cambridge	5,715	5,846	93,475	**95,748**	2,273	2.43%
Champlin	22,482	22,620	367,718	**370,478**	2,760	0.75%
Chanhassen	21,100	21,345	345,113	**349,596**	4,483	1.30%
Chaska	18,380	18,961	300,625	**310,550**	9,925	3.30%
Chisholm	5,000	5,000	81,780	**81,892**	112	0.14%
Cloquet	11,370	11,378	185,969	**186,353**	384	0.21%
Columbia Heights	18,529	18,698	303,062	**306,243**	3,181	1.05%
Coon Rapids	61,800	62,177	1,010,806	**1,018,357**	7,551	0.75%
Corcoran	5,665	5,797	92,657	**94,945**	2,288	2.47%
Cottage Grove	30,753	30,984	502,999	**507,467**	4,468	0.89%
Crookston	8,192	8,192	133,989	**134,171**	182	0.14%
Crystal	22,748	22,840	372,068	**374,082**	2,014	0.54%
Dayton	5,000	0	81,780	**0**	(81,780)	-100.00%
Detroit Lakes	7,483	7,564	122,393	**123,886**	1,493	1.22%
Duluth	86,319	86,319	1,411,841	**1,413,763**	1,922	0.14%
Eagan	64,300	64,700	1,051,697	**1,059,680**	7,983	0.76%
East Bethel	11,079	11,198	181,209	**183,405**	2,196	1.21%
East Grand Forks	7,535	7,569	123,243	**123,968**	725	0.59%
Eden Prairie	55,660	57,000	910,380	**933,566**	23,186	2.55%

Municipality	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	2003 Apport. Using the 2000 Census	2004 Apport. Using 2000 Census or 02 Estimate	Difference Between 2003 & 04 Apport.	% Increase (Decrease)
Edina	47,465	47,570	$776,342	**$779,118**	$2,776	0.36%
Elk River	17,380	18,082	284,269	**296,153**	11,884	4.18%
Fairmont	10,947	10,889	179,050	**178,344**	(706)	-0.39%
Falcon Heights	5,580	5,580	91,267	**91,391**	124	0.14%
Faribault	21,167	21,477	346,209	**351,758**	5,549	1.60%
Farmington	13,279	14,255	217,193	**233,473**	16,280	7.50%
Fergus Falls	13,645	13,703	223,179	**224,433**	1,254	0.56%
Forest Lake	14,719	15,093	240,745	**247,199**	6,454	2.68%
Fridley	27,469	27,460	449,285	**449,750**	465	0.10%
Glencoe	5,518	5,549	90,253	**90,884**	631	0.70%
Golden Valley	20,391	20,636	333,517	**337,984**	4,467	1.34%
Grand Rapids	7,892	8,260	129,082	**135,285**	6,203	4.81%
Ham Lake	13,110	13,555	214,428	**222,009**	7,581	3.54%
Hastings	18,503	19,202	302,637	**314,497**	11,860	3.92%
Hermantown	8,099	8,178	132,468	**133,942**	1,474	1.11%
Hibbing	17,071	17,071	279,215	**279,595**	380	0.14%
Hopkins	17,250	17,559	282,143	**287,588**	5,445	1.93%
Hugo	7,195	7,900	117,682	**129,389**	11,707	9.95%
Hutchinson	13,314	13,407	217,765	**219,585**	1,820	0.84%
International Falls	6,707	6,707	109,700	**109,850**	150	0.14%
Inver Grove Heights	30,150	30,708	493,136	**502,947**	9,811	1.99%
La Crescent	5,013	5,027	81,993	**82,334**	341	0.42%
Lake City	5,104	5,153	83,481	**84,398**	917	1.10%
Lake Elmo	7,036	7,387	115,081	**120,987**	5,906	5.13%
Lakeville	44,751	46,285	731,951	**758,072**	26,121	3.57%
Lino Lakes	17,380	17,942	284,269	**293,860**	9,591	3.37%
Litchfield	6,577	6,643	107,574	**108,801**	1,227	1.14%
Little Canada	9,813	9,825	160,502	**160,917**	415	0.26%
Little Falls	7,838	8,211	128,199	**134,483**	6,284	4.90%
Mahtomedi	7,977	8,030	130,473	**131,518**	1,045	0.80%
Mankato	32,700	33,364	534,844	**546,447**	11,603	2.17%
Maple Grove	52,350	54,003	856,241	**884,480**	28,239	3.30%
Maplewood	35,080	35,911	573,772	**588,163**	14,391	2.51%
Marshall	12,810	12,778	209,522	**209,283**	(239)	-0.11%
Mendota Heights	11,470	11,600	187,604	**189,989**	2,385	1.27%
Minneapolis	382,618	382,829	6,258,134	**6,270,110**	11,976	0.19%
Minnetonka	51,420	51,440	841,030	**842,503**	1,473	0.18%
Montevideo	5,482	5,484	89,664	**89,819**	155	0.17%
Monticello	8,397	9,347	137,342	**153,088**	15,746	11.46%
Moorhead	32,376	32,572	529,545	**533,476**	3,931	0.74%
Morris	5,186	5,207	84,823	**85,282**	459	0.54%
Mound	9,454	9,460	154,630	**154,939**	309	0.20%
Mounds View	12,750	12,800	208,540	**209,643**	1,103	0.53%
New Brighton	22,215	22,260	363,351	**364,582**	1,231	0.34%

Municipality	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	2003 Apport. Using the 2000 Census	2004 Apport. Using 2000 Census or 02 Estimate	Difference Between 2003 & 04 Apport.	% Increase (Decrease)
New Hope	20,910	20,910	$342,006	**$342,471**	$465	0.14%
New Prague	0	5,019	0	**82,203**	82,203	100.00%
New Ulm	13,594	13,594	222,345	**222,647**	302	0.14%
North Branch	8,574	8,978	140,237	**147,045**	6,808	4.85%
North Mankato	12,054	12,208	197,156	**199,947**	2,791	1.42%
North St. Paul	11,929	11,959	195,112	**195,869**	757	0.39%
Northfield	17,509	17,846	286,379	**292,288**	5,909	2.06%
Oak Grove	6,952	7,090	113,708	**116,123**	2,415	2.12%
Oakdale	26,906	27,500	440,077	**450,405**	10,328	2.35%
Orono	7,592	7,625	124,175	**124,885**	710	0.57%
Otsego	6,970	8,210	114,002	**134,466**	20,464	17.95%
Owatonna	22,786	23,082	372,690	**378,045**	5,355	1.44%
Plymouth	66,675	67,824	1,090,542	**1,110,846**	20,304	1.86%
Prior Lake	16,457	17,166	269,172	**281,151**	11,979	4.45%
Ramsey	18,668	18,830	305,335	**308,404**	3,069	1.01%
Red Wing	16,211	16,269	265,149	**266,459**	1,310	0.49%
Redwood Falls	5,461	5,459	89,321	**89,409**	88	0.10%
Richfield	34,876	34,446	570,435	**564,169**	(6,266)	-1.10%
Robbinsdale	14,123	14,123	230,997	**231,312**	315	0.14%
Rochester	89,325	91,286	1,461,008	**1,495,115**	34,107	2.33%
Rogers	0	5,010	0	**82,056**	82,056	100.00%
Rosemount	15,270	16,110	249,757	**263,855**	14,098	5.64%
Roseville	33,949	34,100	555,273	**558,502**	3,229	0.58%
St. Anthony	8,102	8,102	132,517	**132,697**	180	0.14%
St. Cloud	60,276	61,326	985,880	**1,004,419**	18,539	1.88%
St. Francis	5,330	5,680	87,178	**93,029**	5,851	6.71%
St. Joseph	0	5,024	0	**82,285**	82,285	100.00%
St. Louis Park	44,576	44,744	729,089	**732,833**	3,744	0.51%
St. Michael	10,264	11,197	167,879	**183,388**	15,509	9.24%
St. Paul	287,260	287,689	4,698,450	**4,711,873**	13,423	0.29%
St. Paul Park	5,081	5,095	83,105	**83,448**	343	0.41%
St. Peter	9,763	9,979	159,684	**163,440**	3,756	2.35%
Sartell	10,336	10,963	169,057	**179,556**	10,499	6.21%
Sauk Rapids	10,826	11,423	177,071	**187,090**	10,019	5.66%
Savage	22,622	23,220	370,007	**380,305**	10,298	2.78%
Shakopee	22,192	23,903	362,974	**391,492**	28,518	7.86%
Shoreview	26,374	26,478	431,375	**433,666**	2,291	0.53%
Shorewood	7,540	7,590	123,325	**124,312**	987	0.80%
South St. Paul	20,174	20,313	329,968	**332,694**	2,726	0.83%
Spring Lake Park	6,777	6,825	110,845	**111,782**	937	0.85%
Stewartville	5,500	5,556	89,958	**90,998**	1,040	1.16%
Stillwater	15,589	16,289	254,975	**266,787**	11,812	4.63%
Thief River Falls	8,412	8,447	137,587	**138,348**	761	0.55%
Vadnais Heights	13,151	13,250	215,099	**217,013**	1,914	0.89%
Virginia	9,157	9,157	149,773	**149,977**	204	0.14%
Waconia	7,300	7,600	119,399	**124,476**	5,077	4.25%

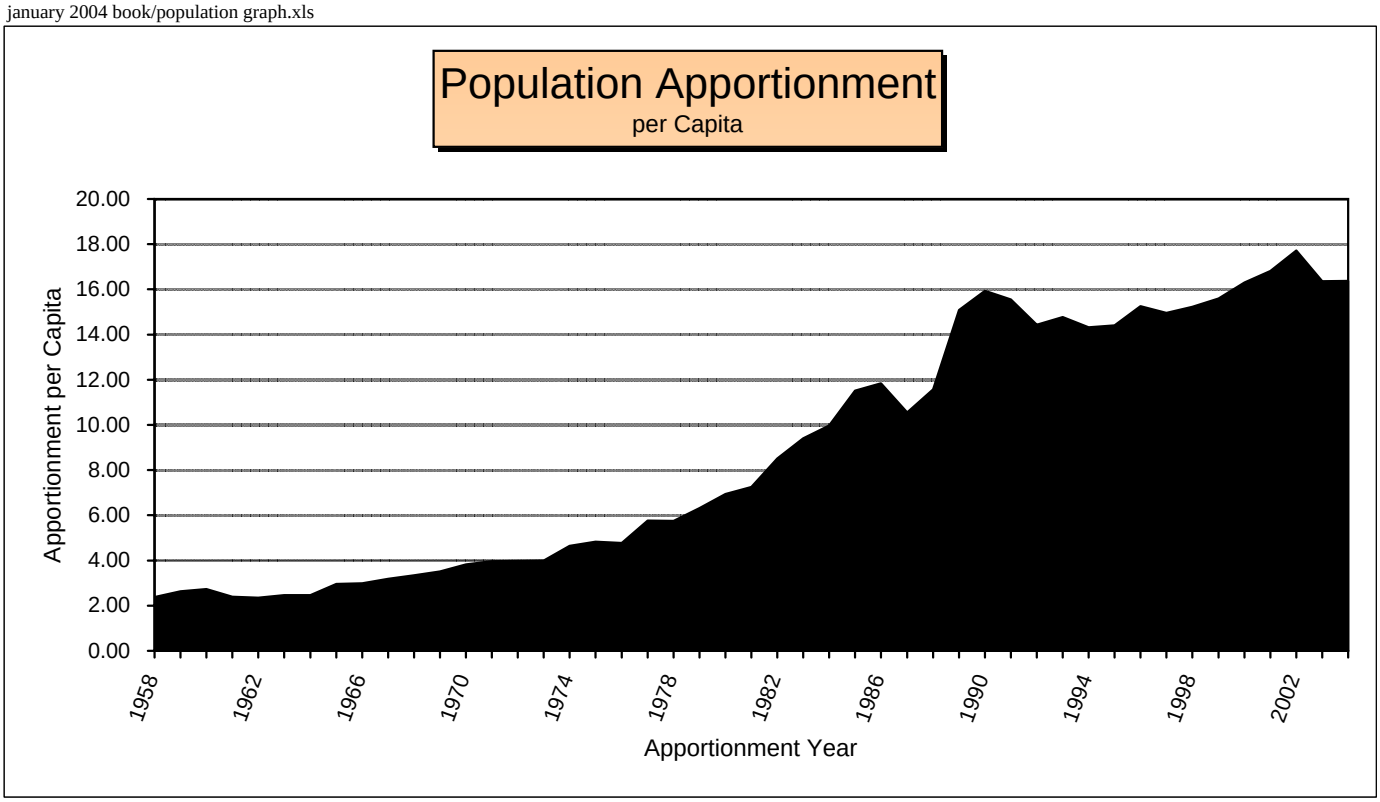
Municipality	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	2003 Apport. Using the 2000 Census	2004 Apport. Using 2000 Census or 02 Estimate	Difference Between 2003 & 04 Apport.	% Increase (Decrease)
Waite Park	6,644	6,690	$108,670	**$109,571**	$901	0.83%
Waseca	9,714	9,723	158,883	**159,247**	364	0.23%
West St. Paul	19,624	19,650	320,972	**321,835**	863	0.27%
White Bear Lake	24,606	24,651	402,458	**403,743**	1,285	0.32%
Willmar	18,550	18,512	303,405	**303,196**	(209)	-0.07%
Winona	27,100	27,069	443,251	**443,345**	94	0.02%
Woodbury	48,150	49,170	787,547	**805,323**	17,776	2.26%
Worthington	11,287	11,287	184,612	**184,862**	250	0.14%
TOTAL	**3,331,862**	**3,385,278**	**$54,496,232**	**$55,445,290**	**$949,058**	

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

2003	$54,496,232 / 3,331,862	Equals	$16.3561	Per person
2004	$55,445,290 / 3,385,278	Equals	$16.3784	Per person

The population difference between 2003 and 2004 for allocation purposes is 53,416.

january 2004 book/population graph.xls



Apport. Year	Pop Apport. per Capita	Percent Increase from 1958	Apport. Year	Pop Apport. per Capita	Percent Increase from 1958	Apport. Year	Pop Apport. per Capita	Percent Increase from 1958
1958	$2.38		1976	$4.77	100.42	1994	$14.32	501.68
1959	2.64	10.92	1977	5.77	142.44	1995	14.40	505.04
1960	2.73	14.71	1978	5.75	141.60	1996	15.25	540.76
1961	2.39	0.42	1979	6.32	165.55	1997	14.96	528.57
1962	2.35	-1.26	1980	6.94	191.60	1998	15.22	539.50
1963	2.46	3.36	1981	7.25	204.62	1999	15.59	555.04
1964	2.46	3.36	1982	8.51	257.56	2000	16.30	584.87
1965	2.96	24.37	1983	9.41	295.38	2001	16.82	606.72
1966	2.99	25.63	1984	9.97	318.91	2002	17.72	644.54
1967	3.19	34.03	1985	11.52	384.03	2003	16.36	587.39
1968	3.34	40.34	1986	11.84	397.48	2004	16.38	588.17
1969	3.51	47.48	1987	10.55	343.28			
1970	3.83	60.92	1988	11.57	386.13			
1971	3.96	66.39	1989	15.09	534.03			
1972	3.98	67.23	1990	15.93	569.33			
1973	4.00	68.07	1991	15.55	553.36			
1974	4.65	95.38	1992	14.44	506.72			
1975	4.83	102.94	1993	14.77	520.59			

Low in 1962 of $2.35 per capita
High in 2002 of $17.72 per capita

2004 MSAS CONSTRUCTION APPORTIONMENT NEEDS

The 25 year construction (money) needs shown in this report are computed from the 2003 Needs Study Update that is submitted by each urban municipality. Each city's total construction needs are computed from roadway, structure, and railroad data submitted by that city for their Municipal State Aid Street System. A number of adjustments are made to the actual construction needs as outlined by the Screening Board Resolutions and directed by the Screening Board. These adjusted construction needs are the result of adding or subtracting for the Unencumbered Construction Fund Balance, redistributing the excess balance to cities with a low balance, adding or subtracting for Bond Accounts, adding Non-existing Bridge "After the Fact Needs", adding Right-of-Way "After the Fact Needs", and adding or subtracting Individual Adjustments.

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. This tabulation shows each municipality's construction needs apportionment based on the amount of funds available to allocate.

This summary provides specific data and shows the impact of the adjustments to each municipality in establishing the 2004 Construction Needs Apportionment. The adjustments are listed individually in the section labeled as "Adjustments to the 25 Year Construction Needs".

2003 ADJUSTED CONSTRUCTION NEEDS

for January 2004 apportionment

N:\MSAS\EXCEL\2004\JANUARY 2004 BOOK\ADJUSTED CONSTRUCTION NEEDS 2003 (Old Book File A).XLS

Municipality	2003 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	Excess Balance Adjustment to Low Balance Incentive	(+ or -) Bond Account Adjustment	(+) Non-Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	One Time Positive Street Lighting Adjustment	(+ or -) Individual Adjustments	Total Affect Of Adjustments	2003 Adjusted Construction Needs
Albert Lea	$17,821,056	($333,765)	$96,210			$6,827			($230,728)	$17,590,328
Alexandria	11,898,679	(38,479)	64,237				$5,460		31,218	11,929,897
Andover	23,630,968	(1,212,531)		$2,479,500		152,490	171,600		1,591,059	25,222,027
Anoka	11,241,361	(343,576)	60,689			192,181			(90,706)	11,150,655
Apple Valley	32,422,325	(1,578,390)		750,000		103,229	141,180		(583,981)	31,838,344
Arden Hills	5,773,964	(248,209)					63,960		(184,249)	5,589,715
Austin	31,235,730	(912,914)				301,895			(611,019)	30,624,711
Baxter	8,104,431	(307,253)					80,340		(226,913)	7,877,518
Bemidji	9,819,401	75,964	53,012			276,323			405,299	10,224,700
Big Lake	5,426,049	0	29,294						29,294	5,455,343
Blaine	25,235,879	641,931	136,240			570,263	468,780		1,817,214	27,053,093
Bloomington	84,151,961	(2,151,138)			$1,263,411	11,468,001	52,260		10,632,534	94,784,495
Brainerd	9,876,860	0	53,322			567,219		($2,357,895)	(1,737,354)	8,139,506
Brooklyn Center	14,737,827	(375,733)	79,565	1,361,500		2,539,911			3,605,243	18,343,070
Brooklyn Park	25,576,879	1,262,592	138,081			725,843	45,240		2,171,756	27,748,635
Buffalo	14,666,031	(566,168)					208,260		(357,908)	14,308,123
Burnsville	35,799,788	1,041,705	193,272			863,599			2,098,576	37,898,364
Cambridge	7,100,737	0	38,335	396,142			44,460		478,937	7,579,674
Champlin	8,725,950	0	47,109			133,275	211,380		391,764	9,117,714
Chanhassen	14,247,338	(2,296,803)	(2,296,803)			65,000			(4,528,606)	9,718,732
Chaska	11,109,770	0	59,978		408,699	9,901			478,578	11,588,348
Chisholm	6,521,416	(595,607)							(595,607)	5,925,809
Cloquet	17,144,085	(700,498)		85,000					(615,498)	16,528,587
Columbia Heights	12,652,397	61,662	68,306			105,830			235,798	12,888,195
Coon Rapids	30,537,501	535,076	164,862		1,050,431	924,120	128,700		2,803,189	33,340,690
Corcoran	7,062,776	(226,015)				25,058			(200,957)	6,861,819
Cottage Grove	29,179,151	0	157,529		51,603	458,865	107,640		775,637	29,954,788
Crookston	19,134,256	(1,170,601)					11,700		(1,158,901)	17,975,355
Crystal	14,098,496	(723,876)				928,605			204,729	14,303,225
Detroit Lakes	9,611,718	(716,061)							(716,061)	8,895,657
Duluth	112,100,169	0	605,193			417,655	72,540		1,095,388	113,195,557
Eagan	23,754,270	0	128,242	497,500		416,954	81,900		1,124,596	24,878,866
East Bethel	21,490,027	(55,506)	116,018			25,200	191,880		277,592	21,767,619
East Grand Forks	13,138,684	89,462	70,932			121,700	39,000		321,094	13,459,778
Eden Prairie	42,727,789	(4,394,717)			336,529		24,180		(4,034,008)	38,693,781
Edina	31,742,297	(1,346,008)			1,107,123	415,100			176,215	31,918,512
Elk River	22,450,018	549,542	121,200			300,052	223,860		1,194,654	23,644,672
Fairmont	24,243,194	0	130,881			73,163	33,540		237,584	24,480,778
Falcon Heights	1,973,029	(91,226)							(91,226)	1,881,803
Faribault	24,789,897	0	133,833			273,000			406,833	25,196,730
Farmington	15,634,497	(839,996)				83,865	57,720		(698,411)	14,936,086
Fergus Falls	20,702,430	(811,554)				94,773	13,260		(703,521)	19,998,909

Municipality	2003 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	Excess Balance Adjustment to Low Balance Incentive	(+ or -) Bond Account Adjustment	(+) Non-Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	One Time Positive Street Lighting Adjustment	(+ or -) Individual Adjustments	Total Affect Of Adjustments	2003 Adjusted Construction Needs
Forest Lake	$21,211,689	($63,398)	$114,515			$72,816	$160,680		$284,613	$21,496,302
Fridley	12,529,120	(274,118)	67,641			95,081			(111,396)	12,417,724
Glencoe	6,472,998	214,218	34,946	$773,500			11,700		1,034,364	7,507,362
Golden Valley	18,514,383	(666,268)							(666,268)	17,848,115
Grand Rapids	11,280,031	25,320	60,897			6,436			92,653	11,372,684
Ham Lake	21,069,402	(779,883)				230,161	327,600		(222,122)	20,847,280
Hastings	11,676,497	274,101	63,038				100,620		437,759	12,114,256
Hermantown	11,714,362	(819,106)				211,100			(608,006)	11,106,356
Hibbing	39,623,878	286,277	213,917			196,525	21,060		717,779	40,341,657
Hopkins	9,665,381	0	52,180			1,000	5,460		58,640	9,724,021
Hugo	10,202,685	(561,539)				125,690	47,580		(388,269)	9,814,416
Hutchinson	14,517,163	0	78,374		$829,686	341,250	48,360		1,297,670	15,814,833
International Falls	6,845,845	(170,795)	36,959						(133,836)	6,712,009
Inver Grove Heights	21,998,216	(1,433,918)				530,332	182,520		(721,066)	21,277,150
La Crescent	5,830,085	(188,421)	31,475						(156,946)	5,673,139
Lake City	5,783,140	(276,292)					131,040		(145,252)	5,637,888
Lake Elmo	4,731,289	(63,316)	25,543			87,245	23,400		72,872	4,804,161
Lakeville	44,204,628	1,446,110	238,647	4,941,000	959,382	2,964,176	357,240		10,906,555	55,111,183
Lino Lakes	18,683,522	(958,854)				51,552	172,380		(734,922)	17,948,600
Litchfield	8,551,051	(881,258)							(881,258)	7,669,793
Little Canada	11,682,843	(785,619)							(785,619)	10,897,224
Little Falls	15,741,113	(526,608)				412,999	11,700		(101,909)	15,639,204
Mahtomedi	5,170,388	(172,474)	27,913						(144,561)	5,025,827
Mankato	28,374,738	0	153,186			209,796			362,982	28,737,720
Maple Grove	47,875,524	877,724	258,465	855,000	6,492,546	3,023,409	781,560	$645,000	12,933,704	60,809,228
Maplewood	32,536,605	854,146	175,655			54,771	65,520		1,150,092	33,686,697
Marshall	15,454,309	(1,538,905)	(1,538,905)			14,443	74,880		(2,988,487)	12,465,822
Mendota Heights	8,675,654	(189,968)	46,837			8,970	49,920		(84,241)	8,591,413
Minneapolis	298,060,853	(6,836,930)	1,609,136		1,918,503	4,851,172			1,541,881	299,602,734
Minnetonka	39,840,335	0	215,085			2,094,013	263,640		2,572,738	42,413,073
Montevideo	5,275,470	0	28,481			17,121			45,602	5,321,072
Monticello	7,372,120	(381,619)				149,510	38,220		(193,889)	7,178,231
Moorhead	32,620,371	(1,822,157)			1,149,085	484,589			(188,483)	32,431,888
Morris	5,648,453	401,133	30,494			10,500			442,127	6,090,580
Mound	8,689,606	(1,129,632)	(1,129,632)			1,309,579	17,940		(931,745)	7,757,861
Mounds View	9,139,781	(260,587)	49,343						(211,244)	8,928,537
New Brighton	9,782,099	131,136	52,810				32,760		216,706	9,998,805
New Hope	13,470,258	(474,963)	72,722			183,000			(219,241)	13,251,017
New Prague	1,670,654	0							0	1,670,654
New Ulm	17,794,037	(1,550,914)	96,064				124,800		(1,330,050)	16,463,987
North Branch	13,920,381	0	75,152	288,000					363,152	14,283,533
North Mankato	11,995,104	(114,399)	64,758	1,330,000					1,280,359	13,275,463
North St. Paul	8,369,222	(598,115)				91,135	31,980		(475,000)	7,894,222
Northfield	10,884,494	(7,797)	58,762						50,965	10,935,459
Oak Grove	14,069,394	0	75,956			129,294	281,580		486,830	14,556,224
Oakdale	8,159,172	1,000,000	44,049	96,024		664,083			1,804,156	9,963,328
Orono	13,626,614	(159,971)	73,566			41,351			(45,054)	13,581,560
Otsego	13,647,153	750,000	73,677			162,734	390,780		1,377,191	15,024,344
Owatonna	18,019,307	0	97,281			3,766			101,047	18,120,354

Municipality	2003 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	Excess Balance Adjustment to Low Balance Incentive	(+ or -) Bond Account Adjustment	(+) Non-Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	One Time Positive Street Lighting Adjustment	(+ or -) Individual Adjustments	Total Affect Of Adjustments	2003 Adjusted Construction Needs
Plymouth	$46,936,174	($3,318)	$253,393		$3,688,317	$202,411	$50,700		$4,191,503	$51,127,677
Prior Lake	14,550,365	101,844	78,553			281,658	416,520		878,575	15,428,940
Ramsey	18,182,766	(1,957,091)	(1,957,091)		357,631	98,548	63,180		(3,394,823)	14,787,943
Red Wing	21,842,434	1,000,000	117,920			457,717	273,000		1,848,637	23,691,071
Redwood Falls	8,130,716	402,846	43,895						446,741	8,577,457
Richfield	23,192,225	(218,921)	125,207			2,688,189	39,780		2,634,255	25,826,480
Robbinsdale	9,480,462	(1,502,146)	(1,502,146)					($1,477,845)	(4,482,137)	4,998,325
Rochester	57,364,965	(600,044)	309,695			2,956,452	205,920		2,872,023	60,236,988
Rogers	4,340,098	0							0	4,340,098
Rosemount	19,741,596	0	106,579	($535,000)			51,480		(376,941)	19,364,655
Roseville	21,284,654	(642,722)	114,909			368,730	139,620		(19,463)	21,265,191
Saint Anthony	5,899,464	152,954	31,849	950,000					1,134,803	7,034,267
Saint Cloud	49,796,801	(353,122)	268,837	(750,000)		2,322,404	221,520		1,709,639	51,506,440
Saint Francis	10,496,126	167,433	56,665				241,800	(816,000)	(350,102)	10,146,024
Saint Joseph	2,237,573	0					39,000		39,000	2,276,573
Saint Louis Park	30,328,566	(576,068)	163,734			521,530			109,196	30,437,762
Saint Michael	15,949,977	639,052	86,109			86,132	343,980		1,155,273	17,105,250
Saint Paul	228,519,561	0	1,233,704			12,343,085	337,740		13,914,529	242,434,090
Saint Paul Park	5,698,097	(986,399)							(986,399)	4,711,698
Saint Peter	14,628,799	(851,067)				26,182	24,960		(799,925)	13,828,874
Sartell	12,215,325	1,285,451	65,947	1,485,000		121,584	140,400		3,098,382	15,313,707
Sauk Rapids	14,546,061	(1,227,471)	(1,227,471)			37,569			(2,417,373)	12,128,688
Savage	16,658,943	68,846	89,936	1,896,888			331,500		2,387,170	19,046,113
Shakopee	15,971,915	0	86,227				469,560		555,787	16,527,702
Shoreview	8,892,813	750,000	48,009			25,232			823,241	9,716,054
Shorewood	7,986,362	(541,535)				30,274			(511,261)	7,475,101
South St. Paul	12,666,954	(513,276)							(513,276)	12,153,678
Spring Lake Park	2,723,593	(279,786)				188,005			(91,781)	2,631,812
Stewartville	4,206,388	(149,034)							(149,034)	4,057,354
Stillwater	11,547,022	(926,057)				19,061	14,040		(892,956)	10,654,066
Thief River Falls	17,922,972	(91,476)	96,760			90,089	49,140		144,513	18,067,485
Vadnais Heights	5,712,872	(14,463)	30,842				62,400		78,779	5,791,651
Virginia	14,107,706	(831,832)					21,840		(809,992)	13,297,714
Waconia	4,409,323	(432,603)							(432,603)	3,976,720
Waite Park	4,592,365	175,616	24,793			30,278			230,687	4,823,052
Waseca	6,260,592	(523,229)							(523,229)	5,737,363
West St. Paul	9,128,622	(710,161)							(710,161)	8,418,461
White Bear Lake	13,525,212	344,097	73,018			102,250	39,000		558,365	14,083,577
Willmar	19,831,917	(1,336,156)				297,616			(1,038,540)	18,793,377
Winona	17,713,391	(1,463,064)				7,500	28,860		(1,426,704)	16,286,687
Woodbury	41,427,628	1,235,612	223,655	4,589,700	1,664,032	7,811,015	122,460		15,646,474	57,074,102
Worthington	11,276,644	(1,222,050)	(1,222,050)			491			(2,443,609)	8,833,035
STATE TOTAL	$2,823,888,537	($46,835,689)	$0	$21,489,754	$21,276,978	$72,583,498	$9,962,160	($4,006,740)	$74,469,961	$2,898,358,498

2004 ADJUSTED CONSTRUCTION NEEDS APPORTIONMENT

Needs Value: $1,000 in construction needs = approximately $19.08 in apportionment

N:\MSAS\EXCEL\2004\JANUARY 2004 BOOK\ADJUSTED CONSTRUCTION NEEDS APPORTIONMENT 2004 (Old Book File B).XLS

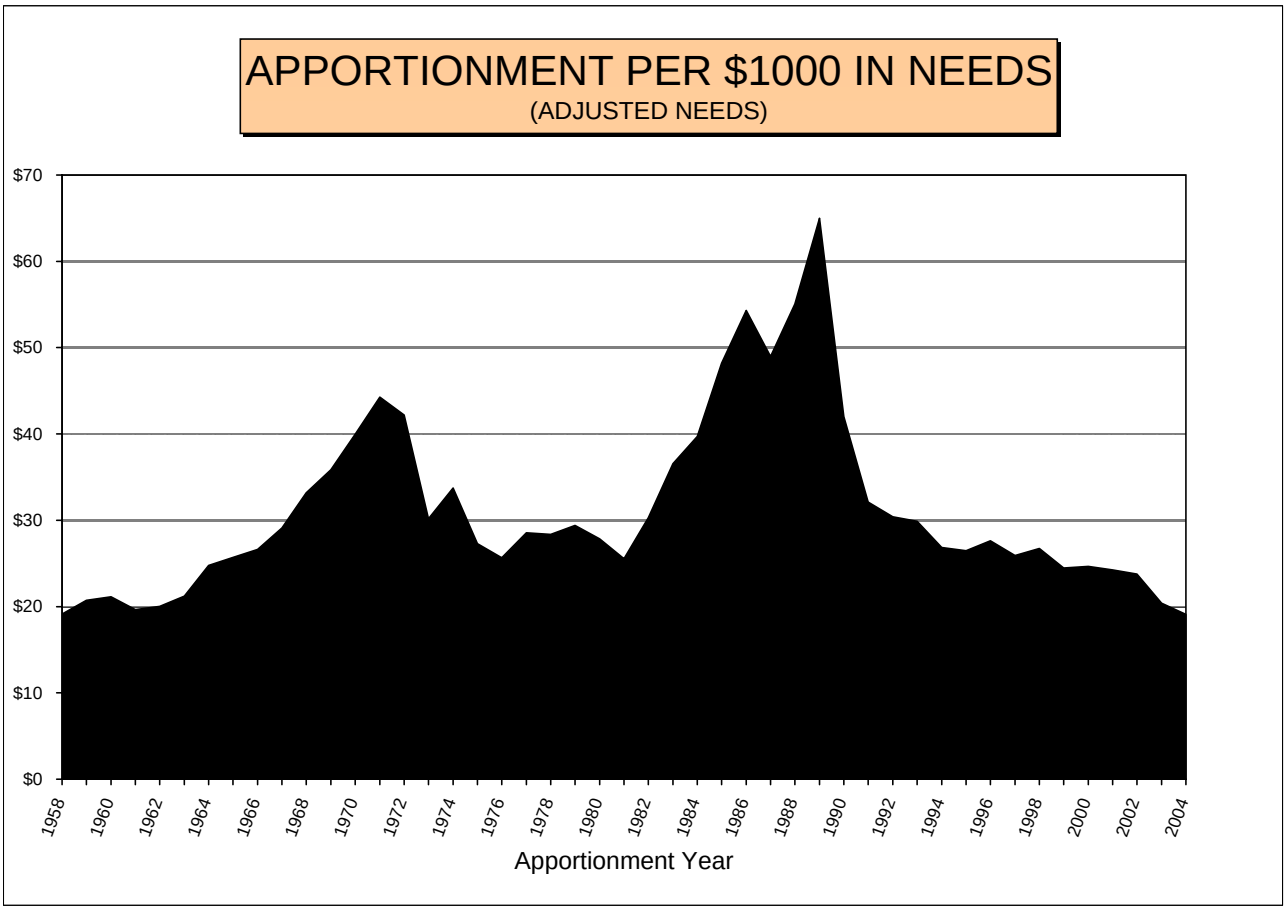
Municipality	2003 Adjusted Construction Needs	Construction Needs Apportion-ment Minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2004 Construction Needs Apportion-ment	% Of Total Dist.
Albert Lea	$17,590,328	$335,643		$335,643	0.6054
Alexandria	11,929,897	227,635		227,635	0.4106
Andover	25,222,027	481,264		481,264	0.8680
Anoka	11,150,655	212,767		212,767	0.3837
Apple Valley	31,838,344	607,510		607,510	1.0957
Arden Hills	5,589,715	106,658		106,658	0.1924
Austin	30,624,711	584,353		584,353	1.0539
Baxter	7,877,518	150,312		150,312	0.2711
Bemidji	10,224,700	195,098		195,098	0.3519
Big Lake	5,455,343	104,094		104,094	0.1877
Blaine	27,053,093	516,202		516,202	0.9310
Bloomington	94,784,495	1,808,591		1,808,591	3.2619
Brainerd	8,139,506	155,311		155,311	0.2801
Brooklyn Center	18,343,070	350,006		350,006	0.6313
Brooklyn Park	27,748,635	529,474		529,474	0.9549
Buffalo	14,308,123	273,015		273,015	0.4924
Burnsville	37,898,364	723,142		723,142	1.3042
Cambridge	7,579,674	144,628	$13,392	158,020	0.2850
Champlin	9,117,714	173,976		173,976	0.3138
Chanhassen	9,718,732	185,444	4,320	189,764	0.3423
Chaska	11,588,348	221,118		221,118	0.3988
Chisholm	5,925,809	113,071		113,071	0.2039
Cloquet	16,528,587	315,383		315,383	0.5688
Columbia Heights	12,888,195	245,921		245,921	0.4435
Coon Rapids	33,340,690	636,177		636,177	1.1474
Corcoran	6,861,819	130,931		130,931	0.2361
Cottage Grove	29,954,788	571,570		571,570	1.0309
Crookston	17,975,355	342,989		342,989	0.6186
Crystal	14,303,225	272,921		272,921	0.4922
Detroit Lakes	8,895,657	169,739		169,739	0.3061
Duluth	113,195,557	2,159,894	70,056	2,229,950	4.0219
Eagan	24,878,866	474,716		474,716	0.8562
East Bethel	21,767,619	415,350		415,350	0.7491
East Grand Forks	13,459,778	256,827		256,827	0.4632
Eden Prairie	38,693,781	738,319		738,319	1.3316
Edina	31,918,512	609,040		609,040	1.0985
Elk River	23,644,672	451,166		451,166	0.8137
Fairmont	24,480,778	467,120		467,120	0.8425
Falcon Heights	1,881,803	35,907		35,907	0.0648
Faribault	25,196,730	480,781		480,781	0.8671
Farmington	14,936,086	284,997		284,997	0.5140
Fergus Falls	19,998,909	381,601	28,152	409,753	0.7390
Forest Lake	21,496,302	410,173		410,173	0.7398
Fridley	12,417,724	236,944		236,944	0.4273
Glencoe	7,507,362	143,249		143,249	0.2584
Golden Valley	17,848,115	340,561		340,561	0.6142
Grand Rapids	11,372,684	217,003		217,003	0.3914

Municipality	2003 Adjusted Construction Needs	Construction Needs Apportion-ment Minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2004 Construction Needs Apportion-ment	% Of Total Dist.
Ham Lake	$20,847,280	$397,789		$397,789	0.7174
Hastings	12,114,256	231,153		231,153	0.4169
Hermantown	11,106,356	211,921		211,921	0.3822
Hibbing	40,341,657	769,763		769,763	1.3883
Hopkins	9,724,021	185,545		185,545	0.3346
Hugo	9,814,416	187,270		187,270	0.3378
Hutchinson	15,814,833	301,764		301,764	0.5443
International Falls	6,712,009	128,072		128,072	0.2310
Inver Grove Heights	21,277,150	405,991		405,991	0.7322
La Crescent	5,673,139	108,250		108,250	0.1952
Lake City	5,637,888	107,577		107,577	0.1940
Lake Elmo	4,804,161	91,669		91,669	0.1653
Lakeville	55,111,183	1,051,581		1,051,581	1.8966
Lino Lakes	17,948,600	342,479	$2,016	344,495	0.6213
Litchfield	7,669,793	146,348		146,348	0.2640
Little Canada	10,897,224	207,931		207,931	0.3750
Little Falls	15,639,204	298,413		298,413	0.5382
Mahtomedi	5,025,827	95,898		95,898	0.1730
Mankato	28,737,720	548,347		548,347	0.9890
Maple Grove	60,809,228	1,160,306		1,160,306	2.0927
Maplewood	33,686,697	642,779		642,779	1.1593
Marshall	12,465,822	237,861		237,861	0.4290
Mendota Heights	8,591,413	163,934		163,934	0.2957
Minneapolis	299,602,734	5,716,746		5,716,746	10.3106
Minnetonka	42,413,073	809,288		809,288	1.4596
Montevideo	5,321,072	101,532		101,532	0.1831
Monticello	7,178,231	136,968		136,968	0.2470
Moorhead	32,431,888	618,836		618,836	1.1161
Morris	6,090,580	116,215		116,215	0.2096
Mound	7,757,861	148,028		148,028	0.2670
Mounds View	8,928,537	170,366		170,366	0.3073
New Brighton	9,998,805	190,788		190,788	0.3441
New Hope	13,251,017	252,844		252,844	0.4560
New Prague	1,670,654	31,878		31,878	0.0575
New Ulm	16,463,987	314,151		314,151	0.5666
North Branch	14,283,533	272,545		272,545	0.4916
North Mankato	13,275,463	253,310		253,310	0.4569
North St. Paul	7,894,222	150,630		150,630	0.2717
Northfield	10,935,459	208,660		208,660	0.3763
Oak Grove	14,556,224	277,749		277,749	0.5009
Oakdale	9,963,328	190,111		190,111	0.3429
Orono	13,581,560	259,151		259,151	0.4674
Otsego	15,024,344	286,681		286,681	0.5171
Owatonna	18,120,354	345,756		345,756	0.6236
Plymouth	51,127,677	975,572		975,572	1.7595
Prior Lake	15,428,940	294,401		294,401	0.5310
Ramsey	14,787,943	282,170		282,170	0.5089
Red Wing	23,691,071	452,051		452,051	0.8153
Redwood Falls	8,577,457	163,667		163,667	0.2952
Richfield	25,826,480	492,797		492,797	0.8888
Robbinsdale	4,998,325	95,373		95,373	0.1720
Rochester	60,236,988	1,149,387		1,149,387	2.0730
Rogers	4,340,098	82,814		82,814	0.1494
Rosemount	19,364,655	369,499		369,499	0.6664
Roseville	21,265,191	405,763		405,763	0.7318

Municipality	2003 Adjusted Construction Needs	Construction Needs Apportion-ment Minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2004 Construction Needs Apportion-ment	% Of Total Dist.
Saint Anthony	$7,034,267	$134,221		$134,221	0.2421
Saint Cloud	51,506,440	982,799	$4,968	987,767	1.7815
Saint Francis	10,146,024	193,597		193,597	0.3492
Saint Joseph	2,276,573	43,439		43,439	0.0783
Saint Louis Park	30,437,762	580,786		580,786	1.0475
Saint Michael	17,105,250	326,387		326,387	0.5887
Saint Paul	242,434,090	4,625,906		4,625,906	8.3432
Saint Paul Park	4,711,698	89,904		89,904	0.1621
Saint Peter	13,828,874	263,870		263,870	0.4759
Sartell	15,313,707	292,202		292,202	0.5270
Sauk Rapids	12,128,688	231,429		231,429	0.4174
Savage	19,046,113	363,421		363,421	0.6555
Shakopee	16,527,702	315,367	552	315,919	0.5698
Shoreview	9,716,054	185,393		185,393	0.3344
Shorewood	7,475,101	142,633		142,633	0.2572
South St. Paul	12,153,678	231,905		231,905	0.4183
Spring Lake Park	2,631,812	50,218		50,218	0.0906
Stewartville	4,057,354	77,419		77,419	0.1396
Stillwater	10,654,066	203,291		203,291	0.3667
Thief River Falls	18,067,485	344,747		344,747	0.6218
Vadnais Heights	5,791,651	110,511		110,511	0.1993
Virginia	13,297,714	253,735	18,000	271,735	0.4901
Waconia	3,976,720	75,880		75,880	0.1369
Waite Park	4,823,052	92,029		92,029	0.1660
Waseca	5,737,363	109,475		109,475	0.1974
West St. Paul	8,418,461	160,633		160,633	0.2897
White Bear Lake	14,083,577	268,730		268,730	0.4847
Willmar	18,793,377	358,598		358,598	0.6468
Winona	16,286,687	310,769		310,769	0.5605
Woodbury	57,074,102	1,089,037		1,089,037	1.9642
Worthington	8,833,035	168,545		168,545	0.3040
STATE TOTAL	$2,898,358,498	$55,303,835	$141,456	$55,445,291	100.0000

Construction Needs Apportionment = $55,303,835 / $2,898,358,498 = 0.0190811

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



Apport. Year	Const. Needs Apport. per $1000 of Adjusted Const. Needs	Percent Increase from 1958	Apport. Year	Const. Needs Apport. per $1000 of Adjusted Const. Needs	Percent Increase from 1958	Apport. Year	Const. Needs Apport. per $1000 of Adjusted Const. Needs	Percent Increase from 1958
1958	$19.14		1976	$25.67	34.12	1994	$26.83	40.19
1959	20.71	8.23	1977	28.54	49.14	1995	26.46	38.28
1960	21.14	10.48	1978	28.38	48.30	1996	27.63	44.37
1961	19.64	2.64	1979	29.42	53.73	1997	25.91	35.42
1962	20.02	4.63	1980	27.86	45.59	1998	26.73	39.68
1963	21.21	10.85	1981	25.54	33.49	1999	24.47	27.87
1964	24.76	29.40	1982	30.30	58.33	2000	24.64	28.76
1965	25.71	34.34	1983	36.55	91.00	2001	24.26	26.77
1966	26.63	39.15	1984	39.70	107.47	2002	23.77	24.21
1967	29.10	52.06	1985	48.20	151.87	2003	20.39	6.55
1968	33.20	73.47	1986	54.30	183.76	2004	19.08	-0.29
1969	35.87	87.42	1987	48.97	155.92			
1970	39.96	108.80	1988	55.06	187.72			
1971	44.27	131.34	1989	64.98	239.55			
1972	42.21	120.57	1990	41.99	119.43			
1973	30.17	57.66	1991	32.11	67.77			
1974	33.76	76.40	1992	30.41	58.94			
1975	27.28	42.58	1993	29.89	56.20			

Minimum of $19.08 in 2004
Maximum of $64.98 in 1989

COMPARISON OF 2003 to 2004
CONSTRUCTION NEEDS APPORTIONMENT

N:\MSAS\EXCEL\JANUARY 2004 BOOK\COMPARISON OF 2003 TO 2004 CONST NEEDS APPORT.XLS 23-Jan-04

Municipality	2003 Construction Needs Apportionment	2004 Construction Needs Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	$328,725	$335,643	**$6,918**	2.1045
Alexandria	221,744	227,635	**5,891**	2.6567
Andover	506,247	481,264	**(24,983)**	(4.9349)
Anoka	216,128	212,767	**(3,361)**	(1.5551)
Apple Valley	634,473	607,510	**(26,963)**	(4.2497)
Arden Hills	95,151	106,658	**11,507**	12.0934
Austin	587,937	584,353	**(3,584)**	(0.6096)
Baxter	154,825	150,312	**(4,513)**	(2.9149)
Bemidji	211,374	195,098	**(16,276)**	(7.7001)
Big Lake	134,764	104,094	**(30,670)**	(22.7583)
Blaine	525,081	516,202	**(8,879)**	(1.6910)
Bloomington	1,789,182	1,808,591	**19,409**	1.0848
Brainerd	252,463	155,311	**(97,152)**	(38.4817)
Brooklyn Center	407,791	350,006	**(57,785)**	(14.1702)
Brooklyn Park	592,365	529,474	**(62,891)**	(10.6169)
Buffalo	266,339	273,015	**6,676**	2.5066
Burnsville	726,982	723,142	**(3,840)**	(0.5282)
Cambridge	159,261	158,020	**(1,241)**	(0.7792)
Champlin	138,872	173,976	**35,104**	25.2780
Chanhassen	246,015	189,764	**(56,251)**	(22.8649)
Chaska	217,284	221,118	**3,834**	1.7645
Chisholm	119,850	113,071	**(6,779)**	(5.6562)
Cloquet	310,921	315,383	**4,462**	1.4351
Columbia Heights	250,930	245,921	**(5,009)**	(1.9962)
Coon Rapids	640,416	636,177	**(4,239)**	(0.6619)
Corcoran	139,414	130,931	**(8,483)**	(6.0848)
Cottage Grove	507,710	571,570	**63,860**	12.5780
Crookston	376,448	342,989	**(33,459)**	(8.8881)
Crystal	308,701	272,921	**(35,780)**	(11.5905)
Detroit Lakes	157,357	169,739	**12,382**	7.8687
Duluth	2,263,309	2,229,950	**(33,359)**	(1.4739)
Eagan	467,796	474,716	**6,920**	1.4793
East Bethel	253,645	415,350	**161,705**	63.7525
East Grand Forks	238,456	256,827	**18,371**	7.7041
Eden Prairie	715,689	738,319	**22,630**	3.1620
Edina	590,253	609,040	**18,787**	3.1829
Elk River	443,249	451,166	**7,917**	1.7861
Fairmont	465,962	467,120	**1,158**	0.2485
Falcon Heights	31,738	35,907	**4,169**	13.1357
Faribault	496,420	480,781	**(15,639)**	(3.1504)
Farmington	303601	284,997	**(18604)**	(6.1278)
Fergus Falls	394,473	409,753	**15,280**	3.8735
Forest Lake	380,702	410,173	**29,471**	7.7412
Fridley	230,583	236,944	**6,361**	2.7587

Municipality	2003 Construction Needs Apportionment	2004 Construction Needs Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Glencoe	$143,557	$143,249	**($308)**	(0.2145)
Golden Valley	390,260	340,561	**(49,699)**	(12.7348)
Grand Rapids	214,845	217,003	**2,158**	1.0044
Ham Lake	385,826	397,789	**11,963**	3.1006
Hastings	239,400	231,153	**(8,247)**	(3.4449)
Hermantown	226,788	211,921	**(14,867)**	(6.5555)
Hibbing	684,141	769,763	**85,622**	12.5153
Hopkins	182,689	185,545	**2,856**	1.5633
Hugo	197,836	187,270	**(10,566)**	(5.3408)
Hutchinson	302,479	301,764	**(715)**	(0.2364)
International Falls	135,058	128,072	**(6,986)**	(5.1726)
Inver Grove Heights	415,136	405,991	**(9,145)**	(2.2029)
La Crescent	114,918	108,250	**(6,668)**	(5.8024)
Lake City	97,003	107,577	**10,574**	10.9007
Lake Elmo	94,915	91,669	**(3,246)**	(3.4199)
Lakeville	1,030,379	1,051,581	**21,202**	2.0577
Lino Lakes	334,180	344,495	**10,315**	3.0867
Litchfield	149,363	146,348	**(3,015)**	(2.0186)
Little Canada	219,332	207,931	**(11,401)**	(5.1981)
Little Falls	295,895	298,413	**2,518**	0.8510
Mahtomedi	102,341	95,898	**(6,443)**	(6.2956)
Mankato	540,977	548,347	**7,370**	1.3623
Maple Grove	1,108,599	1,160,306	**51,707**	4.6642
Maplewood	669,178	642,779	**(26,399)**	(3.9450)
Marshall	279,555	237,861	**(41,694)**	(14.9144)
Mendota Heights	148,821	163,934	**15,113**	10.1552
Minneapolis	5,249,299	5,716,746	**467,447**	8.9049
Minnetonka	819,999	809,288	**(10,711)**	(1.3062)
Montevideo	95,602	101,532	**5,930**	6.2028
Monticello	133,341	136,968	**3,627**	2.7201
Moorhead	622,351	618,836	**(3,515)**	(0.5648)
Morris	93,459	116,215	**22,756**	24.3486
Mound	179,314	148,028	**(31,286)**	(17.4476)
Mounds View	181,925	170,366	**(11,559)**	(6.3537)
New Brighton	194,875	190,788	**(4,087)**	(2.0972)
New Hope	291,278	252,844	**(38,434)**	(13.1950)
New Prague	0	31,878	**31,878**	
New Ulm	323,949	314,151	**(9,798)**	(3.0246)
North Branch	258,191	272,545	**14,354**	5.5595
North Mankato	264,225	253,310	**(10,915)**	(4.1309)
North Saint Paul	149,578	150,630	**1,052**	0.7033
Northfield	202,558	208,660	**6,102**	3.0125
Oak Grove	148,216	277,749	**129,533**	87.3947
Oakdale	208,224	190,111	**(18,113)**	(8.6988)
Orono	256,734	259,151	**2,417**	0.9414
Otsego	221,661	286,681	**65,020**	29.3331
Owatonna	343,424	345,756	**2,332**	0.6790
Plymouth	941,052	975,572	**34,520**	3.6682
Prior Lake	228,305	294,401	**66,096**	28.9507

Municipality	2003 Construction Needs Apportionment	2004 Construction Needs Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Ramsey	$365,115	$282,170	**($82,945)**	(22.7175)
Red Wing	438,747	452,051	**13,304**	3.0323
Redwood Falls	142,232	163,667	**21,435**	15.0704
Richfield	513,051	492,797	**(20,254)**	(3.9478)
Robbinsdale	116,401	95,373	**(21,028)**	(18.0651)
Rochester	1,136,387	1,149,387	**13,000**	1.1440
Rogers	0	82,814	**82,814**	
Rosemount	327,865	369,499	**41,634**	12.6985
Roseville	413,502	405,763	**(7,739)**	(1.8716)
Saint Anthony	113,240	134,221	**20,981**	18.5279
Saint Cloud	970,999	987,767	**16,768**	1.7269
Saint Francis	232,962	193,597	**(39,365)**	(16.8976)
Saint Joseph	0	43,439	**43,439**	
Saint Louis Park	581,203	580,786	**(417)**	(0.0717)
Saint Michael	238,563	326,387	**87,824**	36.8138
Saint Paul	4,516,122	4,625,906	**109,784**	2.4309
Saint Paul Park	95,743	89,904	**(5,839)**	(6.0986)
Saint Peter	252,397	263,870	**11,473**	4.5456
Sartell	235,169	292,202	**57,033**	24.2519
Sauk Rapids	146,667	231,429	**84,762**	57.7921
Savage	338,764	363,421	**24,657**	7.2785
Shakopee	354,596	315,919	**(38,677)**	(10.9073)
Shoreview	168,263	185,393	**17,130**	10.1805
Shorewood	119,110	142,633	**23,523**	19.7490
South Saint Paul	243,193	231,905	**(11,288)**	(4.6416)
Spring Lake Park	54,340	50,218	**(4,122)**	(7.5856)
Stewartville	82,695	77,419	**(5,276)**	(6.3801)
Stillwater	192,493	203,291	**10,798**	5.6096
Thief River Falls	361,673	344,747	**(16,926)**	(4.6799)
Vadnais Heights	111,401	110,511	**(890)**	(0.7989)
Virginia	278,305	271,735	**(6,570)**	(2.3607)
Waconia	76,073	75,880	**(193)**	(0.2537)
Waite Park	79,623	92,029	**12,406**	15.5809
Waseca	116,039	109,475	**(6,564)**	(5.6567)
West St. Paul	158,490	160,633	**2,143**	1.3521
White Bear Lake	259,407	268,730	**9,323**	3.5940
Willmar	334,059	358,598	**24,539**	7.3457
Winona	326,495	310,769	**(15,726)**	(4.8166)
Woodbury	1,065,740	1,089,037	**23,297**	2.1860
Worthington	198,734	168,545	**(30,189)**	(15.1907)
TOTAL	**$54,367,515**	**$55,445,291**	**$1,077,776**	**1.9824**

2004 M.S.A.S. TOTAL APPORTIONMENT

Total Apportionment 2004.xls 23-Jan-04

Municipality	Population Apportionment	Construction Needs Apportionment	2004 Total Apportionment	Distribution Percentage
Albert Lea	$300,805	$335,643	$636,448	0.5739
Alexandria	161,753	227,635	389,388	0.3511
Andover	469,469	481,264	950,733	0.8574
Anoka	296,792	212,767	509,559	0.4595
Apple Valley	782,247	607,510	1,389,757	1.2533
Arden Hills	158,215	106,658	264,873	0.2389
Austin	387,676	584,353	972,029	0.8766
Baxter	100,334	150,312	250,646	0.2260
Bemidji	207,776	195,098	402,874	0.3633
Big Lake	119,120	104,094	223,214	0.2013
Blaine	787,340	516,202	1,303,542	1.1755
Bloomington	1,398,712	1,808,591	3,207,303	2.8923
Brainerd	223,810	155,311	379,121	0.3419
Brooklyn Center	477,970	350,006	827,976	0.7467
Brooklyn Park	1,123,555	529,474	1,653,029	1.4907
Buffalo	187,074	273,015	460,089	0.4149
Burnsville	997,442	723,142	1,720,584	1.5516
Cambridge	95,748	158,020	253,768	0.2288
Champlin	370,478	173,976	544,454	0.4910
Chanhassen	349,596	189,764	539,360	0.4864
Chaska	310,550	221,118	531,668	0.4795
Chisholm	81,892	113,071	194,963	0.1758
Cloquet	186,353	315,383	501,736	0.4525
Columbia Heights	306,243	245,921	552,164	0.4979
Coon Rapids	1,018,357	636,177	1,654,534	1.4920
Corcoran	94,945	130,931	225,876	0.2037
Cottage Grove	507,467	571,570	1,079,037	0.9731
Crookston	134,171	342,989	477,160	0.4303
Crystal	374,082	272,921	647,003	0.5835
Dayton	0	0	0	0.0000
Detroit Lakes	123,886	169,739	293,625	0.2648
Duluth	1,413,763	2,229,950	3,643,713	3.2859
Eagan	1,059,680	474,716	1,534,396	1.3837
East Bethel	183,405	415,350	598,755	0.5400
East Grand Forks	123,968	256,827	380,795	0.3434
Eden Prairie	933,566	738,319	1,671,885	1.5077
Edina	779,118	609,040	1,388,158	1.2518
Elk River	296,153	451,166	747,319	0.6739
Fairmont	178,344	467,120	645,464	0.5821
Falcon Heights	91,391	35,907	127,298	0.1148
Faribault	351,758	480,781	832,539	0.7508
Farmington	233,473	284,997	518,470	0.4676

Municipality	Population Apportionment	Construction Needs Apportionment	2004 Total Apportionment	Distribution Percentage
Fergus Falls	**$224,433**	**$409,753**	**$634,186**	0.5719
Forest Lake	**247,199**	**410,173**	**657,372**	0.5928
Fridley	**449,750**	**236,944**	**686,694**	0.6193
Glencoe	**90,884**	**143,249**	**234,133**	0.2111
Golden Valley	**337,984**	**340,561**	**678,545**	0.6119
Grand Rapids	**135,285**	**217,003**	**352,288**	0.3177
Ham Lake	**222,009**	**397,789**	**619,798**	0.5589
Hastings	**314,497**	**231,153**	**545,650**	0.4921
Hermantown	**133,942**	**211,921**	**345,863**	0.3119
Hibbing	**279,595**	**769,763**	**1,049,358**	0.9463
Hopkins	**287,588**	**185,545**	**473,133**	0.4267
Hugo	**129,389**	**187,270**	**316,659**	0.2856
Hutchinson	**219,585**	**301,764**	**521,349**	0.4701
International Falls	**109,850**	**128,072**	**237,922**	0.2146
Inver Grove Heights	**502,947**	**405,991**	**908,938**	0.8197
La Crescent	**82,334**	**108,250**	**190,584**	0.1719
Lake City	**84,398**	**107,577**	**191,975**	0.1731
Lake Elmo	**120,987**	**91,669**	**212,656**	0.1918
Lakeville	**758,072**	**1,051,581**	**1,809,653**	1.6319
Lino Lakes	**293,860**	**344,495**	**638,355**	0.5757
Litchfield	**108,801**	**146,348**	**255,149**	0.2301
Little Canada	**160,917**	**207,931**	**368,848**	0.3326
Little Falls	**134,483**	**298,413**	**432,896**	0.3904
Mahtomedi	**131,518**	**95,898**	**227,416**	0.2051
Mankato	**546,447**	**548,347**	**1,094,794**	0.9873
Maple Grove	**884,480**	**1,160,306**	**2,044,786**	1.8440
Maplewood	**588,163**	**642,779**	**1,230,942**	1.1101
Marshall	**209,283**	**237,861**	**447,144**	0.4032
Mendota Heights	**189,989**	**163,934**	**353,923**	0.3192
Minneapolis	**6,270,110**	**5,716,746**	**11,986,856**	10.8096
Minnetonka	**842,503**	**809,288**	**1,651,791**	1.4896
Montevideo	**89,819**	**101,532**	**191,351**	0.1726
Monticello	**153,088**	**136,968**	**290,056**	0.2616
Moorhead	**533,476**	**618,836**	**1,152,312**	1.0391
Morris	**85,282**	**116,215**	**201,497**	0.1817
Mound	**154,939**	**148,028**	**302,967**	0.2732
Mounds View	**209,643**	**170,366**	**380,009**	0.3427
New Brighton	**364,582**	**190,788**	**555,370**	0.5008
New Hope	**342,471**	**252,844**	**595,315**	0.5368
New Prague	**82,203**	**31,878**	**114,081**	0.1029
New Ulm	**222,647**	**314,151**	**536,798**	0.4841
North Branch	**147,045**	**272,545**	**419,590**	0.3784
North Mankato	**199,947**	**253,310**	**453,257**	0.4087
North St. Paul	**195,869**	**150,630**	**346,499**	0.3125
Northfield	**292,288**	**208,660**	**500,948**	0.4517
Oak Grove	**116,123**	**277,749**	**393,872**	0.3552
Oakdale	**450,405**	**190,111**	**640,516**	0.5776

Municipality	Population Apportionment	Construction Needs Apportionment	2004 Total Apportionment	Distribution Percentage
Orono	$124,885	$259,151	$384,036	0.3463
Otsego	134,466	286,681	421,147	0.3798
Owatonna	378,045	345,756	723,801	0.6527
Plymouth	1,110,846	975,572	2,086,418	1.8815
Prior Lake	281,151	294,401	575,552	0.5190
Ramsey	308,404	282,170	590,574	0.5326
Red Wing	266,459	452,051	718,510	0.6479
Redwood Falls	89,409	163,667	253,076	0.2282
Richfield	564,169	492,797	1,056,966	0.9532
Robbinsdale	231,312	95,373	326,685	0.2946
Rochester	1,495,115	1,149,387	2,644,502	2.3848
Rogers	82,056	82,814	164,870	0.1487
Rosemount	263,855	369,499	633,354	0.5712
Roseville	558,502	405,763	964,265	0.8696
St. Anthony	132,697	134,221	266,918	0.2407
St. Cloud	1,004,419	987,767	1,992,186	1.7965
St. Francis	93,029	193,597	286,626	0.2585
St. Joseph	82,285	43,439	125,724	0.1134
St. Louis Park	732,833	580,786	1,313,619	1.1846
St. Michael	183,388	326,387	509,775	0.4597
St. Paul	4,711,873	4,625,906	9,337,779	8.4207
St. Paul Park	83,448	89,904	173,352	0.1563
St. Peter	163,440	263,870	427,310	0.3853
Sartell	179,556	292,202	471,758	0.4254
Sauk Rapids	187,090	231,429	418,519	0.3774
Savage	380,305	363,421	743,726	0.6707
Shakopee	391,492	315,919	707,411	0.6379
Shoreview	433,666	185,393	619,059	0.5583
Shorewood	124,312	142,633	266,945	0.2407
South St. Paul	332,694	231,905	564,599	0.5091
Spring Lake Park	111,782	50,218	162,000	0.1461
Stewartville	90,998	77,419	168,417	0.1519
Stillwater	266,787	203,291	470,078	0.4239
Thief River Falls	138,348	344,747	483,095	0.4357
Vadnais Heights	217,013	110,511	327,524	0.2954
Virginia	149,977	271,735	421,712	0.3803
Waconia	124,476	75,880	200,356	0.1807
Waite Park	109,571	92,029	201,600	0.1818
Waseca	159,247	109,475	268,722	0.2423
West St. Paul	321,835	160,633	482,468	0.4351
White Bear Lake	403,743	268,730	672,473	0.6064
Willmar	303,196	358,598	661,794	0.5968
Winona	443,345	310,769	754,114	0.6801
Woodbury	805,323	1,089,037	1,894,360	1.7083
Worthington	184,862	168,545	353,407	0.3187
TOTAL	**$55,445,290**	**$55,445,291**	**$110,890,581**	100.0000

COMPARISON OF THE 2003 TO 2004 TOTAL APPORTIONMENT

N:\MSAS\Excel\January 2004 Book\Comparison fo the 2003 to 2004 Apportionment 1/23/2004

Municipality	2003 Total Apportionment	2004 Total Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	$629,219	$636,448	$7,229	1.1489
Alexandria	372,989	389,388	16,399	4.3966
Andover	955,156	950,733	(4,423)	(0.4631)
Anoka	511,977	509,559	(2,418)	(0.4723)
Apple Valley	1,396,667	1,389,757	(6,910)	(0.4947)
Arden Hills	253,151	264,873	11,722	4.6304
Austin	970,277	972,029	1,752	0.1806
Baxter	250,017	250,646	629	0.2516
Bemidji	408,874	402,874	(6,000)	(1.4674)
Big Lake	247,539	223,214	(24,325)	(9.8267)
Blaine	1,277,461	1,303,542	26,081	2.0416
Bloomington	3,184,111	3,207,303	23,192	0.7284
Brainerd	475,560	379,121	(96,439)	(20.2790)
Brooklyn Center	885,062	827,976	(57,086)	(6.4499)
Brooklyn Park	1,705,724	1,653,029	(52,695)	(3.0893)
Buffalo	443,770	460,089	16,319	3.6774
Burnsville	1,715,446	1,720,584	5,138	0.2995
Cambridge	252,736	253,768	1,032	0.4083
Champlin	506,590	544,454	37,864	7.4743
Chanhassen	591,128	539,360	(51,768)	(8.7575)
Chaska	517,909	531,668	13,759	2.6566
Chisholm	201,630	194,963	(6,667)	(3.3066)
Cloquet	496,890	501,736	4,846	0.9753
Columbia Heights	553,992	552,164	(1,828)	(0.3300)
Coon Rapids	1,651,222	1,654,534	3,312	0.2006
Corcoran	232,071	225,876	(6,195)	(2.6694)
Cottage Grove	1,010,709	1,079,037	68,328	6.7604
Crookston	510,437	477,160	(33,277)	(6.5193)
Crystal	680,769	647,003	(33,766)	(4.9600)
Dayton	210,497	0	(210,497)	(100.0000)
Detroit Lakes	279,750	293,625	13,875	4.9598
Duluth	3,675,150	3,643,713	(31,437)	(0.8554)
Eagan	1,519,493	1,534,396	14,903	0.9808
East Bethel	434,854	598,755	163,901	37.6910
East Grand Forks	361,699	380,795	19,096	5.2795
Eden Prairie	1,626,069	1,671,885	45,816	2.8176
Edina	1,366,595	1,388,158	21,563	1.5779
Elk River	727,518	747,319	19,801	2.7217
Fairmont	645,012	645,464	452	0.0701
Falcon Heights	123,005	127,298	4,293	3.4901
Faribault	842,629	832,539	(10,090)	(1.1974)
Farmington	520,794	518,470	(2,324)	(0.4462)
Fergus Falls	617,652	634,186	16,534	2.6769
Forest Lake	621,447	657,372	35,925	5.7809
Fridley	679,868	686,694	6,826	1.0040
Glencoe	233,810	234,133	323	0.1381
Golden Valley	723,777	678,545	(45,232)	(6.2494)
Grand Rapids	343,927	352,288	8,361	2.4310

Municipality	2003 Total Apportionment	2004 Total Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Ham Lake	$600,254	$619,798	$19,544	3.2560
Hastings	542,037	545,650	3,613	0.6666
Hermantown	359,256	345,863	(13,393)	(3.7280)
Hibbing	963,356	1,049,358	86,002	8.9273
Hopkins	464,832	473,133	8,301	1.7858
Hugo	315,518	316,659	1,141	0.3616
Hutchinson	520,244	521,349	1,105	0.2124
International Falls	244,758	237,922	(6,836)	(2.7930)
Inver Grove Heights	908,272	908,938	666	0.0733
La Crescent	196,911	190,584	(6,327)	(3.2131)
Lake City	180,484	191,975	11,491	6.3668
Lake Elmo	209,996	212,656	2,660	1.2667
Lakeville	1,762,330	1,809,653	47,323	2.6853
Lino Lakes	618,449	638,355	19,906	3.2187
Litchfield	256,937	255,149	(1,788)	(0.6959)
Little Canada	379,834	368,848	(10,986)	(2.8923)
Little Falls	424,094	432,896	8,802	2.0755
Mahtomedi	232,814	227,416	(5,398)	(2.3186)
Mankato	1,075,821	1,094,794	18,973	1.7636
Maple Grove	1,964,840	2,044,786	79,946	4.0688
Maplewood	1,242,950	1,230,942	(12,008)	(0.9661)
Marshall	489,077	447,144	(41,933)	(8.5739)
Mendota Heights	336,425	353,923	17,498	5.2012
Minneapolis	11,507,433	11,986,856	479,423	4.1662
Minnetonka	1,661,029	1,651,791	(9,238)	(0.5562)
Montevideo	185,266	191,351	6,085	3.2845
Monticello	270,683	290,056	19,373	7.1571
Moorhead	1,151,896	1,152,312	416	0.0361
Morris	178,282	201,497	23,215	13.0215
Mound	333,944	302,967	(30,977)	(9.2761)
Mounds View	390,465	380,009	(10,456)	(2.6778)
New Brighton	558,226	555,370	(2,856)	(0.5116)
New Hope	633,284	595,315	(37,969)	(5.9956)
New Prague	0	114,081	114,081	N/A
New Ulm	546,294	536,798	(9,496)	(1.7383)
North Branch	398,428	419,590	21,162	5.3114
North Mankato	461,381	453,257	(8,124)	(1.7608)
North St. Paul	344,690	346,499	1,809	0.5248
Northfield	488,937	500,948	12,011	2.4566
Oak Grove	261,924	393,872	131,948	50.3764
Oakdale	648,301	640,516	(7,785)	(1.2008)
Orono	380,909	384,036	3,127	0.8209
Otsego	335,663	421,147	85,484	25.4672
Owatonna	716,114	723,801	7,687	1.0734
Plymouth	2,031,594	2,086,418	54,824	2.6986
Prior Lake	497,477	575,552	78,075	15.6942
Ramsey	670,450	590,574	(79,876)	(11.9138)
Red Wing	703,896	718,510	14,614	2.0762
Redwood Falls	231,553	253,076	21,523	9.2951
Richfield	1,083,486	1,056,966	(26,520)	(2.4477)
Robbinsdale	347,398	326,685	(20,713)	(5.9623)
Rochester	2,597,395	2,644,502	47,107	1.8136
Rogers	0	164,870	164,870	N/A
Rosemount	577,622	633,354	55,732	9.6485
Roseville	968,775	964,265	(4,510)	(0.4655)
St. Anthony	245,757	266,918	21,161	8.6105
St. Cloud	1,956,879	1,992,186	35,307	1.8043

Municipality	2003 Total Apportionment	2004 Total Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
St. Francis	$320,140	$286,626	($33,514)	(10.4685)
St. Joseph	0	$125,724	$125,724	N/A
St. Louis Park	1,310,292	1,313,619	3,327	0.2539
St. Michael	406,442	509,775	103,333	25.4238
St. Paul	9,214,572	9,337,779	123,207	1.3371
St. Paul Park	178,848	173,352	(5,496)	(3.0730)
St. Peter	412,081	427,310	15,229	3.6956
Sartell	404,226	471,758	67,532	16.7065
Sauk Rapids	323,738	418,519	94,781	29.2771
Savage	708,771	743,726	34,955	4.9318
Shakopee	717,570	707,411	(10,159)	(1.4158)
Shoreview	599,638	619,059	19,421	3.2388
Shorewood	242,435	266,945	24,510	10.1099
South St. Paul	573,161	564,599	(8,562)	(1.4938)
Spring Lake Park	165,185	162,000	(3,185)	(1.9281)
Stewartville	172,653	168,417	(4,236)	(2.4535)
Stillwater	447,468	470,078	22,610	5.0529
Thief River Falls	499,260	483,095	(16,165)	(3.2378)
Vadnais Heights	326,500	327,524	1,024	0.3136
Virginia	428,078	421,712	(6,366)	(1.4871)
Waconia	195,472	200,356	4,884	2.4986
Waite Park	188,293	201,600	13,307	7.0672
Waseca	274,922	268,722	(6,200)	(2.2552)
West St. Paul	479,462	482,468	3,006	0.6270
White Bear Lake	661,865	672,473	10,608	1.6027
Willmar	637,464	661,794	24,330	3.8167
Winona	769,746	754,114	(15,632)	(2.0308)
Woodbury	1,853,287	1,894,360	41,073	2.2162
Worthington	383,346	353,407	(29,939)	(7.8099)
TOTAL	**$108,992,464**	**$110,890,581**	**$1,898,117**	**1.7415**

2004 APPORTIONMENT RANKINGS

1/23/2004

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

MSAS\Excel\January 2004 Book\2004 Apportionment Rankings.xls

POPULATION APPORTIONMENT

Rank	Municipality	2003 Total Needs Mileage	2004 Population Apportionment Per Need Mile
1	Falcon Heights	2.54	$35,981
2	Minneapolis	203.00	30,887
3	Hopkins	9.32	30,857
4	St. Paul	165.13	28,534
5	New Hope	12.70	26,966
6	Vadnais Heights	8.32	26,083
7	Waseca	6.42	24,805
8	Oakdale	18.39	24,492
9	Columbia Heights	12.53	24,441
10	New Brighton	14.92	24,436
11	Coon Rapids	41.82	24,351
12	Robbinsdale	9.51	24,323
13	West St. Paul	13.54	23,769
14	St. Joseph	3.47	23,713
15	Northfield	12.36	23,648
16	St. Anthony	5.63	23,570
17	St. Louis Park	31.19	23,496
18	Anoka	12.64	23,480
19	Brooklyn Park	48.08	23,368
20	Shoreview	18.57	23,353
21	Eagan	46.15	22,962
22	Stewartville	3.99	22,807
23	Burnsville	44.05	22,643
24	Waconia	5.53	22,509
25	Richfield	25.08	22,495
26	Rochester	66.55	22,466
27	Brooklyn Center	21.56	22,169
28	Apple Valley	35.54	22,010
29	Champlin	17.01	21,780
30	Arden Hills	7.42	21,323
31	Inver Grove Heights	23.86	21,079
32	Crystal	17.88	20,922
33	Owatonna	18.19	20,783
34	Eden Prairie	45.40	20,563
35	Chaska	15.13	20,525
36	Winona	21.77	20,365
37	Plymouth	54.72	20,301
38	White Bear Lake	20.35	19,840
39	South St. Paul	16.82	19,780
40	Roseville	28.70	19,460

MONEY NEEDS APPORTIONMENT

Rank	Municipality	2003 Total Needs Mileage	2004 Money Needs Apportionment Per Need Mile
1	Crookston	11.71	$29,290
2	Minneapolis	203.00	28,161
3	St. Paul	165.13	28,014
4	Bloomington	75.02	24,108
5	Fairmont	19.49	23,967
6	St. Anthony	5.63	23,840
7	Woodbury	46.03	23,659
8	Maple Grove	49.10	23,631
9	Thief River Falls	15.06	22,892
10	Austin	27.70	21,096
11	Faribault	22.80	21,087
12	Moorhead	29.74	20,808
13	Redwood Falls	7.87	20,796
14	Orono	12.58	20,600
15	Farmington	13.85	20,577
16	Glencoe	6.98	20,523
17	New Ulm	15.33	20,493
18	Sartell	14.28	20,462
19	Maplewood	31.71	20,271
20	Lakeville	51.95	20,242
21	New Hope	12.70	19,909
22	Hopkins	9.32	19,908
23	Duluth	112.18	19,878
24	Little Canada	10.49	19,822
25	Richfield	25.08	19,649
26	Columbia Heights	12.53	19,627
27	Sauk Rapids	11.87	19,497
28	Stewartville	3.99	19,403
29	Buffalo	14.17	19,267
30	La Crescent	5.66	19,125
31	Owatonna	18.19	19,008
32	Red Wing	23.82	18,978
33	North Mankato	13.38	18,932
34	Grand Rapids	11.47	18,919
35	Little Falls	15.98	18,674
36	St. Francis	10.37	18,669
37	St. Louis Park	31.19	18,621
38	St. Peter	14.24	18,530
39	Mound	8.05	18,389
40	Forest Lake	22.35	18,352

TOTAL APPORTIONMENT

Rank	Municipality	2003 Total Needs Mileage	2004 Total Apportionment Per Need Mile
1	Minneapolis	203.00	$59,049
2	St. Paul	165.13	56,548
3	Hopkins	9.32	50,765
4	Falcon Heights	2.54	50,117
5	St. Anthony	5.63	47,410
6	New Hope	12.70	46,875
7	Columbia Heights	12.53	44,067
8	Bloomington	75.02	42,753
9	Stewartville	3.99	42,210
10	Richfield	25.08	42,144
11	St. Louis Park	31.19	42,117
12	Waseca	6.42	41,857
13	Maple Grove	49.10	41,645
14	Woodbury	46.03	41,155
15	Crookston	11.71	40,748
16	Northfield	12.36	40,530
17	Anoka	12.64	40,313
18	Owatonna	18.19	39,791
19	Rochester	66.55	39,737
20	Coon Rapids	41.82	39,563
21	Vadnais Heights	8.32	39,366
22	Apple Valley	35.54	39,104
23	Burnsville	44.05	39,060
24	Maplewood	31.71	38,819
25	Moorhead	29.74	38,746
26	Brooklyn Center	21.56	38,403
27	Plymouth	54.72	38,129
28	Inver Grove Heights	23.86	38,095
29	Mound	8.05	37,636
30	Farmington	13.85	37,435
31	New Brighton	14.92	37,223
32	Eden Prairie	45.40	36,826
33	Faribault	22.80	36,515
34	St. Joseph	3.47	36,232
35	Waconia	5.53	36,231
36	Crystal	17.88	36,186
37	Arden Hills	7.42	35,697
38	West St. Paul	13.54	35,633
39	Sauk Rapids	11.87	35,259
40	St. Paul Park	4.92	35,234

POPULATION APPORTIONMENT			
Rank	Municipality	2003 Total Needs Mileage	2004 Population Apportionment Per Need Mile
41	Blaine	40.52	$19,431
42	Edina	40.27	19,347
43	Mound	8.05	19,247
44	Spring Lake Park	5.82	19,207
45	Big Lake	6.37	18,700
46	Bloomington	75.02	18,645
47	Maplewood	31.71	18,548
48	Fridley	24.81	18,128
49	Maple Grove	49.10	18,014
50	Moorhead	29.74	17,938
51	Waite Park	6.12	17,904
52	Woodbury	46.03	17,496
53	Stillwater	15.45	17,268
54	North St. Paul	11.40	17,181
55	St. Paul Park	4.92	16,961
56	Monticello	9.04	16,935
57	Minnetonka	49.89	16,887
58	Farmington	13.85	16,857
59	Mounds View	12.51	16,758
60	St. Cloud	60.26	16,668
61	Mankato	33.27	16,425
62	Hastings	19.27	16,321
63	Worthington	11.39	16,230
64	Cottage Grove	31.44	16,141
65	Albert Lea	18.74	16,051
66	Prior Lake	17.58	15,993
67	Shakopee	24.53	15,960
68	Sauk Rapids	11.87	15,762
69	Chanhassen	22.27	15,698
70	Faribault	22.80	15,428
71	Little Canada	10.49	15,340
72	Savage	24.92	15,261
73	Mahtomedi	8.62	15,257
74	Shorewood	8.24	15,086
75	North Mankato	13.38	14,944
76	New Prague	5.52	14,892
77	Lakeville	51.95	14,592
78	La Crescent	5.66	14,547
79	New Ulm	15.33	14,524
80	Golden Valley	23.57	14,340
81	Lino Lakes	20.55	14,300
82	Austin	27.70	13,996
83	Brainerd	16.12	13,884
84	International Falls	8.06	13,629
85	Marshall	15.48	13,520
86	Mendota Heights	14.39	13,203
87	Buffalo	14.17	13,202
88	Hutchinson	16.65	13,188

MONEY NEEDS APPORTIONMENT			
Rank	Municipality	2003 Total Needs Mileage	2004 Money Needs Apportionment Per Need Mile
41	St. Paul Park	4.92	$18,273
42	Cottage Grove	31.44	18,180
43	Hutchinson	16.65	18,124
44	Albert Lea	18.74	17,911
45	Plymouth	54.72	17,828
46	Otsego	16.37	17,513
47	Shorewood	8.24	17,310
48	St. Michael	18.88	17,287
49	Rochester	66.55	17,271
50	Apple Valley	35.54	17,094
51	Virginia	15.93	17,058
52	Litchfield	8.58	17,057
53	Waseca	6.42	17,052
54	Inver Grove Heights	23.86	17,016
55	East Grand Forks	15.19	16,908
56	Northfield	12.36	16,882
57	Fergus Falls	24.32	16,848
58	Anoka	12.64	16,833
59	Lino Lakes	20.55	16,764
60	Prior Lake	17.58	16,746
61	Lake City	6.50	16,550
62	Mankato	33.27	16,482
63	Burnsville	44.05	16,416
64	St. Cloud	60.26	16,392
65	Big Lake	6.37	16,341
66	Eden Prairie	45.40	16,263
67	Brooklyn Center	21.56	16,234
68	Minnetonka	49.89	16,221
69	International Falls	8.06	15,890
70	Cloquet	20.14	15,660
71	East Bethel	26.91	15,435
72	Marshall	15.48	15,366
73	Crystal	17.88	15,264
74	Coon Rapids	41.82	15,212
75	Monticello	9.04	15,151
76	Edina	40.27	15,124
77	Hermantown	14.08	15,051
78	Waite Park	6.12	15,037
79	Ham Lake	26.51	15,005
80	Hibbing	51.31	15,002
81	Willmar	23.91	14,998
82	Elk River	30.42	14,831
83	Worthington	11.39	14,798
84	Chaska	15.13	14,615
85	Savage	24.92	14,584
86	Golden Valley	23.57	14,449
87	Arden Hills	7.42	14,374
88	Morris	8.11	14,330

TOTAL APPORTIONMENT			
Rank	Municipality	2003 Total Needs Mileage	2004 Total Apportionment Per Need Mile
41	Little Canada	10.49	$35,162
42	Chaska	15.13	35,140
43	Austin	27.70	35,091
44	Big Lake	6.37	35,041
45	New Ulm	15.33	35,016
46	Lakeville	51.95	34,835
47	Oakdale	18.39	34,830
48	Winona	21.77	34,640
49	Edina	40.27	34,471
50	Brooklyn Park	48.08	34,381
51	Robbinsdale	9.51	34,352
52	Cottage Grove	31.44	34,321
53	Albert Lea	18.74	33,962
54	North Mankato	13.38	33,876
55	La Crescent	5.66	33,672
56	Roseville	28.70	33,598
57	South St. Paul	16.82	33,567
58	Glencoe	6.98	33,543
59	Shoreview	18.57	33,337
60	Eagan	46.15	33,248
61	Fairmont	19.49	33,118
62	Minnetonka	49.89	33,109
63	St. Cloud	60.26	33,060
64	White Bear Lake	20.35	33,045
65	Sartell	14.28	33,036
66	Waite Park	6.12	32,941
67	Mankato	33.27	32,906
68	Prior Lake	17.58	32,739
69	Duluth	112.18	32,481
70	Buffalo	14.17	32,469
71	Shorewood	8.24	32,396
72	Blaine	40.52	32,170
73	Redwood Falls	7.87	32,157
74	Monticello	9.04	32,086
75	Thief River Falls	15.06	32,078
76	Champlin	17.01	32,008
77	Hutchinson	16.65	31,312
78	Lino Lakes	20.55	31,064
79	Worthington	11.39	31,028
80	Grand Rapids	11.47	30,714
81	Orono	12.58	30,528
82	Stillwater	15.45	30,426
83	North St. Paul	11.40	30,395
84	Mounds View	12.51	30,376
85	Red Wing	23.82	30,164
86	St. Peter	14.24	30,008
87	Savage	24.92	29,845
88	Litchfield	8.58	29,738

POPULATION APPORTIONMENT			
Rank	Municipality	2003 Total Needs Mileage	2004 Population Apportionment Per Need Mile
89	Glencoe	6.98	$13,021
90	Lake City	6.50	12,984
91	Bemidji	16.25	12,786
92	Andover	36.72	12,785
93	Litchfield	8.58	12,681
94	Willmar	23.91	12,681
95	Duluth	112.18	12,603
96	Sartell	14.28	12,574
97	Grand Rapids	11.47	11,795
98	St. Peter	14.24	11,478
99	Crookston	11.71	11,458
100	Redwood Falls	7.87	11,361
101	Red Wing	23.82	11,186
102	Forest Lake	22.35	11,060
103	Montevideo	8.25	10,887
104	Rogers	7.71	10,643
105	Lake Elmo	11.42	10,594
106	Ramsey	29.32	10,519
107	Morris	8.11	10,516
108	Chisholm	7.99	10,249
109	Rosemount	25.93	10,176
110	Alexandria	15.90	10,173
111	Orono	12.58	9,927
112	Elk River	30.42	9,735
113	St. Michael	18.88	9,713
114	Hermantown	14.08	9,513
115	Virginia	15.93	9,415
116	Detroit Lakes	13.33	9,294
117	Cloquet	20.14	9,253
118	Fergus Falls	24.32	9,228
119	Thief River Falls	15.06	9,186
120	Fairmont	19.49	9,151
121	St. Francis	10.37	8,971
122	Cambridge	11.07	8,649
123	Little Falls	15.98	8,416
124	Ham Lake	26.51	8,375
125	Otsego	16.37	8,214
126	East Grand Forks	15.19	8,161
127	Baxter	12.77	7,857
128	Hugo	16.79	7,706
129	East Bethel	26.91	6,815
130	North Branch	22.53	6,527
131	Corcoran	14.80	6,415
132	Oak Grove	19.50	5,955
133	Hibbing	51.31	5,449
	AVERAGE		**$16,265**

MONEY NEEDS APPORTIONMENT			
Rank	Municipality	2003 Total Needs Mileage	2004 Money Needs Apportionment Per Need Mile
89	Alexandria	15.90	$14,317
90	Winona	21.77	14,275
91	Cambridge	11.07	14,275
92	Rosemount	25.93	14,250
93	Oak Grove	19.50	14,244
94	Chisholm	7.99	14,152
95	Roseville	28.70	14,138
96	Falcon Heights	2.54	14,137
97	South St. Paul	16.82	13,787
98	Waconia	5.53	13,722
99	Mounds View	12.51	13,618
100	Vadnais Heights	8.32	13,283
101	North St. Paul	11.40	13,213
102	White Bear Lake	20.35	13,205
103	Stillwater	15.45	13,158
104	Andover	36.72	13,106
105	Shakopee	24.53	12,879
106	New Brighton	14.92	12,787
107	Blaine	40.52	12,739
108	Detroit Lakes	13.33	12,734
109	St. Joseph	3.47	12,518
110	Montevideo	8.25	12,307
111	North Branch	22.53	12,097
112	Bemidji	16.25	12,006
113	Hastings	19.27	11,995
114	West St. Paul	13.54	11,864
115	Baxter	12.77	11,771
116	Mendota Heights	14.39	11,392
117	Hugo	16.79	11,154
118	Mahtomedi	8.62	11,125
119	Brooklyn Park	48.08	11,012
120	Rogers	7.71	10,741
121	Oakdale	18.39	10,338
122	Eagan	46.15	10,286
123	Champlin	17.01	10,228
124	Robbinsdale	9.51	10,029
125	Shoreview	18.57	9,983
126	Brainerd	16.12	9,635
127	Ramsey	29.32	9,624
128	Fridley	24.81	9,550
129	Corcoran	14.80	8,847
130	Spring Lake Park	5.82	8,629
131	Chanhassen	22.27	8,521
132	Lake Elmo	11.42	8,027
133	New Prague	5.52	5,775
	AVERAGE		**$16,137**

TOTAL APPORTIONMENT			
Rank	Municipality	2003 Total Needs Mileage	2004 Total Apportionment Per Need Mile
89	Lake City	6.50	$29,535
90	International Falls	8.06	29,519
91	Forest Lake	22.35	29,413
92	Marshall	15.48	28,885
93	Shakopee	24.53	28,839
94	Golden Valley	23.57	28,789
95	Hastings	19.27	28,316
96	Spring Lake Park	5.82	27,835
97	Willmar	23.91	27,679
98	Fridley	24.81	27,678
99	St. Francis	10.37	27,640
100	Little Falls	15.98	27,090
101	St. Michael	18.88	27,001
102	Virginia	15.93	26,473
103	Mahtomedi	8.62	26,382
104	Fergus Falls	24.32	26,077
105	Andover	36.72	25,891
106	Otsego	16.37	25,727
107	East Grand Forks	15.19	25,069
108	Cloquet	20.14	24,912
109	Morris	8.11	24,845
110	Bemidji	16.25	24,792
111	Mendota Heights	14.39	24,595
112	Elk River	30.42	24,567
113	Hermantown	14.08	24,564
114	Alexandria	15.90	24,490
115	Rosemount	25.93	24,426
116	Chisholm	7.99	24,401
117	Chanhassen	22.27	24,219
118	Brainerd	16.12	23,519
119	Ham Lake	26.51	23,380
120	Montevideo	8.25	23,194
121	Cambridge	11.07	22,924
122	East Bethel	26.91	22,250
123	Detroit Lakes	13.33	22,027
124	Rogers	7.71	21,384
125	New Prague	5.52	20,667
126	Hibbing	51.31	20,451
127	Oak Grove	19.50	20,199
128	Ramsey	29.32	20,142
129	Baxter	12.77	19,628
130	Hugo	16.79	18,860
131	North Branch	22.53	18,624
132	Lake Elmo	11.42	18,621
133	Corcoran	14.80	15,262
	AVERAGE		**$32,402**

2004 CONSTRUCTION AND MAINTENANCE ALLOTMENTS

Upon determining that $110,890,581 is available to the Municipal State Aid Street Fund the following allotments are made in accordance with the Rules and Regulations for the State Aid Operation. Maintenance allotment without a notation is the minimum amount allocated at $1500 per improved mile. General maintenance percentage requested was applied to the result of the total apportionment minus turnback maintenance allowance. Bond interest due in 2004 was added to the city's minimum maintenance allocation unless a resolution was obtained by State Aid to use local funds for the interest. Principal payments due on bonds in 2004 are included in the construction allotments.

JANUARY 2004 BOOK/2004 MAINTENANCE & CONSTRUCTION ALLOTMENTS.XLS 23-Jan-04

MUNICIPALITY	TOTAL APPORTION-MENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION		CONSTRUCTION ALLOCATION
Albert Lea	$636,448			$159,112	**$159,112**	*	**$477,336**
Alexandria	389,388			97,347	**97,347**	*	**292,041**
Andover	950,733		$104,545	180,675	**285,220**	***	**665,513**
Anoka	509,559			127,390	**127,390**	*	**382,169**
Apple Valley	1,389,757		37,720	44,700	**82,420**	###	**1,307,337**
Arden Hills	264,873			66,218	**66,218**	*	**198,655**
Austin	972,029			91,355	**91,355**	#	**880,674**
Baxter	250,646			17,610	**17,610**		**233,036**
Bemidji	402,874			100,719	**100,719**	*	**302,155**
Big Lake	223,214			55,804	**55,804**	##	**167,410**
Blaine	1,303,542			325,886	**325,886**	*	**977,656**
Bloomington	3,207,303			1,122,556	**1,122,556**	**	**2,084,747**
Brainerd	379,121			23,940	**23,940**		**355,181**
Brooklyn Center	827,976		27,850	90,000	**117,850**	#	**710,126**
Brooklyn Park	1,653,029			413,257	**413,257**	*	**1,239,772**
Buffalo	460,089			115,022	**115,022**	##	**345,067**
Burnsville	1,720,584			430,146	**430,146**	*	**1,290,438**
Cambridge	253,768	13,392	22,225	25,000	**60,617**	#	**193,151**
Champlin	544,454			136,114	**136,114**	*	**408,340**
Chanhassen	539,360	4,320		29,235	**33,555**		**505,805**
Chaska	531,668			132,917	**132,917**	*	**398,751**
Chisholm	194,963			48,741	**48,741**	*	**146,222**
Cloquet	501,736			175,608	**175,608**	**	**326,128**
Columbia Heights	552,164			193,257	**193,257**	**	**358,907**
Coon Rapids	1,654,534			61,770	**61,770**		**1,592,764**
Corcoran	225,876			79,057	**79,057**	**	**146,819**
Cottage Grove	1,079,037			37,920	**37,920**		**1,041,117**
Crookston	477,160			119,290	**119,290**	*	**357,870**
Crystal	647,003			226,451	**226,451**	**	**420,552**

MUNICIPALITY	TOTAL APPORTION-MENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION		CONSTRUCTION ALLOCATION
Detroit Lakes	293,625			$73,406	**73,406**	*	**$220,219**
Duluth	3,643,713	$70,056		1,023,058	**1,093,114**	***	**2,550,599**
Eagan	1,534,396			66,945	**66,945**		**1,467,451**
East Bethel	598,755			149,689	**149,689**	*	**449,066**
East Grand Forks	380,795			95,199	**95,199**	*	**285,596**
Eden Prairie	1,671,885			64,440	**64,440**	###	**1,607,445**
Edina	1,388,158			347,040	**347,040**	*	**1,041,118**
Elk River	747,319			35,970	**35,970**		**711,349**
Fairmont	645,464			28,590	**28,590**		**616,874**
Falcon Heights	127,298			44,554	**44,554**	**	**82,744**
Faribault	832,539			208,135	**208,135**	*	**624,404**
Farmington	518,470			129,618	**129,618**	*	**388,852**
Fergus Falls	634,186	28,152		130,395	**158,547**	*	**475,639**
Forest Lake	657,372			164,343	**164,343**	*	**493,029**
Fridley	686,694			171,674	**171,674**	*	**515,020**
Glencoe	234,133		$28,916	53,031	**81,947**	##	**152,186**
Golden Valley	678,545			169,636	**169,636**	*	**508,909**
Grand Rapids	352,288			88,072	**88,072**	*	**264,216**
Ham Lake	619,798			33,465	**33,465**		**586,333**
Hastings	545,650			136,413	**136,413**	*	**409,237**
Hermantown	345,863			65,000	**65,000**	#	**280,863**
Hibbing	1,049,358			262,340	**262,340**	*	**787,018**
Hopkins	473,133			118,283	**118,283**	*	**354,850**
Hugo	316,659			79,165	**79,165**	*	**237,494**
Hutchinson	521,349			24,045	**24,045**		**497,304**
International Falls	237,922			12,090	**12,090**		**225,832**
Inver Grove Heights	908,938			227,235	**227,235**	*	**681,703**
La Crescent	190,584			8,490	**8,490**		**182,094**
Lake City	191,975			47,994	**47,994**	##	**143,981**
Lake Elmo	212,656		39,655	16,680	**56,335**	###	**156,321**
Lakeville	1,809,653		238,740	70,860	**309,600**	###	**1,500,053**
Lino Lakes	638,355	2,016		157,573	**159,589**	*	**478,766**
Litchfield	255,149			89,302	**89,302**	**	**165,847**
Little Canada	368,848			92,212	**92,212**	*	**276,636**
Little Falls	432,896			21,450	**21,450**		**411,446**
Mahtomedi	227,416			12,765	**12,765**		**214,651**
Mankato	1,094,794			273,699	**273,699**	*	**821,095**
Maple Grove	2,044,786		11,825	499,372	**511,197**	####	**1,533,589**
Maplewood	1,230,942			369,283	**369,283**	***	**861,659**
Marshall	447,144			21,480	**21,480**		**425,664**

MUNICIPALITY	TOTAL APPORTION-MENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION		CONSTRUCTION ALLOCATION
Mendota Heights	353,923			$88,481	**$88,481**	*	**$265,442**
Minneapolis	11,986,856			4,195,400	**4,195,400**	**	**7,791,456**
Minnetonka	1,651,791			69,765	**69,765**		**1,582,026**
Montevideo	191,351			12,375	**12,375**		**178,976**
Monticello	290,056			72,514	**72,514**	*	**217,542**
Moorhead	1,152,312			150,600	**150,600**	#	**1,001,712**
Morris	201,497			50,374	**50,374**	*	**151,123**
Mound	302,967			75,742	**75,742**	*	**227,225**
Mounds View	380,009			95,002	**95,002**	*	**285,007**
New Brighton	555,370			138,843	**138,843**	*	**416,527**
New Hope	595,315			148,829	**148,829**	*	**446,486**
New Prague	114,081			28,520	**28,520**	*	**85,561**
New Ulm	536,798			20,595	**20,595**		**516,203**
North Branch	419,590		$32,658	72,239	**104,897**	*	**314,693**
North Mankato	453,257		61,597	54,391	**115,988**	#	**337,269**
North St. Paul	346,499			86,625	**86,625**	*	**259,874**
Northfield	500,948			125,237	**125,237**	*	**375,711**
Oak Grove	393,872			98,468	**98,468**	*	**295,404**
Oakdale	640,516		2,884	160,129	**163,013**	##	**477,503**
Orono	384,036			96,009	**96,009**	*	**288,027**
Otsego	421,147			105,287	**105,287**	*	**315,860**
Owatonna	723,801			27,210	**27,210**		**696,591**
Plymouth	2,086,418			521,605	**521,605**	*	**1,564,813**
Prior Lake	575,552			143,888	**143,888**	*	**431,664**
Ramsey	590,574			110,000	**110,000**	#	**480,574**
Red Wing	718,510			251,479	**251,479**	**	**467,031**
Redwood Falls	253,076			63,269	**63,269**	*	**189,807**
Richfield	1,056,966			264,242	**264,242**	*	**792,724**
Robbinsdale	326,685			14,205	**14,205**		**312,480**
Rochester	2,644,502			264,450	**264,450**	#	**2,380,052**
Rogers	164,870			41,218	**41,218**	*	**123,652**
Rosemount	633,354		2,380	25,920	**28,300**	###	**605,054**
Roseville	964,265			241,066	**241,066**	*	**723,199**
St. Anthony	266,918		39,910	26,820	**66,730**	*	**200,188**

MUNICIPALITY	TOTAL APPORTION-MENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION		CONSTRUCTION ALLOCATION
St. Cloud	1,992,186	$4,968		$493,079	**$498,047**	*	**$1,494,139**
St. Francis	286,626			71,657	**71,657**	##	**214,969**
St. Joseph	125,724			4,455	**4,455**		**121,269**
St. Louis Park	1,313,619			459,767	**459,767**	**	**853,852**
St Michael	509,775			127,444	**127,444**	*	**382,331**
St. Paul	9,337,779			3,268,223	**3,268,223**	**	**6,069,556**
St. Paul Park	173,352			43,338	**43,338**	*	**130,014**
St. Peter	427,310			20,085	**20,085**		**407,225**
Sartell	471,758		$70,485	16,830	**87,315**	###	**384,443**
Sauk Rapids	418,519			17,805	**17,805**		**400,714**
Savage	743,726		89,546	30,660	**120,206**	###	**623,520**
Shakopee	707,411	414		176,439	**176,853**	*	**530,558**
Shoreview	619,059			25,410	**25,410**		**593,649**
Shorewood	266,945			66,736	**66,736**	*	**200,209**
South St. Paul	564,599			141,150	**141,150**	*	**423,449**
Spring Lake Park	162,000			40,500	**40,500**	*	**121,500**
Stewartville	168,417			42,104	**42,104**	*	**126,313**
Stillwater	470,078			117,520	**117,520**	*	**352,558**
Thief River Falls	483,095			120,774	**120,774**	*	**362,321**
Vadnais Heights	327,524			81,881	**81,881**	##	**245,643**
Virginia	421,712	18,000		87,428	**105,428**	*	**316,284**
Waconia	200,356			8,160	**8,160**		**192,196**
Waite Park	201,600			8,085	**8,085**		**193,515**
Waseca	268,722			67,181	**67,181**	*	**201,541**
West St. Paul	482,468			120,000	**120,000**	#	**362,468**
White Bear Lake	672,473			168,118	**168,118**	*	**504,355**
Willmar	661,794			165,449	**165,449**	*	**496,345**
Winona	754,114			188,529	**188,529**	*	**565,585**
Woodbury	1,894,360		134,104	473,590	**607,694**	##	**1,286,666**
Worthington	353,407			60,000	**60,000**	#	**293,407**
TOTAL	**$110,890,581**	**$141,318**	**$945,040**	**$25,063,282**	**$26,149,640**		**$84,740,941**

***** 25% of Allotment requested.

****** 35% of Allotment requested. (Maintenance expenditure report required).

******* Requested more than 25% and less than 35% of Allotment. (Maintenance expenditure report required).

******** Requested that bond interest be paid with local funds.

Lump sum amount or certain % requested. Total cannot exceed 35% of total Allotment. (No maintenance expenditure report required).

Requested 25% + bond interest.

Allocated $1500 per mile + bond interest. Total Maintenance cannot exceed 35% of total Allotment.

Maximum amount of 25% including bond interest.

2003 IMPROVED MILEAGE RECORD

(MILEAGE USED FOR MINIMUM MAINTENANCE ALLOCATION)

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

MUNICIPALITY	IMPROVED MILEAGE	MUNICIPALITY	IMPROVED MILEAGE	MUNICIPALITY	IMPROVED MILEAGE	MUNICIPALITY	IMPROVED MILEAGE
Albert Lea	18.74	Eden Prairie	42.96	Marshall	14.32	Saint Anthony	5.63
Alexandria	15.83	Edina	40.27	Mendota Heights	13.75	Saint Cloud	53.74
Andover	28.10	Elk River	23.98	Minneapolis	201.19	Saint Francis	6.71
Anoka	12.64	Fairmont	19.06	Minnetonka	46.51	Saint Joseph	2.97
Apple Valley	29.80	Falcon Heights	2.54	Montevideo	8.25	Saint Louis Park	30.73
Arden Hills	6.42	Faribault	22.80	Monticello	7.86	Saint Michael	12.89
Austin	27.57	Farmington	10.41	Moorhead	27.81	Saint Paul	160.25
Baxter	11.74	Fergus Falls*	19.76	Morris	7.97	Saint Paul Park	4.92
Bemidji	16.25	Forest Lake	19.37	Mound	7.59	Saint Peter	13.39
Big Lake	6.37	Fridley	24.81	Mounds View	12.51	Sartell	11.22
Blaine	31.70	Glencoe	6.21	New Brighton	12.53	Sauk Rapids	11.87
Bloomington	73.92	Golden Valley	23.03	New Hope	12.64	Savage	20.44
Brainerd	15.96	Grand Rapids	11.07	New Prague	4.80	Shakopee*	19.96
Brooklyn Center	21.56	Ham Lake	22.31	New Ulm	13.73	Shoreview	16.94
Brooklyn Park	41.05	Hastings	17.98	North Branch	21.82	Shorewood	8.24
Buffalo	10.96	Hermantown	14.08	North Mankato	13.38	South St. Paul	16.82
Burnsville	43.59	Hibbing	49.85	North St. Paul	10.15	Spring Lake Park	5.82
Cambridge*	8.64	Hopkins	9.25	Northfield	11.83	Stewartville	3.99
Champlin	14.30	Hugo	16.18	Oak Grove	15.89	Stillwater	14.93
Chanhassen*	19.49	Hutchinson	16.03	Oakdale	18.39	Thief River Falls	14.43
Chaska	14.70	International Falls	8.06	Orono	12.58	Vadnais Heights	7.52
Chisholm	7.99	Inver Grove Heights	21.52	Otsego	9.42	Virginia *	13.15
Cloquet	20.02	La Crescent	5.66	Owatonna	18.14	Waconia	5.44
Columbia Heights	12.53	Lake City	4.82	Plymouth	49.81	Waite Park	5.39
Coon Rapids	41.18	Lake Elmo	11.12	Prior Lake	12.24	Waseca	6.42
Corcoran	14.80	Lakeville	47.24	Ramsey	20.72	West St. Paul	13.54
Cottage Grove	25.28	Lino Lakes*	11.07	Red Wing	19.31	White Bear Lake	19.85
Crookston	11.71	Litchfield	8.58	Redwood Falls	6.61	Willmar	23.91
Crystal	17.78	Little Canada	10.49	Richfield	24.57	Winona	21.40
Detroit Lakes	13.33	Little Falls	14.30	Robbinsdale	9.47	Woodbury	39.60
Duluth*	101.52	Mahtomedi	8.51	Rochester	63.17	Worthington	11.39
Eagan	44.63	Mankato	31.47	Rogers	6.16		
East Bethel	21.13	Maple Grove	36.66	Rosemount	17.28		
East Grand Forks	14.69	Maplewood	30.87	Roseville	26.91		
						TOTAL	2861.05

MAINTENANCE ALLOCATION CHANGES FOR 2004

January 2004 Book\2004 MAINT Comparison.xls

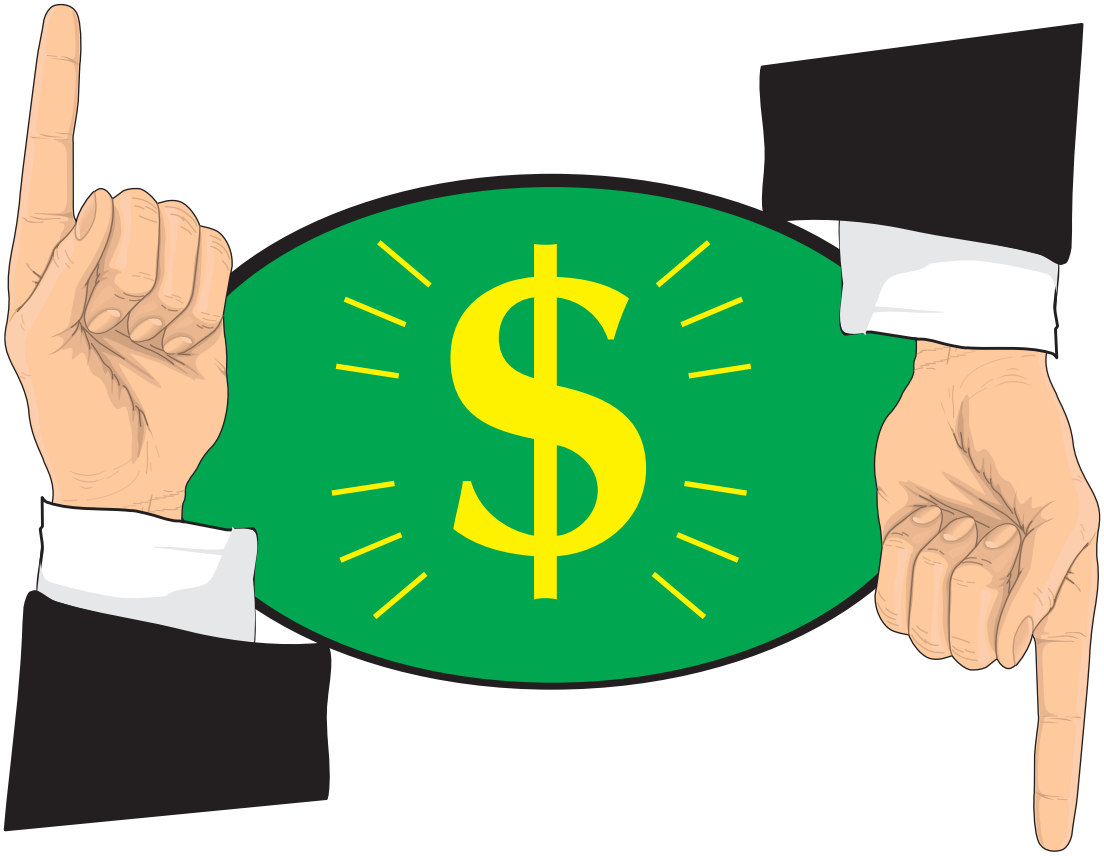
City	2004 Maintenance Allocation	2003 Maintenance Allocation	2004 Maintenance Allocation	2003 Maintenance Allocation	Difference
1 Brainerd	$1500 per mile Plus Bond Interest	25% of Allotment Requested	$23,940	$128,718	($104,778)
2 Crookston	25% of Allotment Requested + Bond Interest	Lump Sum	119,345	100,000	19,345
3 Detroit Lakes	25% of Allotment Requested	$1500 per mile	73,434	18,615	54,819
4 Fridley	25% of Allotment Requested + Bond Interest	30% of Allotment + Bond Interest	171,712	203,960	(32,248)
5 Hastings	25% of Allotment Requested	35% of Allotment Requested	136,450	189,713	(53,263)
6 Moorhead	Lump Sum	Lump Sum	150,600	303,257	(152,657)
7 New Prague	25% of Allotment Requested + Bond Interest	None	28,525	0	28,525
8 Oak Grove	25% of Allotment Requested	$1500 per mile	98,513	23,835	74,678
9 Rogers	25% of Allotment Requested	None	41,231	0	41,231
		TOTAL	**$843,750**	**$968,098**	**($165,579)**

7% = Percentage of cities changing their Maintenance Requests in 2003 for the 2004 Allocation

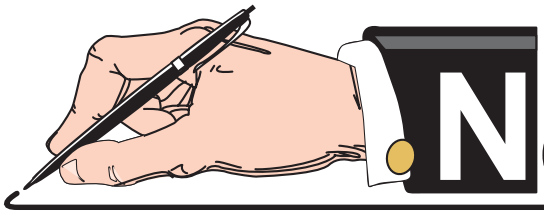
Type of Maintenance Allocation*	Number of Cities
35% =	13 Cities
Between 25% and 35% =	5 Cities
25% =	74 Cities
Less than 25% =	42 Cities
TOTAL	**134 Cities**

*May include bond interest

Adjustments to the 25 Year



Construction Needs



NOTES and COMMENTS

UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

Each city's December 31, 2003 Unencumbered Construction Fund Balance is deducted from its total needs. For reference see the 'Current Resolutions of the Municipal Screening Board' in the back of this booklet. For the computation of this adjustment see the '2004 Adjusted Construction Needs Apportionment' spreadsheet in this booklet.

Any city that had a General Fund Advance from its 2003 Construction Allocation is shown with a negative balance for the amount advanced.

The total Municipal State Aid expenditures for 2003 was $121,910,707. The expenditures are the difference between the 2003 and 2002 year end balance plus the 2003 construction allotment of $82,974,496.

N:\MSAS\EXCEL\2004\JANUARY 2004 BOOK\UNENCUMBERED CONST FUND BALANCE.XLS

Municipalities	Unencumbered Amount Available 12-31-02	Unencumbered Amount Available 12-31-03	Difference Between 12-31-03 and 12-31-02	Percentage of Total Amount in 2003 Account
Albert Lea	$971,817	$333,765	($638,052)	2.07
Alexandria	0	38,479	38,479	0.00
Andover	680,624	1,212,531	531,907	1.45
Anoka	516,258	343,576	(172,682)	1.10
Apple Valley	1,086,934	1,578,390	491,456	2.32
Arden Hills	805,510	248,209	(557,301)	1.72
Austin	961,496	912,914	(48,582)	2.05
Baxter	543,071	307,253	(235,818)	1.16
Bemidji	0	(75,964)	(75,964)	0.00
Big Lake	264,349	0	(264,349)	0.56
Blaine	0	(641,931)	(641,931)	0.00
Bloomington	4,553,578	2,151,138	(2,402,440)	9.72
Brainerd	1,614,378	0	(1,614,378)	3.45
Brooklyn Center	97,640	375,733	278,093	0.21
Brooklyn Park	0	(1,262,592)	(1,262,592)	0.00
Buffalo	608,573	566,168	(42,405)	1.30
Burnsville	0	(1,041,705)	(1,041,705)	0.00
Cambridge	64,004	0	(64,004)	0.14
Champlin	1,611,170	0	(1,611,170)	3.44
Chanhassen	2,033,691	2,296,803	263,112	4.34
Chaska	410,614	0	(410,614)	0.88
Chisholm	450,526	595,607	145,081	0.96
Cloquet	631,800	700,498	68,698	1.35
Columbia Heights	0	(61,662)	(61,662)	0.00
Coon Rapids	0	(535,076)	(535,076)	0.00
Corcoran	75,169	226,015	150,846	0.16
Cottage Grove	2,016,055	0	(2,016,055)	4.30
Crookston	1,082,462	1,170,601	88,139	2.31
Crystal	763,688	723,876	(39,812)	1.63
Detroit Lakes	643,873	716,061	72,188	1.37
Duluth	552,411	0	(552,411)	1.18
Eagan	0	0	0	0.00
East Bethel	1,183,148	55,506	(1,127,642)	2.53
East Grand Forks	125,815	(89,462)	(215,277)	0.27

Municipalities	Unencumbered Amount Available 12-31-02	Unencumbered Amount Available 12-31-03	Difference Between 12-31-03 and 12-31-02	Percentage of Total Amount in 2003 Account
Eden Prairie	$2,929,610	$4,394,717	$1,465,107	6.26
Edina	3,586,041	1,346,008	(2,240,033)	7.66
Elk River	751,708	(549,542)	(1,301,250)	1.60
Fairmont	149,443	0	(149,443)	0.32
Falcon Heights	176,208	91,226	(84,982)	0.38
Faribault	46,594	0	(46,594)	0.10
Farmington	477,095	839,996	362,901	1.02
Fergus Falls	964,541	811,554	(152,987)	2.06
Forest Lake	0	63,398	63,398	0.00
Fridley	882,618	274,118	(608,500)	1.88
Glencoe	116,297	(214,218)	(330,515)	0.25
Golden Valley	248,651	666,268	417,617	0.53
Grand Rapids	488,327	(25,320)	(513,647)	1.04
Ham Lake	440,168	779,883	339,715	0.94
Hastings	0	(274,101)	(274,101)	0.00
Hermantown	554,377	819,106	264,729	1.18
Hibbing	0	(286,277)	(286,277)	0.00
Hopkins	415,514	0	(415,514)	0.89
Hugo	324,901	561,539	236,638	0.69
Hutchinson	491,303	0	(491,303)	1.05
International Falls	0	170,795	170,795	0.00
Inver Grove Heights	752,714	1,433,918	681,204	1.61
La Crescent	0	188,421	188,421	0.00
Lake City	140,929	276,292	135,363	0.30
Lake Elmo	0	63,316	63,316	0.00
Lakeville	0	(1,446,110)	(1,446,110)	0.00
Lino Lakes	2,009,541	958,854	(1,050,687)	4.29
Litchfield	714,249	881,258	167,009	1.53
Little Canada	569,390	785,619	216,229	1.22
Little Falls	1,156,609	526,608	(630,001)	2.47
Mahtomedi	0	172,474	172,474	0.00
Mankato	0	0	0	0.00
Maple Grove	0	(877,724)	(877,724)	0.00
Maplewood	0	(854,146)	(854,146)	0.00
Marshall	1,158,380	1,538,905	380,525	2.47
Mendota Heights	796,718	189,968	(606,750)	1.70
Minneapolis	9,559,966	6,836,930	(2,723,036)	20.41
Minnetonka	0	0	0	0.00
Montevideo	210,730	0	(210,730)	0.45
Monticello	689,108	381,619	(307,489)	1.47
Moorhead	2,543,543	1,822,157	(721,386)	5.43
Morris	0	(401,133)	(401,133)	0.00
Mound	924,892	1,129,632	204,740	1.97
Mounds View	29,513	260,587	231,074	0.06
New Brighton	0	(131,136)	(131,136)	0.00
New Hope	0	474,963	474,963	0.00
New Prague	0	0	0	0.00
New Ulm	1,086,778	1,550,914	464,136	2.32
North Branch	482,952	0	(482,952)	1.03
North Mankato	178,048	114,399	(63,649)	0.38
North St. Paul	361,058	598,115	237,057	0.77

Municipalities	Unencumbered Amount Available 12-31-02	Unencumbered Amount Available 12-31-03	Difference Between 12-31-03 and 12-31-02	Percentage of Total Amount in 2003 Account
Northfield	$165,987	$7,797	($158,190)	0.35
Oak Grove	0	0	0	0.00
Oakdale	0	(1,000,000)	(1,000,000)	0.00
Orono	703,201	159,971	(543,230)	1.50
Otsego	444,273	(750,000)	(1,194,273)	0.95
Owatonna	0	0	0	0.00
Plymouth	1,785,861	3,318	(1,782,543)	3.81
Prior Lake	1,636,306	(101,844)	(1,738,150)	3.49
Ramsey	1,396,641	1,957,091	560,450	2.98
Red Wing	0	(1,000,000)	(1,000,000)	0.00
Redwood Falls	292,509	(402,846)	(695,355)	0.62
Richfield	825,163	218,921	(606,242)	1.76
Robbinsdale	1,179,332	1,502,146	322,814	2.52
Rochester	758,757	600,044	(158,713)	1.62
Rogers	0	0	0	0.00
Rosemount	974,570	0	(974,570)	2.08
Roseville	0	642,722	642,722	0.00
Saint Anthony	0	(152,954)	(152,954)	0.00
Saint Cloud	766,568	353,122	(413,446)	1.64
Saint Francis	0	(167,433)	(167,433)	0.00
Saint Joseph	0	0	0	0.00
Saint Louis Park	80,062	576,068	496,006	0.17
Saint Michael	108,401	(639,052)	(747,453)	0.23
Saint Paul	0	0	0	0.00
Saint Paul Park	878,713	986,399	107,686	1.88
Saint Peter	714,164	851,067	136,903	1.52
Sartell	0	(1,285,451)	(1,285,451)	0.00
Sauk Rapids	920,878	1,227,471	306,593	1.97
Savage	782,463	(68,846)	(851,309)	1.67
Shakopee	0	0	0	0.00
Shoreview	3,849	(750,000)	(753,849)	0.01
Shorewood	1,926,362	541,535	(1,384,827)	4.11
South Saint Paul	330,629	513,276	182,647	0.71
Spring Lake Park	155,897	279,786	123,889	0.33
Stewartville	19,544	149,034	129,490	0.04
Stillwater	939,108	926,057	(13,051)	2.01
Thief River Falls	0	91,476	91,476	0.00
Vadnais Heights	0	14,463	14,463	0.00
Virginia	700,553	831,832	131,279	1.50
Waconia	538,499	432,603	(105,896)	1.15
Waite Park	314,525	(175,616)	(490,141)	0.67
Waseca	341,228	523,229	182,001	0.73
West Saint Paul	798,010	710,161	(87,849)	1.70
White Bear Lake	0	(344,097)	(344,097)	0.00
Willmar	1,875,346	1,336,156	(539,190)	4.00
Winona	1,363,197	1,463,064	99,867	2.91
Woodbury	0	(1,235,612)	(1,235,612)	0.00
Worthington	1,294,136	1,222,050	(72,086)	2.76
TOTAL	**$85,771,900**	**$46,835,689**	**($38,936,211)**	**100.00**

2004 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.

N:\MSAS\EXCEL\2004\JANUARY 2004 BOOK\EXCESS UNENCUMBERED CONST FUND BALANCE revised.XLS 01/23/04

Municipalities	January 2003 Construction Allotment	December 31, 2003 Unencumbered Balance	Ratio bet Balance & City's 2003 Construction Allotment	First Year of Adjustment	Multiplier	Excess Balance Adjustment
Albert Lea	$471,914	$333,765	0.707			
Alexandria	279,742	38,479	0.138			
Andover	668,609	1,212,531	1.814			
Anoka	383,983	343,576	0.895			
Apple Valley	1,304,107	1,578,390	1.210			
Arden Hills	189,863	248,209	1.307			
Austin	878,922	912,914	1.039			
Baxter	232,407	307,253	1.322			
Bemidji	306,655	(75,964)	(0.248)			
Big Lake	185,654	0	0.000			
Blaine	958,096	(641,931)	(0.670)			
Bloomington	2,069,672	2,151,138	1.039			
Brainerd	346,842	0	0.000			
Brooklyn Center	747,301	375,733	0.503			
Brooklyn Park	1,263,417	(1,262,592)	(0.999)			
Buffalo	332,827	566,168	1.701			
Burnsville	1,286,584	(1,041,705)	(0.810)			
Cambridge	189,839	0	0.000			
Champlin	379,942	0	0.000			
Chanhassen	557,573	2,296,803	**4.119**	2004	1	$2,296,803
Chaska	388,432	0	0.000			
Chisholm	151,222	595,607	3.939			No adjustment
Cloquet	322,978	700,498	2.169			
Columbia Heights	360,095	(61,662)	(0.171)			
Coon Rapids	1,590,967	(535,076)	(0.336)			
Corcoran	150,846	226,015	1.498			
Cottage Grove	972,039	0	0.000			
Crookston	410,437	1,170,601	2.852			
Crystal	442,500	723,876	1.636			

Municipalities	January 2003 Construction Allotment	December 31, 2003 Unencumbered Balance	Ratio bet Balance & City's 2003 Construction Allotment	First Year of Adjustment	Multiplier	Excess Balance Adjustment
Detroit Lakes	$261,135	$716,061	2.742			
Duluth	2,514,443	0	0.000			
Eagan	1,457,183	0	0.000			
East Bethel	326,140	55,506	0.170			
East Grand Forks	271,274	(89,462)	(0.330)			
Eden Prairie	1,565,739	4,394,717	2.807			
Edina	1,024,946	1,346,008	1.313			
Elk River	691,548	(549,542)	(0.795)			
Fairmont	616,422	0	0.000			
Falcon Heights	79,953	91,226	1.141			
Faribault	631,972	0	0.000			
Farmington	390,595	839,996	2.151			
Fergus Falls	442,125	811,554	1.836			
Forest Lake	466,085	63,398	0.136			
Fridley	475,908	274,118	0.576			
Glencoe	151,976	(214,218)	(1.410)			
Golden Valley	542,833	666,268	1.227			
Grand Rapids	257,945	(25,320)	(0.098)			
Ham Lake	566,789	779,883	1.376			
Hastings	352,324	(274,101)	(0.778)			
Hermantown	294,256	819,106	2.784			
Hibbing	722,517	(286,277)	(0.396)			
Hopkins	348,624	0	0.000			
Hugo	236,638	561,539	2.373			
Hutchinson	496,199	0	0.000			
International Falls	232,668	170,795	0.734			
Inver Grove Heights	681,204	1,433,918	2.105			
La Crescent	188,421	188,421	1.000			
Lake City	135,363	276,292	2.041			
Lake Elmo	193,316	63,316	0.328			
Lakeville	1,446,110	(1,446,110)	(1.000)			
Lino Lakes	462,325	958,854	2.074			
Litchfield	167,009	881,258	5.277			No adjustment
Little Canada	284,875	785,619	2.758			
Little Falls	402,644	526,608	1.308			
Mahtomedi	220,049	172,474	0.784			
Mankato	806,866	0	0.000			
Maple Grove	1,473,630	(877,724)	(0.596)			
Maplewood	870,065	(854,146)	(0.982)			
Marshall	467,597	1,538,905	**3.291**	2004	1	$1,538,905
Mendota Heights	252,319	189,968	0.753			
Minneapolis	7,479,831	6,836,930	0.914			
Minnetonka	1,591,264	0	0.000			
Montevideo	172,891	0	0.000			
Monticello	203,012	381,619	1.880			
Moorhead	848,639	1,822,157	2.147			
Morris	133,711	(401,133)	(3.000)			
Mound	250,458	1,129,632	**4.510**	2004	1	1,129,632
Mounds View	292,849	260,587	0.890			
New Brighton	418,669	(131,136)	(0.313)			
New Hope	474,963	474,963	1.000			
New Prague	0	1,550,914	0.000			
New Ulm	525,699	0	0.000			

Municipalities	January 2003 Construction Allotment	December 31, 2003 Unencumbered Balance	Ratio bet Balance & City's 2003 Construction Allotment	First Year of Adjustment	Multiplier	Excess Balance Adjustment
North Branch	$298,821	$0	0.000			
North Mankato	339,608	114,399	0.337			
North St. Paul	258,517	598,115	2.314			
Northfield	366,703	7,797	0.021			
Oak Grove	238,089	0	0.000			
Oakdale	480,458	(1,000,000)	(2.081)			
Orono	285,682	159,971	0.560			
Otsego	251,747	(750,000)	(2.979)			
Owatonna	689,849	0	0.000			
Plymouth	1,523,695	3,318	0.002			
Prior Lake	373,108	(101,844)	(0.273)			
Ramsey	560,450	1,957,091	**3.492**	2004	1	$1,957,091
Red Wing	457,532	(1,000,000)	(2.186)			
Redwood Falls	173,665	(402,846)	(2.320)			
Richfield	812,614	218,921	0.269			
Robbinsdale	332,308	1,502,146	**4.520**	2004	1	1,502,146
Rochester	2,337,655	600,044	0.257			
Rogers	0	0	0.000			
Rosemount	541,217	0	0.000			
Roseville	726,581	642,722	0.885			
Saint Anthony	184,318	(152,954)	(0.830)			
Saint Cloud	1,463,933	353,122	0.241			
Saint Francis	240,105	(167,433)	(0.697)			
Saint Joseph	0	0	0.000			
Saint Louis Park	851,690	576,068	0.676			
Saint Michael	304,831	(639,052)	(2.096)			
Saint Paul	5,989,472	0	0.000			
Saint Paul Park	134,136	986,399	7.354			
Saint Peter	392,536	851,067	2.168			
Sartell	312,281	(1,285,451)	(4.116)			
Sauk Rapids	306,593	1,227,471	**4.004**	2004	1	1,227,471
Savage	581,845	(68,846)	(0.118)			
Shakopee	538,177	0	0.000			
Shoreview	574,228	(750,000)	(1.306)			
Shorewood	181,826	541,535	2.978			
South Saint Paul	429,871	513,276	1.194			
Spring Lake Park	123,889	279,786	2.258			
Stewartville	129,490	149,034	1.151			
Stillwater	335,601	926,057	2.759			
Thief River Falls	374,445	91,476	0.244			
Vadnais Heights	244,875	14,463	0.059			
Virginia	307,558	831,832	2.705			
Waconia	187,312	432,603	2.310			
Waite Park	178,573	(175,616)	(0.983)			
Waseca	206,191	523,229	2.538			
West Saint Paul	359,596	710,161	1.975			
White Bear Lake	496,399	(344,097)	(0.693)			
Willmar	478,098	1,336,156	2.795			
Winona	577,309	1,463,064	2.534			
Woodbury	1,231,404	(1,235,612)	(1.003)			
Worthington	366,261	1,222,050	**3.337**	2004	1	1,222,050
TOTAL	**$82,816,623**	**$46,835,689**				**$10,874,098**

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

N:\MSAS\EXCEL\2004\JANUARY 2004 BOOK\LOW BALANCE INCENTIVE.XLS

Municipality	Ratio between 12/31/03 Balance and City's 2003 Construction Allotment	2003 Actual 25 Year Construction Needs	Incentive Factor	Excess Balance Adjustment	Low Balance Incentive
Albert Lea	**0.707**	$17,821,056	0.0088		**$96,210**
Alexandria	**0.138**	11,898,679	0.0059		**64,237**
Andover					
Anoka	**0.895**	11,241,361	0.0056		**60,689**
Apple Valley					
Arden Hills					
Austin					
Baxter					
Bemidji	**(0.248)**	9,819,401	0.0049		**53,012**
Big Lake	**0.000**	5,426,049	0.0027		**29,294**
Blaine	**(0.670)**	25,235,879	0.0125		**136,240**
Bloomington					
Brainerd	**0.000**	9,876,860	0.0049		**53,322**
Brooklyn Center	**0.503**	14,737,827	0.0073		**79,565**
Brooklyn Park	**(0.999)**	25,576,879	0.0127		**138,081**
Buffalo					
Burnsville	**(0.810)**	35,799,788	0.0178		**193,272**
Cambridge	**0.000**	7,100,737	0.0035		**38,335**
Champlin	**0.000**	8,725,950	0.0043		**47,109**
Chanhassen	**4.119**			($2,296,803)	
Chaska	**0.000**	11,109,770	0.0055		**59,978**
Chisholm	**3.939**			No adjustment	
Cloquet					
Columbia Heights	**(0.171)**	12,652,397	0.0063		**68,306**
Coon Rapids	**(0.336)**	30,537,501	0.0152		**164,862**
Corcoran					

Municipality	Ratio between 12/31/03 Balance and City's 2003 Construction Allotment	2003 Actual 25 Year Construction Needs	Incentive Factor	Excess Balance Adjustment	Low Balance Incentive
Cottage Grove	**0.000**	$29,179,151	0.0145		**$157,529**
Crookston					
Crystal					
Detroit Lakes					
Duluth	**0.000**	112,100,169	0.0557		**605,193**
Eagan	**0.000**	23,754,270	0.0118		**128,242**
East Bethel	**0.170**	21,490,027	0.0107		**116,018**
East Grand Forks	**(0.330)**	13,138,684	0.0065		**70,932**
Eden Prairie					
Edina					
Elk River	**(0.795)**	22,450,018	0.0111		**121,200**
Fairmont	**0.000**	24,243,194	0.0120		**130,881**
Falcon Heights					
Faribault	**0.000**	24,789,897	0.0123		**133,833**
Farmington					
Fergus Falls					
Forest Lake	**0.136**	21,211,689	0.0105		**114,515**
Fridley	**0.576**	12,529,120	0.0062		**67,641**
Glencoe	**(1.410)**	6,472,998	0.0032		**34,946**
Golden Valley					
Grand Rapids	**(0.098)**	11,280,031	0.0056		**60,897**
Ham Lake					
Hastings	**(0.778)**	11,676,497	0.0058		**63,038**
Hermantown					
Hibbing	**(0.396)**	39,623,878	0.0197		**213,917**
Hopkins	**0.000**	9,665,381	0.0048		**52,180**
Hugo					
Hutchinson	**0.000**	14,517,163	0.0072		**78,374**
International Falls	**0.734**	6,845,845	0.0034		**36,959**
Inver Grove Heights					
La Crescent	**1.000**	5,830,085	0.0029		**31,475**
Lake City					
Lake Elmo	**0.328**	4,731,289	0.0023		**25,543**
Lakeville	**(1.000)**	44,204,628	0.0219		**238,647**
Lino Lakes					
Litchfield	**5.277**			No adjustment	
Little Canada					

Municipality	Ratio between 12/31/03 Balance and City's 2003 Construction Allotment	2003 Actual 25 Year Construction Needs	Incentive Factor	Excess Balance Adjustment	Low Balance Incentive
Little Falls					
Mahtomedi	**0.784**	$5,170,388	0.0026		**$27,913**
Mankato	**0.000**	28,374,738	0.0141		**153,186**
Maple Grove	**(0.596)**	47,875,524	0.0238		**258,465**
Maplewood	**(0.982)**	32,536,605	0.0162		**175,655**
Marshall	**3.291**			($1,538,905)	
Mendota Heights	**0.753**	8,675,654	0.0043		**46,837**
Minneapolis	**0.914**	298,060,853	0.1480		**1,609,136**
Minnetonka	**0.000**	39,840,335	0.0198		**215,085**
Montevideo	**0.000**	5,275,470	0.0026		**28,481**
Monticello					
Moorhead					
Morris	**(3.000)**	5,648,453	0.0028		**30,494**
Mound	**4.510**			(1,129,632)	
Mounds View	**0.890**	9,139,781	0.0045		**49,343**
New Brighton	**(0.313)**	9,782,099	0.0049		**52,810**
New Hope	**1.000**	13,470,258	0.0067		**72,722**
New Prague					
New Ulm	**0.000**	17,794,037	0.0088		**96,064**
North Branch	**0.000**	13,920,381	0.0069		**75,152**
North Mankato	**0.337**	11,995,104	0.0060		**64,758**
North St. Paul					
Northfield	**0.021**	10,884,494	0.0054		**58,762**
Oak Grove	**0.000**	14,069,394	0.0070		**75,956**
Oakdale	**(2.081)**	8,159,172	0.0041		**44,049**
Orono	**0.560**	13,626,614	0.0068		**73,566**
Otsego	**(2.979)**	13,647,153	0.0068		**73,677**
Owatonna	**0.000**	18,019,307	0.0089		**97,281**
Plymouth	**0.002**	46,936,174	0.0233		**253,393**
Prior Lake	**(0.273)**	14,550,365	0.0072		**78,553**
Ramsey	**3.492**			(1,957,091)	
Red Wing	**(2.186)**	21,842,434	0.0108		**117,920**
Redwood Falls	**(2.320)**	8,130,716	0.0040		**43,895**
Richfield	**0.269**	23,192,225	0.0115		**125,207**
Robbinsdale	**4.520**			(1,502,146)	
Rochester	**0.257**	57,364,965	0.0285		**309,695**
Rogers					

Municipality	Ratio between 12/31/03 Balance and City's 2003 Construction Allotment	2003 Actual 25 Year Construction Needs	Incentive Factor	Excess Balance Adjustment	Low Balance Incentive
Rosemount	**0.000**	$19,741,596	0.0098		**$106,579**
Roseville	**0.885**	21,284,654	0.0106		**114,909**
St. Anthony	**(0.830)**	5,899,464	0.0029		**31,849**
St. Cloud	**0.241**	49,796,801	0.0247		**268,837**
St. Francis	**(0.697)**	10,496,126	0.0052		**56,665**
St. Joseph					
St. Louis Park	**0.676**	30,328,566	0.0151		**163,734**
St. Michael	**(2.096)**	15,949,977	0.0079		**86,109**
St. Paul	**0.000**	228,519,561	0.1135		**1,233,704**
St. Paul Park	**7.354**			No adjustment	
St. Peter					
Sartell	**(4.116)**	12,215,325	0.0061		**65,947**
Sauk Rapids	**4.004**			($1,227,471)	
Savage	**(0.118)**	16,658,943	0.0083		**89,936**
Shakopee	**0.000**	15,971,915	0.0079		**86,227**
Shoreview	**(1.306)**	8,892,813	0.0044		**48,009**
Shorewood					
South St. Paul					
Spring Lake Park					
Stewartville					
Stillwater					
Thief River Falls	**0.244**	17,922,972	0.0089		**96,760**
Vadnais Heights	**0.059**	5,712,872	0.0028		**30,842**
Virginia					
Waconia					
Waite Park	**(0.983)**	4,592,365	0.0023		**24,793**
Waseca					
West St. Paul					
White Bear Lake	**(0.693)**	13,525,212	0.0067		**73,018**
Willmar					
Winona					
Woodbury	**(1.003)**	41,427,628	0.0206		**223,655**
Worthington	**3.337**			(1,222,050)	
TOTALS		**$2,014,213,631**	**1.0000**	**($10,874,098)**	**$10,874,098**

Seven cities with over 3 times their January 2003 allotment in their December 31 account balance redistributed $10,874,098 between 81 cities that had less than 1 times their January 2003 allotment in their December 31 account balance.

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 2002)

(For Reference, see Bond Adjustment Resolution)

The average principal and interest on all Bond sales cannot exceed 50 percent of the last construction apportionment preceding the Bond sale.
COLUMN B: Total Disbursements and Obligations: The amount of bond applied toward State Aid projects. A Report Of State Contract must be submitted by December 31 of the previous year to get credit for the expenditure.
COLUMN C: Unencumbered Bond Balance Available: The amount of the bond not applied toward a State Aid project.
COLUMN D: Unamortized Bond Balance: The remaining bond principal to be paid on the issue. This payment is made from the city's construction account. Interest payments are made from the maintenance account and are not reflected in this chart.

The bond account adjustment is computed by using two steps.
Step 1: (A minus B) Amount of issue minus disbursements = unencumbered balance.
Step 2: (D minus C minus E) Unamortized bond balance minus unencumbered balance = bond account adjustment.

Municipality	Date of Issue	(A) Amount of Issue	(B) Total Amount Applied Toward State Aid Projects	(C) (A Minus B) Amount Not Applied Toward State Aid Projects	(D) Remaining Amount of Principal To Be Paid	(E) Off System Disburse-ment	(D minus C minus E) Bond Account Adjustment
Apple Valley	9-09-91	$1,730,000	$1,730,000	$0	$750,000		**$750,000**
Cambridge	8-01-94	650,000	641,142	8,858 *	405,000		**396,142**
Cloquet	12-01-93	835,000	835,000	0	85,000		**85,000**
Maple Grove	11-01-94	3,620,000	3,620,000	0	855,000		**855,000**
Oakdale	11-23-93	887,640	887,640	0	96,024		**96,024**
Rosemount	7-05-94	700,000	0	700,000	165,000		**(535,000)**
Saint Cloud	11-01-92	1,940,000	1,755,000	185,000	110,000		**(75,000)**
TOTAL		**$10,362,640**	**$9,468,782**	**$893,858**	**$2,466,024**	**$0**	**$1,572,166**

* Overhead costs

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 2002)

(For Reference, see Bond Adjustment Resolution)

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

Effective January 1, 1996

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

Bond Account Adjustment (New Method) 2004.xls 23-Jan-04

Municipality	Date of Issue	Amount of Issue	Total Amount Applied Toward State Aid Projects	Amount Not Applied Toward State Aid Projects	Remaining Amount of Principal To Be Paid	Off System Disburse-ment	Year of First Bond Principal Payment	Percentage of issue Applied to Adjustment	Bond Account Adjustment
Andover	6-28-01	$2,755,000	$1,456,029	$1,298,971	$2,470,000		2001	90%	**$2,479,500**
Brooklyn Center	12-01-98	1,945,000	1,945,000	0	1,090,000		1999	70%	**1,361,500**
Eagan	12-01-96	995,000	205,078	789,922	0		1997	50%	**497,500**
Glencoe	08-01-98	1,105,000	0	$1,105,000	950,000		1999	70%	**773,500**
Lakeville	08-21-00	4,290,000	0	$4,290,000	4,055,000	$4,290,000	2001	90%	**3,861,000**
Lakeville	12-01-01	1,080,000	0	$1,080,000	1,035,000		2002	100%	**1,080,000**
North Branch	10-23-00	320,000	161,790	$158,210	190,000		2001	90%	**288,000**
North Branch	8-01-02	785,000	0	$785,000	785,000				**0**
North Mankato	08-01-98	1,900,000	1,900,000	0	1,520,000		1999	70%	**1,330,000**
St. Anthony	07-01-00	950,000	0	950,000	880,000		2002	100%	**950,000**
Sartell	07-24-00	1,650,000	1,650,000	0	1,480,000		2001	90%	**1,485,000**
Savage	06-17-96	717,775	8,051	709,724	522,775		1997	50%	**358,888**
Savage	10-01-97	820,000	820,000	0	690,000		2001	90%	**738,000**
Savage	04-02-00	800,000	0	800,000	745,000		2002	100%	**800,000**
Woodbury*	07-20-01	4,589,700	0	4,589,700	4,464,700		2002	100%	**4,589,700**
TOTAL		**$24,702,475**	**$8,145,948**	**$16,556,527**	**$20,877,475**	**$4,290,000**			**$20,592,588**

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\january 2004 book\Non Existing Bridge Adjustment for 2004 apport.xls 23-Jan-04

Municipality	MSAS Number	Structure Number	First Year of Adjustment	Year of Apport-ionment Expiration	15 Years Amount Expired	Type of Funds	Project Development & Constuction Engineering	Project Needs	Total Needs Adjustment
Bloomington	399		1990	2004			$192,724	$1,070,687	**$1,263,411**
Chaska	107		1997	2011			62,344	346,355	**408,699**
Coon Rapids	120		1999	2013			160,235	890,196	**1,050,431**
Cottage Grove	111		1997	2011			7,872	43,731	**51,603**
Eden Prairie	107		1997	2011			51,335	285,194	**336,529**
Edina	174		1997	2011			168,883	938,240	**1,107,123**
Hutchinson	108		1998	2012			212,207	617,479	**829,686**
Lakeville	122		1996	2010			146,346	813,036	**959,382**
Maple Grove	127	97986	2000	2014		MSAS	17,926	99,588	
	135	27A49	2002	2016		Local Funds	112,919	627,329	
	134	27A40	2002	2016		MSAS	55,935	310,749	
	138	27A69	2003	2017		Local Funds	645,000	3,348,800	
	138	27A69	2004	2018		Local Funds	174,300	1,100,000	**6,492,546**
Minneapolis	419		1996	2010			292,653	1,625,850	**1,918,503**
Moorhead	135		1998	2012			175,284	973,801	**1,149,085**
Plymouth	153		1999	2013			171,465	952,585	
	165-007	27A95	2004	2018		MSAS	311,915	1,559,577	
	164-009	27A68	2004	2018		MSAS	115,462	577,312	**3,688,317**
Ramsey	104		1998	2012			54,554	303,077	**357,631**
Woodbury	108		1996	2010			253,835	1,410,197	**1,664,032**
TOTAL					**$0**		**$3,383,196**	**$17,893,783**	**$21,276,979**

23-Jan-04

PROJECT LISTING OF RIGHT-OF-WAY ACQUISITION

EXCEL\2004\January 2004 Book\Right of Way Projects 2003.xls

MUNICIPALITY	PROJECT	PROJECT AMOUNT	TOTAL ADJUSTMENT
Blaine	106-130-004	$78,408	
	106-130-005	836	**$79,244**
Bloomingtion	107-399-027	101,369	**101,369**
Eagan	195-106-010	225	**225**
Grand Rapids	129-119-004	6,436	**6,436**
Lakeville	188-101-007	24,055	
	188-110-006	6,270	**30,325**
Maplewood	138-104 Local Funds	45,771	
	138-121 Local Funds	9,000	**54,771**
Oak Grove	223-109-002	82,414	**82,414**
Owatonna	153-125-006	2,636	
	153-133-001	640	
	153-134-001	490	**3,766**
Red Wing	156-125-011	417,388	**417,388**
Saint Cloud	162-121-009	67,718	
	162-134-005	28,723	**96,441**
Saint Paul	164-301-001	776,998	**776,998**
Shorewood	216-107-001	30,274	**30,274**
Winona	176-108-011	7,500	**7,500**
Worthington	177-107-005	491	**491**
			$1,687,642

NEEDS ADJUSTMENT FOR RIGHT-OF-WAY ACQUISITION

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

MSAS\EXCEL\2004\OCTOBER 2004 BOOK\Right of Way Adjustment 2004.xls 23-Jan-04

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

MUNICIPALITY	1987-2001 RIGHT-OF-WAY EXPENDITURES	+	2002 RIGHT-OF-WAY EXPENDITURES	-	1987 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2004 APPORTIONMENT
Farmington	**$83,865**		--		--		**$83,865**
Fergus Falls	**128,373**		--		($33,600)		**94,773**
Forest Lake	**72,816**		--		--		**72,816**
Fridley	**95,081**		--		--		**95,081**
Glencoe	**--**		--		--		**--**
Golden Valley	**61,248**		--		(61,248)		**--**
Grand Rapids	**--**		$6,436		--		**6,436**
Ham Lake	**230,161**		--		--		**230,161**
Hastings	**--**		--		--		**--**
Hermantown	**211,100**		--		--		**211,100**
Hibbing	**198,025**		--		(1,500)		**196,525**
Hopkins	**1,000**		--		--		**1,000**
Hugo	**125,690**		--		--		**125,690**
Hutchinson	**341,250**		--		--		**341,250**
International Falls	**--**		--		--		**--**
Inver Grove Heights	**530,332**		--		--		**530,332**
La Crescent	**--**		--		--		**--**
Lake City	**--**		--		--		**--**
Lake Elmo	**87,245**		--		--		**87,245**
Lakeville	**2,933,851**		30,325		--		**2,964,176**
Lino Lakes	**116,502**		--		(64,950)		**51,552**
Litchfield	**--**		--		--		**--**
Little Canada	**--**		--		--		**--**
Little Falls	**412,999**		--		--		**412,999**
Mahtomedi	**--**		--		--		**--**
Mankato	**209,796**		--		--		**209,796**
Maple Grove	**3,023,409**		--		--		**3,023,409**
Maplewood	**--**		54,771		--		**54,771**
Marshall	**14,443**		--		--		**14,443**
Mendota Heights	**8,970**		--		--		**8,970**
Minneapolis	**7,974,804**		--		(3,123,632)		**4,851,172**
Minnetonka	**2,094,013**		--		--		**2,094,013**
Montevideo	**17,121**		--		--		**17,121**
Monticello	**149,510**		--		--		**149,510**
Moorhead	**484,589**		--		--		**484,589**
Morris	**12,879**		--		(2,379)		**10,500**
Mound	**1,309,579**		--		--		**1,309,579**
Mounds View	**--**		--		--		**--**
New Brighton	**--**		--		--		**--**
New Hope	**183,000**		--		--		**183,000**
New Prague	**--**		--		--		**--**
New Ulm	**--**		--		--		**--**
North Branch	**--**		--		--		**--**
North Mankato	**--**		--		--		**--**
North St. Paul	**91,135**		--		--		**91,135**
Northfield	**--**		--		--		**--**
Oak Grove	**46,880**		82,414		--		**129,294**
Oakdale	**664,083**		--		--		**664,083**

MUNICIPALITY	1987-2001 RIGHT-OF-WAY EXPENDITURES	+	2002 RIGHT-OF-WAY EXPENDITURES	-	1987 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2004 APPORTIONMENT
Orono	**$41,351**		--		--		**$41,351**
Otsego	**162,734**		--		--		**162,734**
Owatonna	**--**		$3,766		--		**3,766**
Plymouth	**202,411**		--		--		**202,411**
Prior Lake	**281,658**		--		--		**281,658**
Ramsey	**98,548**		--		--		**98,548**
Red Wing	**40,329**		417,388		--		**457,717**
Redwood Falls	**--**		--		--		**--**
Richfield	**2,799,067**		--		($110,878)		**2,688,189**
Robbinsdale	**--**		--		--		**--**
Rochester	**2,956,452**		--		--		**2,956,452**
Rogers	**--**		--		--		**--**
Rosemount	**--**		--		--		**--**
Roseville	**368,730**		--		--		**368,730**
Saint Anthony	**--**		--		--		**--**
Saint Cloud	**2,233,553**		96,441		(7,590)		**2,322,404**
Saint Francis	**--**		--		--		**--**
Saint Joseph	**--**		--		--		**--**
Saint Louis Park	**521,530**		--		--		**521,530**
Saint Michael	**86,132**		--		--		**86,132**
Saint Paul	**11,566,087**		776,998		--		**12,343,085**
Saint Paul Park	**--**		--		--		**--**
Saint Peter	**26,182**		--		--		**26,182**
Sartell	**121,584**		--		--		**121,584**
Sauk Rapids	**37,569**		--		--		**37,569**
Savage	**--**		--		--		**--**
Shakopee	**--**		--		--		**--**
Shoreview	**25,232**		--		--		**25,232**
Shorewood	**--**		30,274		--		**30,274**
South St. Paul	**--**		--		--		**--**
Spring Lake Park	**188,005**		--		--		**188,005**
Stewartville	**--**		--		--		**--**
Stillwater	**19,061**		--		--		**19,061**
Thief River Falls	**92,358**		--		(2,269)		**90,089**
Vadnais Heights	**--**		--		--		**--**
Virginia	**--**		--		--		**--**
Waconia	**--**		--		--		**--**
Waite Park	**30,278**		--		--		**30,278**
Waseca	**--**		--		--		**--**
West St. Paul	**--**		--		--		**--**
White Bear Lake	**102,250**		--		--		**102,250**
Willmar	**297,616**		--		--		**297,616**
Winona	**--**		7,500		--		**7,500**
Woodbury	**7,860,254**		--		(49,239)		**7,811,015**
Worthington	**--**		491		--		**491**
TOTAL	**$76,922,563**		**$1,687,642**		**($6,026,707)**		**$72,583,498**

Individual Adjustments

2003 positive street lighting Needs adjustment

The method of generating Needs on street lights was revised by the Screening Board at their October 2001 meeting. The method was revised so street lighting Needs were generated only on deficient segments instead of all segments. This revision was implemented in 2002 for the January 2003 allocation. The revision was implemented incorrectly. Some non existing segments were not included when they should have been. The following 73 cities should have received an additional $9,962,160 in Needs in January 2003. These street lighting Needs are being included in the January 2004 allocation as a one time positive adjustment for these cities Needs.

N:\MSAS\EXCEL\2004\JANUARY 2004 BOOK\2002 Street lights on non existing NO NEEDS.xls

City Name	Segment Lengths	Needs Adjustment
Alexandria	0.07	$5,460
Andover	2.20	171,600
Apple Valley	1.81	141,180
Arden Hills	0.82	63,960
Baxter	1.03	80,340
Blaine	6.01	468,780
Bloomington	0.67	52,260
Brooklyn Park	0.58	45,240
Buffalo	2.67	208,260
Cambridge	0.57	44,460
Champlin	2.71	211,380
Coon Rapids	1.65	128,700
Cottage Grove	1.38	107,640
Crookston	0.15	11,700
Duluth	0.93	72,540
Eagan	1.05	81,900
East Bethel	2.46	191,880
East Grand Forks	0.50	39,000
Eden Prairie	0.31	24,180
Elk River	2.87	223,860
Fairmont	0.43	33,540
Farmington	0.74	57,720
Fergus Falls	0.17	13,260
Forest Lake	2.06	160,680
Glencoe	0.15	11,700
Ham Lake	4.20	327,600
Hastings	1.29	100,620
Hibbing	0.27	21,060
Hopkins	0.07	5,460
Hugo	0.61	47,580
Hutchinson	0.62	48,360
Inver Grove Heights	2.34	182,520
Lake City	1.68	131,040
Lake Elmo	0.30	23,400
Lakeville	4.58	357,240
Lino Lakes	2.21	172,380
Little Falls	0.15	11,700

City Name	Segment Lengths	Needs Adjustment
Maple Grove	10.02	$781,560
Maplewood	0.84	65,520
Marshall	0.96	74,880
Mendota Heights	0.64	49,920
Minnetonka	3.38	263,640
Monticello	0.49	38,220
Mound	0.23	17,940
New Brighton	0.42	32,760
New Ulm	1.60	124,800
North St. Paul	0.41	31,980
Oak Grove	3.61	281,580
Otsego	5.01	390,780
Plymouth	0.65	50,700
Prior Lake	5.34	416,520
Ramsey	0.81	63,180
Red Wing	3.50	273,000
Richfield	0.51	39,780
Rochester	2.64	205,920
Rosemount	0.66	51,480
Roseville	1.79	139,620
Sartell	1.80	140,400
Savage	4.25	331,500
Shakopee	6.02	469,560
St. Cloud	2.84	221,520
St. Francis	3.10	241,800
St. Joseph	0.50	39,000
St. Michael	4.41	343,980
St. Paul	4.33	337,740
St. Peter	0.32	24,960
Stillwater	0.18	14,040
Thief River Falls	0.63	49,140
Vadnais Heights	0.80	62,400
Virginia	0.28	21,840
White Bear Lake	0.50	$39,000
Winona	0.37	28,860
Woodbury	1.57	122,460
TOTAL		**$9,962,160**

Individual Adjustments

Brainerd for Trunk Highway Turnback

In January 2002, Brainerd designated two Trunk Highway Turnbacks that they had received from Mn/DOT. They were former TH 18 and 322. These roadways were determined to be eligible for Trunk Highway Turnback funding. Because of this, they are not eligible to generate Needs, but they do receive Trunk Highway Turnback maintenance allowance.
Because of an error in the coding in the Special Messages area of the Needs Update program, these segments did generate Needs in 2002. The Needs these segments generated were:

108-113-020	$181,625
108-113-030	307,633
108-113-040	730,662
108-113-050	615,545
108-122-030	430,670
TOTAL	**$2,226,135**

Also, when segment 122 was extended to accommodate this new designation, segment 117 was renumbered for system continuity. However, one segment of 117 was not deleted when it was renumbered. Segments 108-117-010 and 108-122-040 are the same. Therefore, Brainerd generated Needs on two segments on the same road with the same termini. This resulted in $91,760 in Needs generated incorrectly. Because of these errors, the **2003 Needs for Brainerd should be reduced by $2,357,895.**

These same two Turnbacks received Trunk Highway Turnback Maintenance in 2002. They should not have. The THTB Maintenance received in 2002 was current as of December 31, 2001. These segments did not come on the system until January 2002. So **Brainerd also received $13,104 in THTB maintenance a year too soon.** This is an actual dollar amount allocated to the city and not a Needs adjustment.

Result:

A negative adjustment of $2,357,895 to Brainerd's Needs. Also, $13,104 in THTB Maintenance that was received last year will not be included this year. The THTB Maintenance will be included again in January 2005.

Individual Adjustments

Maple Grove non existing bridge adjustment

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

Result:
In the January 2004 allocation, Maple Grove will receive a one time positive Needs adjustment in the Individual Adjustments column of $645,000 to its 2003 Needs.

Individual Adjustments

St. Francis non existing bridge adjustment

In January 2003, St. Francis received Needs on a non existing bridge on segment 235-106-020. The Needs for this proposed bridge should not have been included in their Needs. According to Screening Board resolutions, non existing bridges receive after the fact Needs. This means that the city receives a positive Needs adjustment for 15 years for the local and Municipal State Aid portion of the costs to build the bridge. Cites also receive 20% for engineering on the bridges.
Because of this incorrect entry, St. Francis received $680,000 for Needs on a non existing bridge, plus $136,000 in engineering for the bridge.

Result:
In the January 2004 allocation, St. Francis will receive a one time positive Needs adjustment in the Individual Adjustments column of $680,000 to its 2003 Needs.

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

Individual Adjustments

Robbinsdale Combination Route

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

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

And

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

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

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

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

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

October 22, 2003

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

Dear Commissioner Molnau:

We, the undersigned, as members of the 2003 Municipal Screening Board, having reviewed all information available in relation to the 25 year money needs of the Municipal State Aid Street System do hereby submit our findings as required by Minnesota Statutes.

We recommend that these findings be modified as required by Screening Board Resolutions, and that any new municipalities that become eligible for State Aid by special census, incorporation, annexation or population estimates have their mileage and resulting money needs established and included in our findings.

This Board, therefore, recommends that the money needs, as listed on the attached, be modified as required and used as the basis for apportioning to the urban municipalities the 2004 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

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

Attachment: Money Needs Listing

2004 ADJUSTED CONSTRUCTION NEEDS RECOMMENDATIONS

Based on the 2003 Needs Study

N:\MSAS\EXCEL\2004\JANUARY 2004 BOOK\2003 Adjusted Construction Needs Recommendations.xls ***23-Jan-04***

Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction Needs
Albert Lea	$17,590,328	Fridley	$12,417,724
Alexandria	11,929,897	Glencoe	7,507,362
Andover	25,222,027	Golden Valley	17,848,115
Anoka	11,150,655	Grand Rapids	11,372,684
Apple Valley	31,838,344	Ham Lake	20,847,280
Arden Hills	5,589,715	Hastings	12,114,256
Austin	30,624,711	Hermantown	11,106,356
Baxter	7,877,518	Hibbing	40,341,657
Bemidji	10,224,700	Hopkins	9,724,021
Big Lake	5,455,343	Hugo	9,814,416
Blaine	27,053,093	Hutchinson	15,814,833
Bloomington	94,784,495	International Falls	6,712,009
Brainerd	8,139,506	Inver Grove Heights	21,277,150
Brooklyn Center	18,343,070	La Crescent	5,673,139
Brooklyn Park	27,748,635	Lake City	5,637,888
Buffalo	14,308,123	Lake Elmo	4,804,161
Burnsville	37,898,364	Lakeville	55,111,183
Cambridge	7,579,674	Lino Lakes	17,948,600
Champlin	9,117,714	Litchfield	7,669,793
Chanhassen	9,718,732	Little Canada	10,897,224
Chaska	11,588,348	Little Falls	15,639,204
Chisholm	5,925,809	Mahtomedi	5,025,827
Cloquet	16,528,587	Mankato	28,737,720
Columbia Heights	12,888,195	Maple Grove	60,809,228
Coon Rapids	33,340,690	Maplewood	33,686,697
Corcoran	6,861,819	Marshall	12,465,822
Cottage Grove	29,954,788	Mendota Heights	8,591,413
Crookston	17,975,355	Minneapolis	299,602,734
Crystal	14,303,225	Minnetonka	42,413,073
Detroit Lakes	8,895,657	Montevideo	5,321,072
Duluth	113,195,557	Monticello	7,178,231
Eagan	24,878,866	Moorhead	32,431,888
East Bethel	21,767,619	Morris	6,090,580
East Grand Forks	13,459,778	Mound	7,757,861
Eden Prairie	38,693,781	Mounds View	8,928,537
Edina	31,918,512	New Brighton	9,998,805
Elk River	23,644,672	New Hope	13,251,017
Fairmont	24,480,778	New Prague	1,670,654
Falcon Heights	1,881,803	New Ulm	16,463,987
Faribault	25,196,730	North Branch	14,283,533
Farmington	14,936,086	North Mankato	13,275,463
Fergus Falls	19,998,909	North St. Paul	7,894,222
Forest Lake	21,496,302	Northfield	10,935,459

Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction Needs
Oak Grove	$14,556,224	Saint Peter	$13,828,874
Oakdale	9,963,328	Sartell	15,313,707
Orono	13,581,560	Sauk Rapids	12,128,688
Otsego	15,024,344	Savage	19,046,113
Owatonna	18,120,354	Shakopee	16,527,702
Plymouth	51,127,677	Shoreview	9,716,054
Prior Lake	15,428,940	Shorewood	7,475,101
Ramsey	14,787,943	South St. Paul	12,153,678
Red Wing	23,691,071	Spring Lake Park	2,631,812
Redwood Falls	8,577,457	Stewartville	4,057,354
Richfield	25,826,480	Stillwater	10,654,066
Robbinsdale	4,998,325	Thief River Falls	18,067,485
Rochester	60,236,988	Vadnais Heights	5,791,651
Rogers	4,340,098	Virginia	13,297,714
Rosemount	19,364,655	Waconia	3,976,720
Roseville	21,265,191	Waite Park	4,823,052
Saint Anthony	7,034,267	Waseca	5,737,363
Saint Cloud	51,506,440	West St. Paul	8,418,461
Saint Francis	10,146,024	White Bear Lake	14,083,577
Saint Joseph	2,276,573	Willmar	18,793,377
Saint Louis Park	30,437,762	Winona	16,286,687
Saint Michael	17,105,250	Woodbury	57,074,102
Saint Paul	242,434,090	Worthington	8,833,035
Saint Paul Park	4,711,698	STATE TOTAL	$2,898,358,498

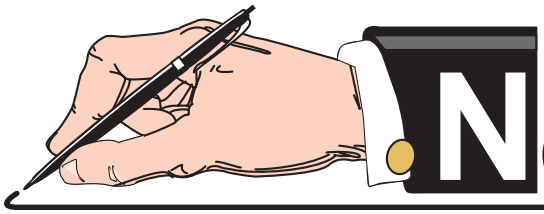
TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE

The following tabulation shows the Trunk Highway Turnback Maintenance allowance for the 2004 Apportionment. All turnbacks eligible for maintenance payments are included in this tabulation as of December 31, 2002. The total turnback maintenance apportionment has been computed in accordance with the 1967 Screening Board Resolution. (See Trunk Highway Turnback resolution.) Maintenance allowance was computed for streets that had turnback projects let in 2002.

Turnback Maintenance Allowance 2004.xls 23-Jan-04

Msas Route No.	Date of Release	Project Number	Plan Approved	Miles Eligible for TB Funding	Miles Const.	Miles Eligible for TB Maint.	Date of MSAS Designation	Maintenance Allowance Eligible Miles X $7,200	Total Turnback Maintenance Allocation
Brainerd									
122 (TH 18)	11-01-00		No	0.37	0.00	0.37	01-02	$2,664	
113 (TH 18 & 322)	11-01-01		No	1.45	0.00	1.45	01-02	10,440	
				1.82	0.00	1.82		$13,104	**$0**
Cambridge									
113 (TH 65)	11-1-94	218-113-02	Yes	2.15	0.29	1.86	12-94	13,392	**13,392**
Chanhassen									
113 & 119 (TH101)	10-31-97		No	0.60	0.00	0.60	7-98	4,320	**4,320**
Duluth									
TH 23				14.61					
126 (TH 23)	12-15-95	118-126-08	Yes		2.36		2-1-96		
152 (TH 23)	12-15-95	118-152-13	Yes		0.21		2-1-96		
147 (TH 23)	12-15-95	118-147-015	Yes		1.12		2-1-96		
147 (TH 23)	12-15-95	118-147-016	Yes		0.46				
173 (TH 23)	**12-15-95**	**118-173-001**	**Yes**		**0.84**				
194 (TH 23)	12-15-95	118-194-001	Yes		0.71	8.91	2-1-96	64,152	
TH 61	12-15-95			1.79					
193 (TH 61)	**12-15-95**	**118-193-001**	**Yes**		**0.84**				
195 (TH61)	**12-15-95**	**118-195-001**	**Yes**	0.00	**0.13**	**0.82**	**2-1-96**	**5,904**	
				16.40	6.67	9.73		70,056	**70,056**
Fergus Falls									
104 (TH 59)	11-1-94		No	1.76	0.00	1.76		12,672	
109 (TH 210)	11-1-94	126-109-11	Yes	1.96	1.21	0.75		5,400	
132 (TH 59)	11-1-94		No	1.40	0.00	1.40	11-94	10,080	
				5.12	1.21	3.91		28,152	**28,152**
Lino Lakes									
103 (TH 49)	11-1-96		No	0.28	0.00	0.28	01-97	2,016	**2,016**
St. Cloud									
115,131,145 (TH15)	10-90	162-145-01	Yes	1.80	1.11	0.69	12-90	4,968	**4,968**
Shakopee									
TH 300				**0.92**					
105 (TH 300)	**4-27-97**		**No**		**0.00**		**12-02**		
122 (TH 300)	**4-27-97**		**No**		**0.00**		**12-02**		
					0.00	**0.92**		**552**	**552**
Virginia									
225 (TH 135)	6-1-96		No	2.50	0.00	2.50	08-96	18,000	**18,000**
TOTAL				**31.59**	**9.28**	**20.49**			**$141,456**

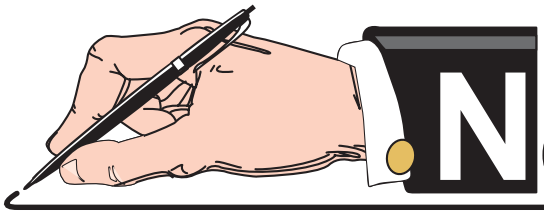
Brainerd received $13,104 for Trunk Highway Maintenance Allocation in January 2003. It should not have been included until January 2004. Brainerd will receive this adjustment again, starting next year, until the road becomes ineligible.



NOTES and COMMENTS

Reference

Material



NOTES and COMMENTS

M.S.A.S. Mileage, Needs and Apportionment 1958 to 2004

Appt. Year	Number of of Municipalities	Needs Mileage	Actual 25 Year Construction Needs	Total Apportionment	Adjusted 25 Year Construction Needs	Total Apportionment Per Needs Mileage	Apportionment Per $1000 of Adjusted Needs
1958	58	920.40	$190,373,337	$7,286,074	$190,373,337	$7,916.20	$19.1363
1959	59	938.36	195,749,800	8,108,428	195,749,800	8,641.06	20.7112
1960	59	968.82	214,494,178	8,370,596	197,971,488	8,639.99	21.1409
1961	77	1131.78	233,276,540	9,185,862	233,833,072	8,116.30	19.6419
1962	77	1140.83	223,014,549	9,037,698	225,687,087	7,922.04	20.0226
1963	77	1161.06	221,458,428	9,451,125	222,770,204	8,140.08	21.2127
1964	77	1177.11	218,487,546	10,967,128	221,441,346	9,317.00	24.7631
1965	77	1208.81	218,760,538	11,370,240	221,140,776	9,406.14	25.7081
1966	80	1271.87	221,992,032	11,662,274	218,982,273	9,169.39	26.6284
1967	80	1309.93	213,883,059	12,442,900	213,808,290	9,498.90	29.0983
1968	84	1372.36	215,390,936	14,287,775	215,206,878	10,411.10	33.1954
1969	86	1412.57	209,136,115	15,121,277	210,803,850	10,704.80	35.8658
1970	86	1427.59	205,103,671	16,490,064	206,350,399	11,550.98	39.9565
1971	90	1467.30	204,854,564	18,090,833	204,327,997	12,329.33	44.2691
1972	92	1521.41	217,915,457	18,338,440	217,235,062	12,053.58	42.2087
1973	94	1580.45	311,183,279	18,648,610	309,052,410	11,799.56	30.1706
1974	95	1608.06	324,787,253	21,728,373	321,833,693	13,512.17	33.7571
1975	99	1629.30	422,560,903	22,841,302	418,577,904	14,019.09	27.2844
1976	101	1718.92	449,383,835	22,793,386	444,038,715	13,260.29	25.6660
1977	101	1748.55	488,779,846	27,595,966	483,467,326	15,782.20	28.5396
1978	104	1807.94	494,433,948	27,865,892	490,165,460	15,413.06	28.3785
1979	106	1853.71	529,996,431	30,846,555	523,460,762	16,640.44	29.4188
1980	106	1889.03	623,880,689	34,012,618	609,591,579	18,005.34	27.8609
1981	109	1933.64	695,487,179	35,567,962	695,478,283	18,394.30	25.5442
1982	105*	1976.17	705,647,888	41,819,275	692,987,088	21,161.78	30.2978
1983	106*	2022.37	651,402,395	46,306,272	631,554,858	22,897.03	36.5498
1984	106*	2047.23	635,420,700	48,580,190	613,448,456	23,729.72	39.7013
1985	107*	2110.52	618,275,930	56,711,674	589,857,835	26,870.95	48.1983
1986	107	2139.42	552,944,830	59,097,819	543,890,225	27,623.29	54.3012
1987	107	2148.07	551,850,149	53,101,745	541,972,837	24,720.68	48.9738
1988	108	2171.89	545,457,364	58,381,022	529,946,820	26,880.28	55.0588
1989	109	2205.05	586,716,169	76,501,442	588,403,918	34,693.74	64.9777
1990	112	2265.64	969,735,729	81,517,107	969,162,426	35,979.73	41.9909
1991	113	2330.30	1,289,813,259	79,773,732	1,240,127,592	34,233.25	32.1058
1992	116**	2376.79	1,374,092,030	81,109,752	1,330,349,165	34,125.75	30.4150
1993	116	2410.53	1,458,214,849	82,954,222	1,385,096,428	34,413.27	29.8910
1994	117	2471.04	1,547,661,937	80,787,856	1,502,960,398	32,693.87	26.8269
1995	118	2526.39	1,582,491,280	81,718,700	1,541,396,875	32,346.04	26.4612
1996	119	2614.71	1,652,360,408	90,740,650	1,638,227,013	34,703.91	27.6275
1997	122	2740.46	1,722,973,258	90,608,066	1,738,998,615	33,063.09	25.9148
1998	125	2815.99	1,705,411,076	93,828,258	1,746,270,860	33,319.81	26.7316
1999	126	2859.05	1,927,808,456	97,457,150	1,981,933,166	34,087.25	24.4674
2000	127	2910.87	2,042,921,321	103,202,769	2,084,650,298	35,454.27	24.6423
2001	129	2972.16	2,212,783,436	108,558,171	2,228,893,216	36,525.01	24.2606
2002	130	3020.39	2,432,537,238	116,434,082	2,441,083,093	38,549.35	23.7741
2003	131	3080.67	2,677,069,498	108,992,464	2,663,903,876	35,379.47	20.3866
2004	133	3116.44	2,823,888,537	110,890,581	2,898,358,498	35,582.45	19.0811

* Excluded Ely, Luverne, Pipestone, St. Paul Park which dropped below 5,000 population but

YEARLY APPORTIONMENT COMPARISONS

YEARLY APP COMPARISONS 2004.xls 23-Jan-04

Apportionment Year	Population	Population Apportionment per Capita	Percent Increase From 1958	Construction Needs Apportionment per $1000 of Adjusted Const. Needs	Percent Increase From 1958
1958	1,528,861	$2.38		$19.14	
1959	1,534,587	2.64	10.9%	20.71	8.2%
1960	1,534,587	2.73	14.7%	21.14	10.5%
1961	1,920,742	2.39	0.4%	19.64	2.6%
1962	1,920,742	2.35	-1.3%	20.02	4.6%
1963	1,920,742	2.46	3.4%	21.21	10.9%
1964	1,920,742	2.46	3.4%	24.76	29.4%
1965	1,920,742	2.96	24.4%	25.71	34.3%
1966	1,951,085	2.99	25.6%	26.63	39.2%
1967	1,951,448	3.19	34.0%	29.10	52.1%
1968	2,139,734	3.34	40.3%	33.20	73.5%
1969	2,153,747	3.51	47.5%	35.87	87.4%
1970	2,153,747	3.83	60.9%	39.96	108.8%
1971	2,286,488	3.96	66.4%	44.27	131.3%
1972	2,304,433	3.98	67.2%	42.21	120.6%
1973	2,327,882	4.00	68.1%	30.17	57.7%
1974	2,333,683	4.65	95.4%	33.76	76.4%
1975	2,361,895	4.83	102.9%	27.28	42.6%
1976	2,386,993	4.77	100.4%	25.67	34.1%
1977	2,391,494	5.77	142.4%	28.54	49.1%
1978	2,421,215	5.75	141.6%	28.38	48.3%
1979	2,436,708	6.32	165.5%	29.42	53.7%
1980	2,447,492	6.94	191.6%	27.86	45.6%
1981	2,465,725	7.25	204.6%	25.54	33.5%
1982	2,450,066	8.51	257.6%	30.30	58.3%
1983	2,455,653	9.41	295.4%	36.55	91.0%
1984	2,455,813	9.97	318.9%	39.70	107.5%
1985	2,461,133	11.52	384.0%	48.20	151.9%
1986	2,493,667	11.84	397.5%	54.30	183.8%
1987	2,516,111	10.55	343.3%	48.97	155.9%
1988	2,523,928	11.57	386.1%	55.06	187.7%
1989	2,535,147	15.09	534.0%	64.98	239.6%
1990	2,558,117	15.93	569.3%	41.99	119.4%
1991	2,564,600	15.55	553.4%	32.11	67.8%
1992	2,808,378	14.44	506.7%	30.41	58.9%
1993	2,808,763	14.77	520.6%	29.89	56.2%
1994	2,821,276	14.32	501.7%	26.83	40.2%
1995	2,835,597	14.40	505.0%	26.46	38.3%
* 1996	2,975,653	15.25	540.8%	27.63	44.4%
1997	3,028,637	14.96	528.6%	25.91	35.4%
1998	3,081,724	15.22	539.5%	26.73	39.7%
1999	3,125,088	15.59	555.0%	24.47	27.9%
2000	3,165,010	16.30	584.9%	24.64	28.8%
2001	3,226,506	16.82	606.7%	24.26	26.8%
2002	3,284,738	17.72	644.5%	23.77	24.2%
2003	3,331,862	16.38	588.2%	20.39	6.6%
2004	3,385,278	16.36	587.4%	19.08	-0.3%

* Used estimate and census beginning in 1996.

APPORTIONMENT COMPARISON PER NEED MILE

APPORT COMPARISON PER NEED MILE 2004.xls 23-Jan-04

Municipality	Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Allocation Per Need Mile	General Maintenance Allocation Per Improved Mile
Albert Lea	18.74	$16,051	$17,922	$33,973	$25,472	$8,491
Alexandria	15.90	10,173	14,326	24,499	18,367	6,150
Andover	36.72	12,785	13,115	25,900	18,124	10,150
Anoka	12.64	23,480	16,844	40,324	30,235	10,078
Apple Valley	35.54	22,010	16,686	38,696	36,785	2,766
Arden Hills	7.42	21,323	14,384	35,707	26,773	10,314
Austin	27.70	13,996	21,109	35,105	31,793	3,314
Baxter	12.77	7,857	11,778	19,635	18,249	1,500
Bemidji	16.25	12,786	12,014	24,800	18,594	6,198
Big Lake	6.37	18,700	16,352	35,052	26,281	8,760
Blaine	40.52	19,431	12,748	32,179	24,128	10,280
Bloomington	75.02	18,645	24,124	42,769	27,789	15,186
Brainerd	16.12	13,884	9,641	23,525	22,034	1,500
Brooklyn Center	21.56	22,169	16,244	38,413	32,937	5,466
Brooklyn Park	48.08	23,368	11,019	34,387	25,786	10,067
Buffalo	14.17	13,202	19,279	32,481	24,352	10,495
Burnsville	44.05	22,643	16,427	39,070	29,295	9,868
Cambridge	11.07	8,649	14,283	22,932	17,448	7,016
Champlin	17.01	21,780	10,234	32,014	24,006	9,518
Chanhassen	22.27	15,698	8,526	24,224	22,712	1,722
Chaska	15.13	20,525	14,624	35,149	26,355	9,042
Chisholm	7.99	10,249	14,161	24,410	18,301	6,100
Cloquet	20.14	9,253	15,670	24,923	16,193	8,772
Columbia Heights	12.53	24,441	19,639	44,080	28,644	15,424
Coon Rapids	41.82	24,351	15,222	39,573	38,086	1,500
Corcoran	14.80	6,415	8,852	15,267	9,920	5,342
Cottage Grove	31.44	16,141	18,191	34,332	33,114	1,500
Crookston	11.71	11,458	29,309	40,767	30,561	10,187
Crystal	17.88	20,922	15,274	36,196	23,521	12,736
Detroit Lakes	13.33	9,294	12,742	22,036	16,521	5,507
Duluth	112.18	12,603	19,891	32,494	22,737	10,767

Municipality	Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Allocation Per Need Mile	General Maintenance Allocation Per Improved Mile
Eagan	46.15	$22,962	$10,293	$33,255	$31,797	$1,500
East Bethel	26.91	6,815	15,445	22,260	16,688	7,084
East Grand Forks	15.19	8,161	16,918	25,079	18,802	6,481
Eden Prairie	45.40	20,563	16,273	36,836	35,406	1,500
Edina	40.27	19,347	15,134	34,481	25,853	8,618
Elk River	30.42	9,735	14,841	24,576	23,384	1,500
Fairmont	19.49	9,151	23,983	33,134	31,651	1,500
Falcon Heights	2.54	35,981	14,146	50,127	32,576	17,541
Faribault	22.80	15,428	21,100	36,528	27,386	9,129
Farmington	13.85	16,857	20,591	37,448	28,076	12,451
Fergus Falls	24.32	9,228	16,858	26,086	19,558	8,024
Forest Lake	22.35	11,060	18,364	29,424	22,059	8,484
Fridley	24.81	18,128	9,556	27,684	20,759	6,920
Glencoe	6.98	13,021	20,536	33,557	21,803	13,196
Golden Valley	23.57	14,340	14,458	28,798	21,591	7,366
Grand Rapids	11.47	11,795	18,931	30,726	23,035	7,956
Ham Lake	26.51	8,375	15,015	23,390	22,117	1,500
Hastings	19.27	16,321	12,003	28,324	21,237	7,587
Hermantown	14.08	9,513	15,061	24,574	19,948	4,616
Hibbing	51.31	5,449	15,012	20,461	15,338	5,263
Hopkins	9.32	30,857	19,921	50,778	38,074	12,787
Hugo	16.79	7,706	11,161	18,867	14,145	4,893
Hutchinson	16.65	13,188	18,136	31,324	29,868	1,500
International Falls	8.06	13,629	15,900	29,529	28,019	1,500
Inver Grove Heights	23.86	21,079	17,026	38,105	28,571	10,559
LaCrescent	5.66	14,547	19,138	33,685	32,172	1,500
Lake City	6.50	12,984	16,561	29,545	22,151	9,957
Lake Elmo	11.42	10,594	8,032	18,626	13,688	5,066
Lakeville	51.95	14,592	20,255	34,847	28,875	6,554
Lino Lakes	20.55	14,300	16,774	31,074	23,298	14,416
Litchfield	8.58	12,681	17,068	29,749	19,329	10,408
Little Canada	10.49	15,340	19,835	35,175	26,371	8,790
Little Falls	15.98	8,416	18,686	27,102	25,748	1,500
Mahtomedi	8.62	15,257	11,132	26,389	24,902	1,500
Mankato	33.27	16,425	16,492	32,917	24,680	8,697
Maple Grove	49.10	18,014	23,647	41,661	31,234	13,944

Municipality	Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Allocation Per Need Mile	General Maintenance Allocation Per Improved Mile
Maplewood	31.71	$18,548	$20,284	$38,832	$27,173	$11,963
Marshall	15.48	13,520	15,376	28,896	27,498	1,500
Mendota Heights	14.39	13,203	11,400	24,603	18,446	6,435
Minneapolis	203.00	30,887	28,179	59,066	38,382	20,853
Minnetonka	49.89	16,887	16,232	33,119	31,710	1,500
Montevideo	8.25	10,887	12,315	23,202	21,694	1,500
Monticello	9.04	16,935	15,161	32,096	24,064	9,226
Moorhead	29.74	17,938	20,822	38,760	33,682	5,415
Morris	8.11	10,516	14,339	24,855	18,634	6,320
Mound	8.05	19,247	18,400	37,647	28,227	9,979
Mounds View	12.51	16,758	13,627	30,385	22,782	7,594
New Brighton	14.92	24,436	12,796	37,232	27,917	11,081
New Hope	12.70	26,966	19,922	46,888	35,156	11,774
New Prague	5.52	14,892	5,779	20,671	15,500	5,942
New Ulm	15.33	14,524	20,506	35,030	33,673	1,500
North Branch	22.53	6,527	12,105	18,632	13,968	4,807
North Mankato	13.38	14,944	18,944	33,888	25,207	8,669
North St. Paul	11.40	17,181	13,222	30,403	22,796	8,534
Northfield	12.36	23,648	16,893	40,541	30,397	10,586
Oak Grove	19.50	5,955	14,253	20,208	15,149	6,197
Oakdale	18.39	24,492	10,344	34,836	25,965	8,864
Orono	12.58	9,927	20,613	30,540	22,896	7,632
Otsego	16.37	8,214	17,524	25,738	19,295	11,177
Owatonna	18.19	20,783	19,020	39,803	38,295	1,500
Plymouth	54.72	20,301	17,840	38,141	28,597	10,472
Prior Lake	17.58	15,993	16,757	32,750	24,554	11,756
Ramsey	29.32	10,519	9,630	20,149	16,391	5,309
Red Wing	23.82	11,186	18,990	30,176	19,607	13,023
Redwood Falls	7.87	11,361	20,810	32,171	24,118	9,572
Richfield	25.08	22,495	19,662	42,157	31,608	10,755
Robbinsdale	9.51	24,323	10,035	34,358	32,858	1,500
Rochester	66.55	22,466	17,282	39,748	35,763	4,186
Rogers	7.71	10,643	10,748	21,391	16,038	6,691
Rosemount	25.93	10,176	14,259	24,435	23,334	1,638
Roseville	28.70	19,460	14,147	33,607	25,199	8,958

Municipality	Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Allocation Per Need Mile	General Maintenance Allocation Per Improved Mile
St. Anthony	5.63	$23,570	$23,856	$47,426	$35,557	$11,853
St. Cloud	60.26	16,668	16,060	32,728	24,795	9,268
St. Francis	10.37	8,971	18,681	27,652	20,730	10,679
St. Joseph	3.47	23,713	12,527	36,240	34,948	1,500
St. Louis Park	31.19	23,496	18,633	42,129	27,376	14,962
St. Michael	18.88	9,713	17,299	27,012	20,251	9,887
St. Paul	165.13	28,534	28,032	56,566	36,756	20,395
St. Paul Park	4.92	16,961	18,285	35,246	26,426	8,809
St. Peter	14.24	11,478	18,542	30,020	28,597	1,500
Sartell	14.28	12,574	20,475	33,049	26,922	7,782
Sauk Rapids	11.87	15,762	19,509	35,271	33,759	1,500
Savage	24.92	15,261	14,593	29,854	25,021	5,881
Shakopee	24.53	15,960	12,887	28,847	21,629	8,860
Shoreview	18.57	23,353	9,990	33,343	31,968	1,500
Shorewood	8.24	15,086	17,321	32,407	24,297	8,099
South St. Paul	16.82	19,780	13,796	33,576	25,175	8,392
Spring Lake Park	5.82	19,207	8,634	27,841	20,876	6,959
Stewartville	3.99	22,807	19,416	42,223	31,657	10,552
Stillwater	15.45	17,268	13,166	30,434	22,819	7,871
Thief River Falls	15.06	9,186	22,906	32,092	24,058	8,370
Vadnais Heights	8.32	26,083	13,291	39,374	29,524	10,888
Virginia	15.93	9,415	17,068	26,483	19,855	8,017
Waconia	5.53	22,509	13,730	36,239	34,755	1,500
Waite Park	6.12	17,904	15,047	32,951	31,620	1,500
Waseca	6.42	24,805	17,063	41,868	31,393	10,464
West St. Paul	13.54	23,769	11,871	35,640	26,770	8,863
White Bear Lake	20.35	19,840	13,214	33,054	24,784	8,469
Willmar	23.91	12,681	15,007	27,688	20,759	6,920
Winona	21.77	20,365	14,284	34,649	25,980	8,810
Woodbury	46.03	17,496	23,674	41,170	27,953	15,346
Worthington	11.39	16,230	14,807	31,037	25,760	5,268
State Total & Avg.	**3,116.44**	**$16,514**	**$16,388**	**$32,901**	**$25,913**	**$9,140**

Certification of MSAS System as Complete

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

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

When a system is certified as complete, the certification shall be good for two years. The dollar amount eligible for use on local streets will be based on the population portion of the annual construction apportionment. The beginning construction account figure for this calculation shall be the construction account balance from December 31 of the year preceding certification plus the amount of the current years construction account which is not generated by construction needs.

The dollar amount eligible to be spent on local street systems is determined as follows:

> Determine what percentage the population apportionment is of the total apportionment. This percent is then multiplied times the construction allotment. This is the amount of the construction allotment that is generated from the population apportionment. Only its construction allotment is used because the city has already received its maintenance allotment. This is done for each year that there is less money in the city's unencumbered construction fund account than was generated by its population apportionment.
>
> Population Apportionment / Total Apportionment * Construction Allocation = Local Amount Available.

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

CERTIFIED COMPLETE MSAS SYSTEM

January 2004 Allocation

January 23, 2004

YEAR	CITY	YEAR CERTIFIED	YEAR RECERTIFIED	GENERAL FUND ADVANCE REPAYMENT	BEGINNING LOCAL AMOUNT AVAILABLE	CONSTRUCTION ALLOCATION MINUS GF ADVANCE REPAYMENT IF ANY	PERCENT OF CONSTRUCTION ALLOCATION BASED ON POPULATION	POPULATION PORTION OF CONSTRUCTION ALLOCATION	TOTAL LOCAL AMOUNT AVAILABLE	TOTAL LOCAL AMOUNT RELEASED	YEAR END LOCAL AMOUNT AVAILABLE
1998											
	Fridley	1998			$778,401					$393,027	
1999											
	Fridley	1998			$385,374						
	Columbia Heights	1999			$1,023,216						
2000											
	Fridley	1998	2000		$608,479					$608,479	
	Columbia Heights	1999			1,256,475					190,000	
	Falcon Heights	2000			318,325						
2001											
	Fridley	2000			$0			$337,065	**$337,065**		
	Columbia Heights	1999	2001		1,066,475			238,590	**1,305,065**	$189,000	
	Falcon Heights	2000			318,325			58,983	**377,308**	350,947	
	South St. Paul	2001			0				**1,287,810**		
2002											
	Fridley	2000	2002		$337,065			$340,544	**$677,609**	$335,000	$342,609
	Columbia Heights	2001			1,052,535			246,179	**1,298,714**	9,000	1,289,714
	Falcon Heights	2000	2002		26,361			64,191	**90,552**	43,065	47,487
	South St. Paul	2001			1,287,810			268,073	**1,555,883**	1,555,883	0
2003											
	Fridley	2002			$342,609			$314,500	**$657,109**	$330,000	$327,109
	Columbia Heights	2001	2003		1,289,714			196,990	**0**	0	0
	Falcon Heights	2002			47,487			59,323	**106,810**	106,810	0
	South St. Paul	2001	2003		0			247,476	**247,476**	0	247,476
2004											
	Fridley	2002			$327,109	$515,020	65.49%	$337,287	**$664,396**		
	Columbia Heights	2001		$61,662	0	297,245	55.46%	164,852	**164,852**		
	Falcon Heights	2002			0	82,744	71.79%	59,402	**59,402**		
	South St. Paul	2001			247,476	423,449	58.93%	249,538	**497,014**		

n:/msas/excel/2004/january 2004 book/Certified Complete Revised.xls

AMOUNTS ADVANCED IN 2003

As of December 31, 2003

Fund 250

2003 Maximum Allowable to Advance	$42,000,000.00
Less Actual Advances in 2003	16,841,852.14
Less Outstanding Reserve Amount	524,975.08
Remaining Available to Advance in 2003	**$24,633,172.78**

THE AMOUNT AVAILABLE TO ADVANCE FOR 2004 IS NOT AVAILABLE AT THIS TIME

CITY NAME	RESOLUTION AMOUNT	YEAR	REQUEST TO RESERVE ADVANCE FUNDING	ADVANCE AMOUNT
Blaine	$641,930.71	2003	-	$641,930.71
Brooklyn Park	1,263,417.00	2003	-	1,262,592.19
Burnsville	1,100,000.00	2003	$1,100,000.00	1,041,705.39
Coon Rapids	700,000.00	2003	700,000.00	535,075.69
East Grand Forks	600,000.00	2003	-	89,462.23
Elk River	750,000.00	2003	-	549,542.33
Glencoe	455,928.00	2003	-	214,217.67
Grand Rapids	750,000.00	2003	-	25,320.00
Hastings	750,000.00	2003	-	274,101.45
Hibbing	286,276.93	2003	286,276.93	286,276.93
Lakeville	1,446,110.00	2003	1,446,110.00	1,446,110.00
Maplewood	1,000,000.00	2003	1,000,000.00	854,146.47
Maple Grove	1,016,419.40	2003	-	877,724.40
Morris	401,133.00	2003	401,133.00	401,133.00
New Brighton	750,000.00	2003	-	131,135.82
Oakdale	1,000,000.00	2003	-	1,000,000.00
Otsego	750,000.00	2003	-	750,000.00
Prior Lake	1,000,000.00	2003	-	101,844.30
Red Wing	1,000,000.00	2003	-	1,000,000.00
Redwood Falls	520,995.00	2003	-	402,846.42
Sartell	1,586,737.00	2003	-	1,285,451.18
Savage	400,000.00	2003	-	68,845.60
Shoreview	750,000.00	2003	-	750,000.00
St. Francis	180,000.00	2003	-	167,432.67
St. Michael	900,000.00	2003	-	639,052.25
Waite Park	500,000.00	2003	-	175,616.21
White Bear Lake	500,000.00	2003	500,000.00	344,097.37
Woodbury	1,235,612.47	2003	-	1,235,612.47
TOTAL	**$22,234,559.51**		**$5,433,519.93**	**$16,551,272.75**

JANUARY 2004 BOOK\GENERAL FUND ADVANCES BEFORE ALLOCATION.XLS

HISTORY OF GENERAL FUND ADVANCES

N:\MSAS\EXCEL\2004\JANUARY 2004 BOOK\HISTORY OF GENERAL FUND ADVANCES.XLS

Year of Advance	No. of Cities Advancing	Amount Advanced from Future Allocations
1996	23	$10,473,663
1997	13	6,063,183
1998	27	13,715,309
1999	19	9,506,944
2000	23	15,811,137
2001	15	9,155,190
2002	18	10,794,007
2003	28	16,551,273

MSAS GENERAL FUND ADVANCES

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

Guidelines

General Fund Advance for State Aid Projects

Any city may advance up to a cumulative maximum of five times its annual construction allotment or $4,000,000 whichever is less. This amount may be exceeded by advances for Federal Aid projects.

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

A City Council Resolution is required to advance funds for an MSAS project. A sample resolution can be found in the State Aid manual (Fig. I 5-892.563). The City Council Resolution can be passed at any time, but must be submitted with or prior to, any payment requests. It need not be project specific, but must include the maximum amount of advance the City Council is authorizing for financing approved Municipal State Aid Street projects. **A mutually acceptable repayment schedule not to exceed five years shall be included in the resolution.** The resolution should be mailed directly to State Aid Finance. The resolution does not reserve the funds. The funds are paid on a first come first served basis established by payment requests. As payment requests are processed by State Aid Finance, the amount on the 'State Aid Payment Request' form (up to the resolution/allowable amount) will be deducted from the city's account.

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

General Fund Advance for Federal Aid Projects

Cities may advance for Federal Projects that are programmed by the ATP in the STIP and are eligible for State Aid financing**.** Repayment to the General Fund will be made at the time federal funds are converted. The city will agree to authorize repayments from their state aid account or from local funds under a mutually acceptable repayment schedule

should said project fail to receive Federal funds for any reason. (Fig. J 5-892.563 in the State Aid manual)

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

Additional Guidelines

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

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

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

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

RELATIONSHIP OF CONSTRUCTION BALANCE TO CONSTRUCTION ALLOTMENT

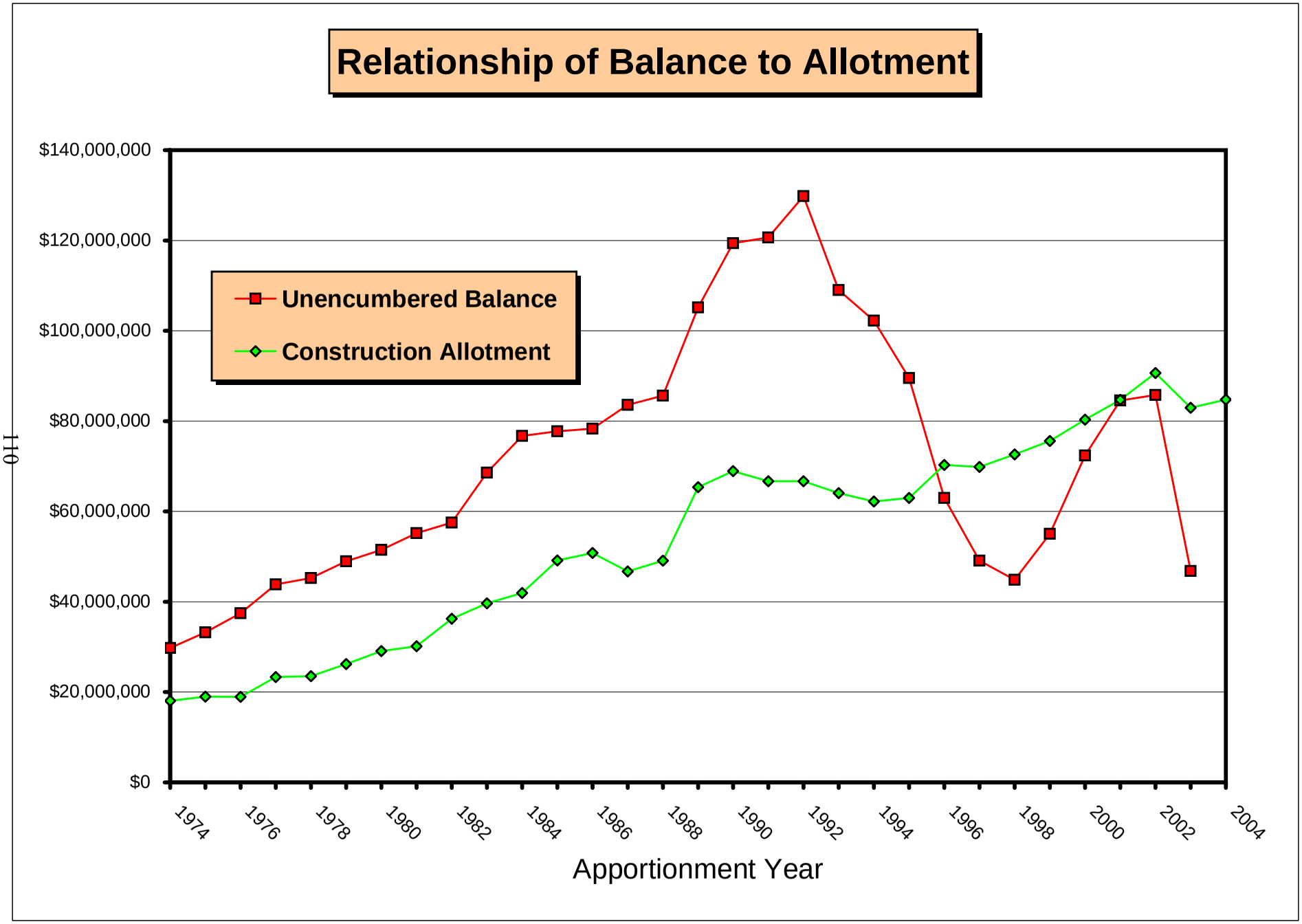
The amount spent on construction projects is computed by the difference between the previous year's and current years unencumbered construction balances plus the current years construction apportionment.

JANUARY 2004 BOOK/RELATIONSHIP OF CONSTRUCTION BALANCE TO ALLOTMENT.XLS 23-Jan-04

App. Year		No. of Municipalities	Needs Mileage	January Construction Allotment	31-Dec Unencumbered Construction Balance	Amount Spent on Construction Projects	Ratio of Construction Balance to Construction Allotment	Ratio of Amount spent to Amount Received
1973		94	1,580.45	$15,164,273	$26,333,918	$12,855,250	1.7366	0.8477
1974		95	1608.06	18,052,386	29,760,552	14,625,752	1.6486	0.8102
1975		99	1629.30	19,014,171	33,239,840	15,534,883	1.7482	0.8170
1976		101	1718.92	18,971,282	37,478,614	14,732,508	1.9755	0.7766
1977		101	1748.55	23,350,429	43,817,240	17,011,803	1.8765	0.7285
1978		104	1807.94	23,517,393	45,254,560	22,080,073	1.9243	0.9389
1979		106	1853.71	26,196,935	48,960,135	22,491,360	1.8689	0.8585
1980		106	1889.03	29,082,865	51,499,922	26,543,078	1.7708	0.9127
1981		106	1933.64	30,160,696	55,191,785	26,468,833	1.8299	0.8776
1982		105	1976.17	36,255,443	57,550,334	33,896,894	1.5874	0.9349
1983		106	2022.37	39,660,963	68,596,586	28,614,711	1.7296	0.7215
1984		106	2047.23	41,962,145	76,739,685	33,819,046	1.8288	0.8059
1985		107	2110.52	49,151,218	77,761,378	48,129,525	1.5821	0.9792
1986		107	2139.42	50,809,002	78,311,767	50,258,613	1.5413	0.9892
1987	*	107	2148.07	46,716,190	83,574,312	41,453,645	1.7890	0.8874
1988		108	2171.89	49,093,724	85,635,991	47,032,045	1.7443	0.9580
1989		109	2205.05	65,374,509	105,147,959	45,862,541	1.6084	0.7015
1990		112	2265.64	68,906,409	119,384,013	54,670,355	1.7326	0.7934
1991		113	2330.30	66,677,426	120,663,647	65,397,792	1.8097	0.9808
1992		116	2376.79	66,694,378	129,836,670	57,521,355	1.9467	0.8625
1993		116	2410.53	64,077,980	109,010,201	84,904,449	1.7012	1.3250
1994		117	2471.04	62,220,930	102,263,355	68,967,776	1.6436	1.1084
1995		118	2526.39	62,994,481	89,545,533	75,712,303	1.4215	1.2019
1996		119	2614.71	70,289,831	62,993,508	96,841,856	0.8962	1.3778
1997	**	122	2740.46	69,856,915	49,110,546	83,739,877	0.7030	1.1987
1998		125	2815.99	72,626,164	44,845,521	76,891,189	0.6175	1.0587
1999		126	2859.05	75,595,243	55,028,453	65,412,311	0.7279	0.8653
2000		127	2910.87	80,334,284	72,385,813	62,976,924	0.9011	0.7839
2001		129	2972.16	84,711,549	84,583,631	72,513,731	0.9985	0.8560
2002		130	3020.39	90,646,885	85,771,900	89,458,616	0.9462	0.9869
2003		131	3080.67	82,974,496	46,835,689	121,910,707	0.5645	1.4693
2004		133	3116.44	84,740,941				

* The date for the unencumbered balance deduction was changed from June 30 to September 1. Effective September 1,1986.

** The date for the unencumbered balance deduction was changed from September 1 to December 31. Effective December 31,1996.


Relationship of Balance to Allotment
$140,000,000
$120,000,000
$100,000,000
$80,000,000
$60,000,000
$40,000,000
$20,000,000
$0
Unencumbered Balance
Construction Allotment
1974
1976
1978
1980
1982
1984
1986
1988
1990
1992
1994
1996
1998
2000
2002
2004
Apportionment Year

2003 ADEQUATE & DEFICIENT MILES

As of December 31, 2003

N:\MSAS\EXCEL\2004\JANUARY 2004 BOOK\ADEQUATE & DEFICIENT MILES 2003 FINAL.XLS 23-Jan-04

DISTRICT 1

DIST	CITY NAME	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
1	CHISHOLM	3.42	4.57	57.20%
1	CLOQUET	7.67	12.47	61.92%
1	DULUTH	23.82	88.36	78.77%
1	GRAND RAPIDS	3.38	8.09	70.53%
1	HERMANTOWN	4.73	9.35	66.41%
1	HIBBING	15.51	35.80	69.77%
1	INTERNATIONAL FALLS	2.98	5.08	63.03%
1	VIRGINIA	3.69	12.24	76.84%
	DISTRICT 1 TOTAL	**65.20**	**175.96**	**72.96%**

DISTRICT 2

DIST	CITY NAME	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
2	BEMIDJI	10.15	6.10	37.54%
2	CROOKSTON	5.11	6.60	56.36%
2	EAST GRAND FORKS	6.84	8.35	54.97%
2	THIEF RIVER FALLS	4.18	10.88	72.24%
	DISTRICT 2 TOTAL	**26.28**	**31.93**	**54.85%**

DISTRICT 3

DIST	CITY NAME	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
3	BAXTER	5.96	6.81	53.33%
3	BIG LAKE	2.10	4.27	67.03%
3	BRAINERD	6.10	10.02	62.16%
3	BUFFALO	4.29	9.88	69.72%
3	CAMBRIDGE	4.42	6.65	60.07%
3	ELK RIVER	13.95	16.47	54.14%
3	LITTLE FALLS	4.26	11.72	73.34%
3	MONTICELLO	2.84	6.20	68.58%
3	OTSEGO	6.14	10.23	62.49%
3	SARTELL	4.99	9.29	65.06%
3	SAUK RAPIDS	3.95	7.92	66.72%
3	ST CLOUD	25.66	34.60	57.42%
3	ST JOSEPH	1.66	1.81	52.16%
3	ST MICHAEL	2.02	16.86	89.30%
3	WAITE PARK	3.69	2.43	39.71%
	DISTRICT 3 TOTAL	**92.03**	**155.16**	**62.77%**

DISTRICT 4

DIST	CITY NAME	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
4	ALEXANDRIA	7.37	8.53	53.65%
4	DETROIT LAKES	5.64	7.69	57.69%
4	FERGUS FALLS	7.04	17.28	71.05%
4	MOORHEAD	11.18	18.56	62.41%
4	MORRIS	4.17	3.94	48.58%
	DISTRICT 4 TOTAL	**35.40**	**56.00**	**61.27%**

METRO WEST

DIST	CITY NAME	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
5	ANDOVER	14.72	22.00	59.91%
5	ANOKA	4.02	8.62	68.20%
5	BLOOMINGTON	14.99	60.03	80.02%
5	BROOKLYN CENTER	9.73	11.83	54.87%
5	BROOKLYN PARK	27.54	20.54	42.72%
5	CHAMPLIN	11.30	5.71	33.57%
5	CHANHASSEN	10.17	12.10	54.33%
5	CHASKA	6.68	8.45	55.85%
5	COLUMBIA HEIGHTS	2.01	10.52	83.96%
5	COON RAPIDS	18.30	23.52	56.24%
5	CORCORAN	4.36	10.44	70.54%
5	CRYSTAL	7.03	10.85	60.68%
5	EAST BETHEL	3.82	23.09	85.80%
5	EDEN PRAIRIE	13.65	31.75	69.93%
5	EDINA	12.46	27.81	69.06%
5	FRIDLEY	9.97	14.84	59.81%
5	GOLDEN VALLEY	10.53	13.04	55.32%
5	HAM LAKE	10.21	16.30	61.49%
5	HOPKINS	2.42	6.90	74.03%
5	LINO LAKES	4.61	15.94	77.57%
5	MAPLE GROVE	20.71	28.39	57.82%
5	MINNEAPOLIS	41.70	161.30	79.46%
5	MINNETONKA	21.21	28.68	57.49%
5	MOUND	0.37	7.68	95.40%
5	NEW HOPE	3.84	8.86	69.76%
5	OAK GROVE	6.67	12.83	65.79%
5	ORONO	1.69	10.89	86.57%
5	PLYMOUTH	19.59	35.13	64.20%
5	PRIOR LAKE	5.40	12.18	69.28%
5	RAMSEY	12.76	16.56	56.48%
5	RICHFIELD	4.05	21.03	83.85%
5	ROBBINSDALE	3.60	5.91	62.15%
5	ROGERS	4.87	2.84	36.84%
5	SAVAGE	13.73	11.19	44.90%
5	SHAKOPEE	13.61	10.92	44.52%
5	SHOREWOOD	0.55	7.69	93.33%
5	ST FRANCIS	0.00	10.37	100.00%
5	ST LOUIS PARK	8.76	22.43	71.91%
5	WACONIA	1.60	3.93	71.07%
	METRO WEST TOTAL	**383.23**	**773.09**	**66.86%**

DISTRICT 6

DIST	CITY NAME	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
6	ALBERT LEA	6.46	12.28	65.53%
6	AUSTIN	13.92	13.78	49.75%
6	FARIBAULT	7.86	14.94	65.53%
6	LA CRESCENT	0.09	5.57	98.41%
6	LAKE CITY	1.25	5.25	80.77%
6	OWATONNA	7.20	10.99	60.42%
6	RED WING	7.72	16.10	67.59%
6	ROCHESTER	27.44	39.11	58.77%
6	STEWARTVILLE	0.86	3.13	78.45%
6	WINONA	6.08	15.69	72.07%
	DISTRICT 6 TOTAL	**78.88**	**136.84**	**63.43%**

DISTRICT 7

DIST	CITY NAME	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
7	FAIRMONT	5.52	13.97	71.68%
7	MANKATO	14.68	18.59	55.88%
7	NEW PRAGUE	4.63	0.89	16.12%
7	NEW ULM	4.49	10.84	70.71%
7	NORTH MANKATO	6.54	6.84	51.12%
7	ST PETER	3.49	10.75	75.49%
7	WASECA	2.52	3.90	60.75%
7	WORTHINGTON	3.50	7.89	69.27%
	DISTRICT 7 TOTAL	**45.37**	**73.67**	**61.89%**

DISTRICT 8

DIST	CITY NAME	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
8	GLENCOE	1.80	5.18	74.21%
8	HUTCHINSON	6.69	9.96	59.82%
8	LITCHFIELD	2.32	6.26	72.96%
8	MARSHALL	4.87	10.61	68.54%
8	MONTEVIDEO	4.10	4.15	50.30%
8	REDWOOD FALLS	1.46	6.41	81.45%
8	WILLMAR	11.25	12.66	52.95%
	DISTRICT 8 TOTAL	**32.49**	**55.23**	**62.96%**

METRO EAST

DIST	CITY NAME	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
9	APPLE VALLEY	11.74	23.80	66.97%
9	ARDEN HILLS	3.14	4.28	57.68%
9	BLAINE	19.36	21.16	52.22%
9	BURNSVILLE	20.28	23.77	53.96%
9	COTTAGE GROVE	12.54	18.90	60.11%
9	EAGAN	30.55	15.60	33.80%
9	FALCON HEIGHTS	1.00	1.54	60.63%
9	FARMINGTON	1.73	12.12	87.51%
9	FOREST LAKE	2.20	20.15	90.16%
9	HASTINGS	10.83	8.44	43.80%
9	HUGO	5.11	11.68	69.57%
9	INVER GROVE HEIGHTS	5.72	18.14	76.03%
9	LAKE ELMO	7.76	3.66	32.05%
9	LAKEVILLE	15.98	35.97	69.24%
9	LITTLE CANADA	2.31	8.18	77.98%
9	MAHTOMEDI	3.81	4.81	55.80%
9	MAPLEWOOD	7.67	24.04	75.81%
9	MENDOTA HEIGHTS	7.72	6.67	46.35%
9	MOUNDS VIEW	4.73	7.78	62.19%
9	NEW BRIGHTON	5.78	9.14	61.26%
9	NORTH BRANCH	2.38	20.15	89.44%
9	NORTH ST PAUL	3.79	7.61	66.75%
9	NORTHFIELD	5.66	6.70	54.21%
9	OAKDALE	13.80	4.59	24.96%
9	ROSEMOUNT	11.63	14.30	55.15%
9	ROSEVILLE	12.26	16.44	57.28%
9	SHOREVIEW	11.82	6.75	36.35%
9	SOUTH ST PAUL	6.27	10.55	62.72%
9	SPRING LAKE PARK	3.43	2.39	41.07%
9	ST ANTHONY	1.60	4.03	71.58%
9	ST PAUL	39.58	125.55	76.03%
9	ST PAUL PARK	0.00	4.92	100.00%
9	STILLWATER	6.71	8.74	56.57%
9	VADNAIS HEIGHTS	3.00	5.32	63.94%
9	WEST ST PAUL	7.00	6.54	48.30%
9	WHITE BEAR LAKE	10.10	10.25	50.37%
9	WOODBURY	19.87	26.16	56.83%
	METRO EAST TOTAL	**338.86**	**560.82**	**62.34%**

2003 TOTAL	**1,097.74**	**2,018.70**	**64.78%**

STATE TOTALS

YEAR	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
1996	1,026.61	1,713.85	62.54
1997	1,053.25	1,762.74	62.60
1998	1,073.38	1,785.67	62.46
1999	1,089.75	1,821.12	62.56
2000	1,088.44	1,883.72	63.38
2001	1,073.96	1,939.93	64.37
2002	1,093.35	1,987.32	64.51
2003	1,097.74	2,018.70	64.78

January 3, 2003

COUNTY HIGHWAY TURNBACK POLICY

Definitions:

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

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

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

MILEAGE CONSIDERATIONS

County State Aid Highway Turnbacks

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

County Road Turnbacks

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

Jurisdictional Exchanges

County Road for MSAS

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

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

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

CSAH for MSAS

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

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

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

NOTE:
When a city receives **less** mileage in a CSAH exchange it will have less mileage to designate within its 20% mileage limitation and may have to revoke mileage the following year when it computes its allowable mileage.
Explanation: After this exchange is completed, a city will have more CSAH mileage and less MSAS mileage than before the exchange. The new CSAH mileage was included in the city's basic mileage when it was MSAS (before the exchange) but is not included when it is CSAH (after the exchange). So, after the jurisdictional exchange the city will have less basic mileage and 20% of that mileage will be a smaller number.
If a city has more mileage designated than the new, lower 20% allowable mileage, the city will be over designated and be required to revoke some mileage. **If a revocation is necessary, it will not have to be done until the following year after a city computes its new allowable mileage.**

MSAS designation on a County Road

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

MISCELLANEOUS

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

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

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

CURRENT RESOLUTIONS
OF THE
MUNICIPAL SCREENING BOARD

January 2004

Wording in bold (except headings) are the most recent Screening Board revisions

BE IT RESOLVED:

ADMINISTRATION

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

That annually the Commissioner of Mn/DOT will be requested to appoint three (3) new members, upon recommendation of the City Engineers Association of Minnesota, to serve three (3) year terms as voting members of the Municipal Screening Board. These appointees are selected from the Nine Construction Districts together with one representative from each of the three (3) major cities of the first class.

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

That the Chair Vice Chair, and Secretary**,** nominated annually at the annual meeting of the City Engineers association of Minnesota and subsequently appointed by the Commissioner of the Minnesota Department of Transportation shall not have a vote in matters before the Screening Board unless they are also the duly appointed Screening Board Representative of a construction District or of a City of the first class.

Appointment to the Needs Study Subcommittee - June 1987 (Revised June 1993)

That the Screening Board Chair shall annually appoint one city engineer, who has served on the Screening Board, to serve a three year term on the Needs Study Subcommittee. The appointment shall be made at the annual winter meeting of the City's Engineers Association. The appointed subcommittee person shall serve as chair of the subcommittee in the third year of the appointment.

Appointment to Unencumbered Construction Funds Subcommittee - Revised June 1979

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

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

That any individual or delegation having items of concern regarding the study of State Aid Needs or State Aid Apportionment amounts, and wishing to have consideration given to these items, shall, in a written report, communicate with the State Aid Engineer. The State Aid Engineer with

concurrence of the Chair of the Screening Board shall determine which requests are to be referred to the Screening Board for their consideration. This resolution does not abrogate the right of the Screening Board to call any person or persons before the Board for discussion purposes.

Screening Board Meeting Dates and Locations - June 1996

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

Research Account - Oct. 1961

That an annual resolution be considered for setting aside a reasonable amount of money for the Research Account to continue municipal street research activity.

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

Soil Type - Oct. 1961

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

That when a new municipality becomes eligible to participate in the MSAS allocation, the soil type to be used for Needs purposes shall be based upon the City Engineer's recommendation with the concurrence of the District State Engineer.

Improper Needs Report - Oct. 1961

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

New Cities Needs - Oct. 1983

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

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

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

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

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

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

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

That if the construction of a Municipal State Aid Street is accomplished ~~with local funds~~, only the Construction Needs necessary to bring the ~~roadway~~ **segment** up to State Aid Standards will be permitted in subsequent Needs ~~for 20~~ **after 10** years from the date of the letting or encumbrance of force account funds. For the purposes of the Needs Study, these shall be called Widening Needs. ~~At the end of the 20 year period~~, **Widening Needs shall continue until** reinstatement for complete Construction Needs shall be initiated by the Municipality.

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

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

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

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

Population Apportionment - October 1994, 1996

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

DESIGN

Design Limitation on Non-Existing Streets - Oct. 1965

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

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

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

Greater Than Minimum Width (Revised June 1993)

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

Miscellaneous Limitations - Oct. 1961

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

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

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

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

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

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

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

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

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

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

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

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

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

NEEDS COSTS

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

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

	Storm Sewer Adjustment		$82,700 per Mile
	Special Drainage (rural segments only)		$37,400 per Mile
	Street Lighting		$80,000 per Mile
	Curb & Gutter Construction		$8.00 per Lineal Foot
	Sidewalk Construction		$23.50 per Sq. Yd.
	Project Development		20%
Removal Items:			
	Curb & Gutter		$2.60 per Lineal Foot
	Sidewalk		$5.50 per Sq. Yd.
	Concrete Pavement		$5.40 per Sq. Yd.
	Tree Removal		$225.00 per Unit

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

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

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

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

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

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

Maintenance Needs Costs - June 1992 (Revised 1993)

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

Maintenance Needs Costs	**Cost For Under 1000 Vehicles Per Day**	**Cost For Over 1000 Vehicles Per Day**
Traffic Lanes Segment length times number of Traffic lanes times cost per mile	$1,500 per Mile	$2,500 per Mile
Parking Lanes: Segment length times number of parking lanes times cost per mile	$1,500 per Mile	$1,500 per Mile
Median Strip: Segment length times cost per mile	$500 per Mile	$980 per Mile
Storm Sewer: Segment length times cost per mile	$500 per Mile	$500 per Mile
Traffic Signals:	$500 per Unit	$500 per Unit

Number of traffic signals times cost per signal		
Minimum allowance per mile is determined by segment length times cost per mile.	$5,000 per Mile	$5,000 per Mile

NEEDS ADJUSTMENTS

Bond Adjustment - Oct. 1961 (Revised 1976, 1979, 1995***, 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 ~~State Aid System~~ **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, ~~the amount of the~~ **a city with a positive** unencumbered construction fund balance as of December 31st of the current year shall ~~be~~ **have that amount** deducted from ~~the~~ **its** 25-year total Needs**.** ~~of each individual municipality~~. **A municipality with a negative unencumbered construction fund balance as of December 31st of the current year shall have that amount added to its 25 year total Needs.**

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

Excess Unencumbered Construction Fund Balance Adjustment – Oct. 2002

That the December 31 construction fund balance will be compared to the annual construction allotment from January of the same year.
If the December 31 construction fund balance exceeds 3 times the January construction allotment and $1,000,000, the first year adjustment to the Needs will be 1 times the December

31 construction fund balance. In each consecutive year the December 31 construction fund balance exceeds 3 times the January construction allotment and $1,000,000, the adjustment to the Needs will be increased to 2, 3, 4, etc. times the December 31 construction fund balance until such time the Construction Needs are adjusted to zero.

If the December 31 construction fund balance drops below 3 times the January construction allotment and subsequently increases to over 3 times, the multipliers shall start over with one. This adjustment will be in addition to the unencumbered construction fund balance adjustment and takes effect for the 2004 apportionment.

Low Balance Incentive – Oct. 2003

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

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

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

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

That any trunk highway turnback which reverts directly to the municipality and becomes part of the State Aid Street system shall not have its Construction Needs considered in the Construction Needs apportionment determination as long as the former trunk highway is fully eligible for 100 percent construction payment from the Municipal Turnback Account. During this time of eligibility, financial aid for the additional maintenance obligation, of the municipality imposed by the turnback shall be computed on the basis of the current year's apportionment data and shall be accomplished in the following manner.

That the initial turnback adjustment when for less than 12 full months shall provide partial maintenance cost reimbursement by adding said initial adjustment to the Construction Needs which will produce approximately 1/12 of $7,200 per mile in apportionment funds for each month or part of a month that the municipality had maintenance responsibility during the initial year.

That to provide an advance payment for the coming year's additional maintenance obligation, a Needs adjustment per mile shall be added to the annual Construction Needs. This Needs adjustment per mile shall produce sufficient apportionment funds so that at least $7,200 in

apportionment shall be earned for each mile of trunk highway turnback on Municipal State Aid Street System.

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

TRAFFIC - June 1971

Traffic Limitation on Non-Existing Streets - Oct. 1965

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

Traffic Manual - Oct. 1962

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

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

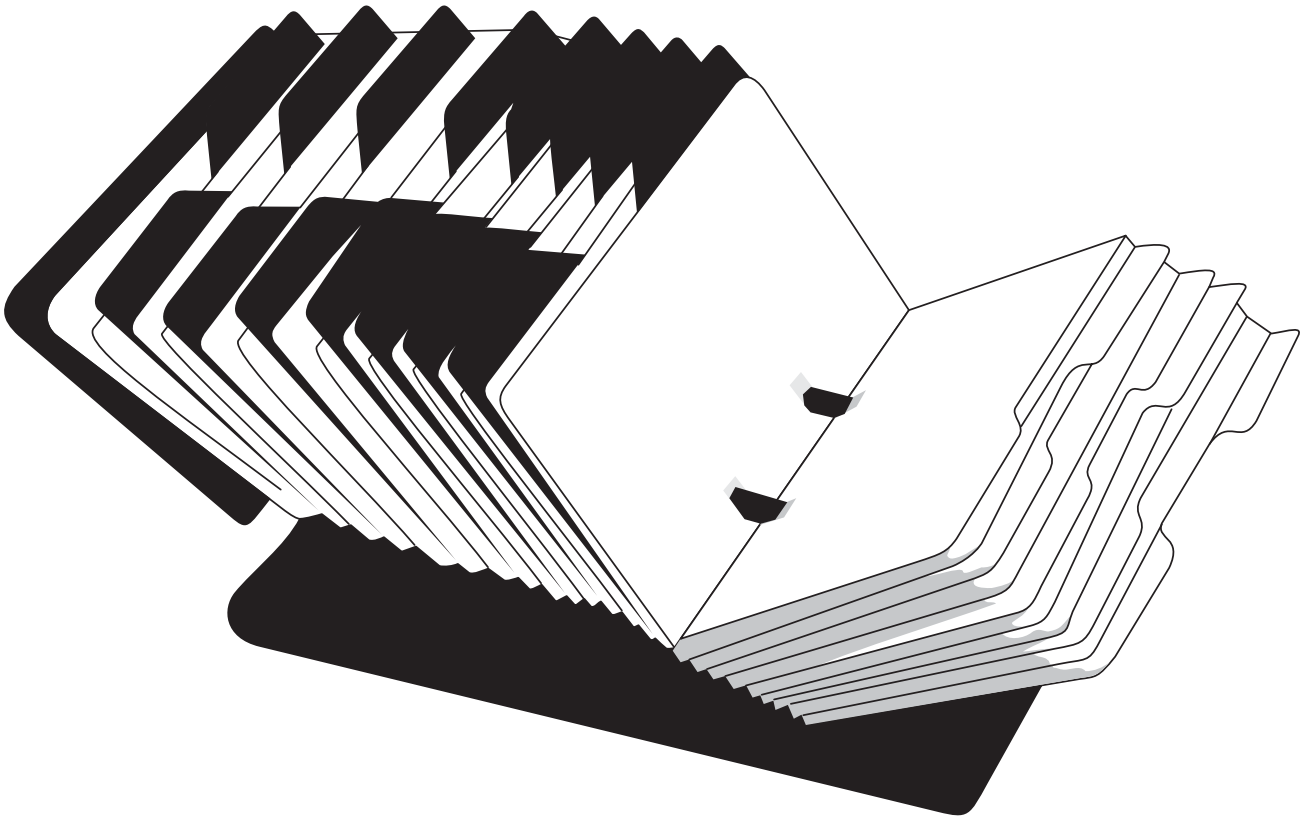
That future traffic data for State Aid Needs Studies be developed as follows:

1. The municipalities in the metropolitan area cooperate with the State by agreeing to participate in counting traffic every two or four years at the discretion of the city.

2. The cities in the outstate area may have their traffic counted and maps prepared by State forces every four years, or may elect to continue the present procedure of taking their own counts and have state forces prepare the maps.

3. Any city may count traffic with their own forces every two years at their discretion and expense, unless the municipality has made arrangements with the Mn/DOT district to do the count.

Directory of Municipal Engineers



CITY ENGINEERS

101 Steve Jahnke
D6 Albert Lea City Engineer
221 East Clark St
Albert Lea, MN 56007
Main: (507) 377-4325
FAX: (507) 377-4325

198 David Berkowitz
D5 Andover City Engineer
1685 Crosstown Blvd NW
Andover, MN 55304
Main: (763) 755-5100
FAX: (763) 755-8923

186 Keith Gordon
D5 Apple Valley City Engineer
2335 West TH 36 Suite 703
St Paul, MN 55113
Main: (952) 953-2590
FAX: (952) 953-2406

104 Jon W Erichson
D6 Austin City Engineer
500 4th Avenue NE
Austin, MN 55912
Main: (507) 437-7674
FAX: (507) 437-7101

105 Brian Freeberg
D2 Interim Bemidji City Engineer
317 4th Street NW
Bemidji, MN 56601-3116
Main: (218) 759-3576
FAX: (218) 759-3590

102 Timothy Schoonhoven
D4 Alexandria City Engineer
610 Fillmore Street
PO Box 1028
Alexandria, MN 56308-1028
Main: (320) 762-8149
FAX: (320) 762-0263

103 Craig Gray
D5 Anoka Public Works Director
2015 1st Avenue North
City Hall
Anoka, MN 55303
Main: (763) 576-2700
FAX: (763) 576-2727

187 Greg Brown
D5 Arden Hills City Engineer
URS Corp.
700 3rd Street South
Minneapolis, MN 55415
Main: (612) 370-0700
FAX: (612) 370-1378

230 Trevor Walter
D3 Baxter City Engineer
PO Box 2626
Baxter, MN 56425
Main: (218) 855-5100
FAX: (218) 855-5103

232 Bradley DeWolf
D3 Big Lake City Engineer
316 4th Street SW
Willmar, MN 56201-0895
Main: (320) 231-3956
FAX: (320) 231-9710

106 Charles Lenthe
D5 Blaine City Engineer
10801 Town Square Drive
Blaine, MN 55449
Main: (763) 784-6700
FAX: (763) 784-3844

107 Shelly Pederson
D5 Bloomington City Engineer
2215 W Old Shakopee Rd
Bloomington, MN 55431
Main: (952) 563-4870
FAX: (952) 563-4868

108 Jeff Hulsether
D3 Brainerd City Engineer
City Hall
Brainerd, MN 56401
Main: (218) 828-2309
FAX: (218) 828-2316

109 Todd Blomstrom
D5 Brooklyn Center PW Director/City
6301 Shingle Creek Parkway
Brooklyn Center, MN 55430
Main: (763) 569-3300
FAX: (763) 569-3494

110 Doran Michael Cote
D5 Brooklyn Park City Engr
City of Brooklyn Park
5200 85th Ave N
Brooklyn Park, MN 55443
Main: (763) 424-8000
FAX: (763) 493-8391

213 Bradley DeWolf
D3 Buffalo City Engineer
316 4th Street SW
Willmar, MN 56201-0895
Main: (320) 231-3956
FAX: (320) 231-9710

179 Mitchell J. Rasmussen
D5 Burnsville City Engineer
City of Burnsville
100 Civic Center Parkway
Burnsville, MN 55337-3817
Main: (952) 895-4544
FAX: (952) 895-4404

218 Todd Blank
D3 Cambridge City Engr
3535 Vadnais Center Dr
St Paul, MN 55110-5118
Main: (651) 490-2000
FAX: (651) 490-2150

193 Jack Bittle
D5 Champlin City Engineer
11955 Champlin Drive
Champlin, MN 55316
Main: (763) 421-1955
FAX: (763) 421-5256

194 Position Vacant
D5 Chanhassen City Engineer
690 City Center Drive
Box 147
Chanhassen, MN 55317
Main: (952) 937-1900
FAX: (952) 937-9152

196 Bill Monk
D5 Chaska City Engineer
One City Hall Plaza
Chaska, MN 55318-1962
Main: (952) 448-2851
FAX: (952) 448-9300

111 Jim Kosluchar
D1 Chisholm City Engineer
316 W Lake St
Chisholm, MN 55719
Main: (218) 254-7907
FAX: (218) 254-7955

112 James R Prusak
D1 Cloquet City Engineer
Cloquet City Hall
1307 Cloquet Avenue
Cloquet, MN 55720
Main: (218) 879-6758
FAX: (218) 879-6555

113 Kevin Hansen
D5 Columbia Hts City Engr
637 38th Avenue NE
Columbia Heights, MN 55421
Main: (763) 706-3705
FAX: (763) 706-3701

114 Steve Gatlin
D5 Coon Rapids City Engineer
11155 Robinson Dr NW
Coon Rapids, MN 55433-3761
Main: (763) 755-2880
FAX: (763) 767-6573

215 Vince Vandertop
D5 Corcoran City Engineer
2335 West TH 36 Suite 703
St Paul, MN 55113
Main: (651) 636-4600
FAX: (651) 636-1311

180 Allan Larson
D5 Cottage Grove Acting City Engineer
Engineering Dept.
8635 W. Point Douglas Road
Cottage Grove, MN 55016
Main: (651) 458-2890
FAX: (651) 458-6080

115 David B Kildahl
D2 Crookston City Engineer
216 South Main Street
PO Box 458
Crookston, MN 56716
Main: (218) 281-6522
FAX: (218) 281-6545

116 Thomas A. Mathisen
D5 Crystal City Engineer
4141 Douglas Drive N
Crystal, MN 55422-1696
Main: (763) 531-1160
FAX: (763) 531-1188

229 Mark Hanson
D5 Dayton City Engineer
2335 West TH 36 Suite 703
St Paul, MN 55113
Main: (651) 636-4600
FAX: (651) 636-1311

117 Gary Nansen
D4 Detroit Lakes City Engr
Larson Peterson & Assoc
PO Box 150 1115 W River Rd
Detroit Lakes, MN 56502
Main: (218) 847-5607
FAX: (218) 847-2791

118 Michael J Metso
D1 Duluth City Engineer
Room 211 City Hall
Duluth, MN 55802
Main: (218) 730-5071
FAX: (218) 730-5907

195 Tom Colbert
D5 Public Works Director
City of Eagan
3830 Pilot Knob Road
Eagan, MN 55122-1897
Main: (651) 675-5635
FAX: (651) 675-5694

203 Craig Jochum
D5 East Bethel City Engineer
3601 Thurston Ave
Anoka, MN 55303-1063
Main: (763) 427-5860
FAX: (763) 427-0520

119 Gary Sanders
D2 East Grand Forks City Engineer
PO Box 385
1600 Central Ave NE
East Grand Forks, MN 56721
Main: (218) 773-1185
FAX: (218) 773-3348

120 Wayne D. Houle
D5 Edina City Engineer/P.W. Dir.
4801 West 50th Street
Edina, MN 55424
Main: (952) 826-0443
FAX: (952) 826-0390

123 Bruce Firkins
D7 Fairmont City Engineer
219 North Main Street
Fairmont, MN 56031
Main: (507) 238-4738
FAX: (507) 238-4732

125 City Engineer
D6 Faribault City Engineer
208 NW 1st Avenue
Faribault, MN 55021-5105
Main: (507) 334-2222
FAX: (507) 333-0399

126 Dan Edwards
D4 Fergus Falls City Engineer
City Hall PO Box 868
Fergus Falls, MN 56537-0868
Main: (218) 739-0116
FAX: (218) 739-0148

127 Jon Haukaas
D5 Fridley Public Works Director
6431 University Avenue NE
Fridley, MN 55432
Main: (763) 572-3550
FAX: (763) 571-1287

181 Alan Gray
D5 Eden Prairie City Engineer
8080 Mitchell Road
Eden Prairie, MN 55344-2230
Main: (952) 949-8320
FAX: (952) 949-8326

204 Terry Maurer
D3 Elk River City Engineer
Court International Building
2550 University Ave. W., Suite 400N
St. Paul, MN 55114
Main: (651) 644-4389
FAX: (651) 644-9446

124 Terry Maurer
D5 Falcon Heights City Engineer
Court International Building
2550 University Ave. W., Suite 400N
St. Paul, MN 55114
Main: (651) 644-4389
FAX: (651) 644-9446

212 Lee Mann
D5 Farmington City Engineer
325 Oak Street
Farmington, MN 55024
Main: (651) 463-7111
FAX: (651) 463-2591

214 Paul T Hornby
D5 Forest Lake City Engineer
1500 Piper Jaffray Plaza
444 Cedar Street
St Paul, MN 55101-2140
Main: (651) 292-4400
FAX: (651) 292-0083

226 Douglas A Parrott
D8 Glencoe City Engineer
SEH.RCM 310 Main Ave
PO Box 776
Gaylord, MN 55334-0776
Main: (507) 237-2924
FAX: (507) 237-5516

129 Thomas Pagel
D1 Grand Rapids City Engineer
420 North Pokegama Ave.
Grand Rapids, MN 55744
Main: (218) 326-7626
FAX: (218) 326-7608

130 Dave R. Gurney
D5 Hastings City Engineer
101 4th St East
Hastings, MN 55033
Main: (651) 480-2369
FAX: (651) 437-7082

131 John Suihkonen
D1 Hibbing City Engineer
City Hall
Hibbing, MN 55746
Main: (218) 262-3486
FAX: (218) 262-2308

224 Dave Mitchell
D5 Hugo City Engineer
3535 Vadnais Center Dr
St Paul, MN 55110-5118
Main: (651) 490-2177
FAX: (651) 490-2150

134 Gary Skallman
D1 Int'l Falls P.W. Director
P O Box 831
Intl Falls, MN 56649
Main: (218) 283-3261
FAX: (218) 283-3590

128 Jeff Oliver
D5 Golden Valley City Engineer
7800 Golden Valley Rd
Golden Valley, MN 55427
Main: (763) 593-8030
FAX: (763) 593-3988

197 Tom Collins
D5 Ham Lake City Engineer
13635 Johnson Street NE
Ham Lake, MN 55304
Main: (763) 862-8000
FAX: (763) 862-8042

202 David Salo
D1 Hermantown City Engineer
Salo Engineering
15 East First Street
Duluth, MN 55802
Main: (218) 727-8796
FAX: (218) 727-0126

132 Steven J Stadler
D5 Hopkins City Engineer
1010 First Street South
Hopkins, MN 55343
Main: (952) 939-1338
FAX: (952) 939-1381

133 John Rodeberg
D8 Hutchinson City Engineer
111 Hassan Street SE
Hutchinson, MN 55350-2522
Main: (320) 234-4208
FAX: (320) 234-4240

178 Scott Thureen
D5 Inver Grove Hts Engineer
City of Inver Grove Hts
8150 Barbara Avenue
Inver Grove Hts, MN 55077
Main: (651) 450-2572
FAX: (651) 450-2502

236 Donald R Borcherding
D0 La Crescent City Engineer
717 3rd Ave SE
Rochester, MN 55904
Main: (507) 288-6464
FAX: (507) 288-5058

206 Thomas D Prew
D5 Lake Elmo City Engineer
1500 Piper Jaffray Plaza
444 Cedar Street
St Paul, MN 55101-2140
Main: (651) 292-4463
FAX: (651) 292-0083

210 James Studenski
D5 Lino Lakes City Engineer
600 Town Center Parkway
Lino Lakes, MN 55014
Main: (651) 292-4400
FAX: (651) 292-0083

200 Terry Maurer
D5 Little Canada City Engineer
Court International Building
2550 University Ave. W., Suite 400N
St. Paul, MN 55114
Main: (651) 644-4389
FAX: (651) 644-9446

219 Kristie Thompson
D5 Mahtomedi City Engineer
Court International Building
2550 University Ave. W., Suite 400N
St. Paul, MN 55114
Main: (651) 644-4389
FAX: (651) 644-9446

189 Ken Ashfeld
D5 Maple Grove City Engineer
12800 Arbor Lakes Parkway
PO Box 1180
Maple Grove, MN 55311-6180
Main: (763) 494-6000
FAX: (763) 494-6420

234 Scott T Blouw
D6 Lake City Engineer
717 3rd Ave SE
Rochester, MN 55904
Main: (507) 288-6464
FAX: (507) 288-5058

188 Keith H Nelson
D5 Lakeville City Engineer
20195 Holyoke Ave
Lakeville, MN 55044-9047
Main: (952) 985-4501
FAX: (952) 985-4499

135 Bradley DeWolf
D8 Litchfield City Engineer
316 4th Street SW
Willmar, MN 56201-0895
Main: (320) 231-3956
FAX: (320) 231-9710

136 Donald Anderson
D3 Little Falls City Engineer
Widseth Smith Nolting Inc
PO Box 2720
Baxter, MN 56425
Main: (218) 829-5117
FAX: (218) 829-2517

137 Ken Saffert
D7 Mankato City Engineer
10 Civic Center Plaza
P O Box 3368
Mankato, MN 56002-3368
Main: (507) 387-8631
FAX: (507) 387-8642

138 Chuck Ahl
D5 P.W. Director
City Of Maplewood
1830 East County Road B
St Paul, MN 55109
Main: (651) 770-4552
FAX: (651) 770-4506

139 Glenn Olson
D8 Marshall City Engineer
344 West Main Street
Marshall, MN 56258-1313
Main: (507) 537-6774
FAX: (507) 537-6830

140 James E Danielson
D5 Mendota Heights Public Works
City of Mendota Heights
1101 Victoria Curve
Mendota Heights, MN 55118
Main: (651) 452-1850
FAX: (651) 452-8940

141 Klara Fabry
D5 Director of Public Works
Room 203 City Hall
350 South Fifth Street
Minneapolis, MN 55415-1390
Main: (612) 673-2443
FAX: (612) 673-3565

142 Lee Gustafson
D5 Minnetonka City Engineer
14600 Minnetonka Blvd
Minnetonka, MN 55345-1597
Main: (952) 939-8200
FAX: (952) 939-8244

143 Dave Berryman
D8 Montevideo City Engineer
Rodeberg & Berryman Inc
119 So 1st St PO Box 50
Montevideo, MN 56265
Main: (320) 269-7695
FAX: (320) 269-8695

222 Brett Weiss
D3 Monticello City Engineer
WSB
4150 Olson Memorial Hwy Suite 300
Minneapolis, MN 55422
Main: (763) 541-4800
FAX: (763) 541-1700

144 Robert Zimmerman
D4 Moorhead City Engineer
Box 779
Moorhead, MN 56561-0779
Main: (218) 299-5393
FAX: (218) 299-5399

190 Jeff Kuhn
D4 Morris City Engineer
610 Fillmore Street
PO Box 1028
Alexandria, MN 56308-1028
Main: (320) 762-8149
FAX: (320) 762-0263

145 Jeffery Roos
D5 Mound City Engineer
15050 23rd Ave N
Plymouth, MN 55447
Main: (763) 476-6010
FAX: (763) 476-8532

146 Steve Campbell
D5 Mounds View City Engineer
3535 Vadnais Center Dr
St Paul, MN 55110-5118
Main: (651) 490-2000
FAX: (651) 490-2150

147 Leslie James Proper
D5 New Brighton City Engineer
803 Old Hwy 8 NW
New Brighton, MN 55112
Main: (651) 638-2053
FAX: (651) 638-2044

182 Vince Vandertop
D5 New Hope City Engineer
2335 West TH 36 Suite 703
St Paul, MN 55113
Main: (651) 636-4600
FAX: (651) 636-1311

237 Robert Barth
D7 New Prague City Engineer
2335 West TH 36 Suite 703
St Paul, MN 55113
Main: (651) 604-4740
FAX: (651) 636-1311

225 Julie Dresel
D5 North Branch City Engineer
6408 Elm Street
North Branch, MN 55056
Main: (651) 674-8113
FAX: (651) 674-8262

151 David Kotilinek
D5 No St Paul City Engineer
2526 East 7Th Avenue
North St Paul, MN 55109
Main: (651) 770-4463
FAX: (651) 748-2532

223 Brian Miller
D5 Oak Grove City Engineer
BDM Consulting Engrs PLC
4175 Lovell Rd Suite 112
Lexington, MN 55014
Main: (763) 786-4570
FAX: (763) 786-4574

152 Gregory Allen Gappa
D5 Orono City Engineer
PO Box 66
Crystal Bay, MN 55323-066
Main: (952) 249-4621
FAX: (952) 249-4616

153 Jeff Johnson
D6 Owatonna City Engineer
540 West Hills Circle
Owatonna, MN 55060
Main: (507) 444-4350
FAX: (507) 444-4351

148 Steven P. Koehler
D7 New Ulm City Engineer
City Hall
100 North Broadway
New Ulm, MN 56073
Main: (507) 359-8245
FAX: (507) 359-9752

150 Jon Rippke
D7 No Mankato City Engineer
1960 Premier Drive
Mankato, MN 56001-5900
Main: (507) 625-4171
FAX: (507) 625-4177

149 Jon Lennander
D6 Northfield Acting PW Dir/City Engr.
801 Washington Street
Northfield, MN 55057
Main: (507) 645-3009
FAX: (507) 645-3055

185 Brian Bachmeier
D5 Oakdale City Engineer
1584 Hadley Ave No
Oakdale, MN 55128
Main: (651) 730-2730
FAX: (651) 730-2820

217 Ron Wagner
D3 Otsego City Engineer
3601 Thurston Ave
Anoka, MN 55303-1063
Main: (763) 427-5860
FAX: (763) 427-0520

155 Ronald Quanbeck
D5 Plymouth City Engineer
3400 Plymouth Boulevard
Plymouth, MN 55447
Main: (763) 509-5520
FAX: (763) 509-5510

201 Sue McDermott
D5 Prior Lake City Engineer
16200 Eagle Creek Ave SE
Prior Lake, MN 55372
Main: (952) 447-4230
FAX: (952) 447-4263

199 Steve Jankowski
D5 Ramsey City Engineer
15153 Nowthen Blvd
Ramsey, MN 55303
Main: (763) 427-1410
FAX: (763) 427-5543

156 Ronald Rosenthal
D6 Red Wing Interim Dir. Of Engineering
419 Bush Street
Red Wing, MN 55066
Main: (651) 385-3626
FAX: (651) 385-0554

207 Ron Mannz
D8 Redwood Falls City Engineer
PO Box 10
333 Washington St.
Redwood Falls, MN 56283-0010
Main: (507) 637-5755
FAX: (507) 637-2417

157 Michael John Eastling
D5 Richfield City Engineer
6700 Portland Avenue
Richfield, MN 55423
Main: (612) 861-9792
FAX: (612) 861-9796

158 Richard McCoy
D5 Robbinsdale City Engineer
4100 Lakeview Ave
Robbinsdale, MN 55422
Main: (763) 537-4534
FAX: (763) 537-7344

159 Richard Freese
D6 Rochester City Engineer
201 4th St SE
Rochester, MN 55904
Main: (507) 281-6195
FAX: (507) 281-6216

238 Scott A. Lange
D5 Rogers City Engineer
1200 25th Avenue South
PO Box 1717
St Cloud, MN 56302-1717
Main: (320) 229-4323
FAX: (320) 229-4301

208 Andy Brotzler
D5 Rosemount City Engineer
2875 145th St West
Rosemount, MN 55068
Main: (651) 322-2022
FAX: (651) 423-5203

160 Deb Bloom
D5 City Engineer
2660 Civic Center Drive
Roseville, MN 55113
Main: (651) 792-7000
FAX: (651) 792-7040

220 Sidney Williamson
D3 Sartell City Engineer
BWK Inc
3721 23rd St S
St Cloud, MN 56301
Main: (320) 251-4553
FAX: (320) 251-6252

191 Terry Wotzka
D3 Sauk Rapids City Engineer
SEH/RCM
1200 25th Ave S PO Box 1717
St Cloud, MN 56302-1717
Main: (320) 229-4300
FAX: (320) 229-4301

211 Jason Wedel
D5 Savage City Engineer
6000 McColl Drive
Savage, MN 55378
Main: (952) 882-2670
FAX:

167 Mark Maloney
D5 Shoreview Public Works Dir.
City of Shoreview
4600 N Victoria St
Shoreview, MN 55126
Main: (651) 490-4650
FAX: (651) 490-4699

168 John Sachi
D5 So St Paul City Engineer
125 Third Ave N
South St Paul, MN 55075
Main: (651) 554-3210
FAX: (651) 554-3211

161 Dave Hutton
D5 St. Anthony City Engineer
4150 Olson Memorial Highway
Suite 300
Golden Valley, MN 55422
Main: (763) 541-4800
FAX: (763) 541-1700

235 James Johnson
D5 St. Francis City Engineer
3601 Thurston Ave
Anoka, MN 55303-1063
Main: (763) 427-5860
FAX: (763) 427-0520

163 Maria Hagen
D5 St. Louis Park City Engineer
5005 Minnetonka Blvd
St Louis Park, MN 55416
Main: (952) 924-2687
FAX: (952) 924-2663

166 Bruce Loney
D5 Shakopee Public Works Dir
129 Holmes Street S
Shakopee, MN 55379-1351
Main: (952) 233-3800
FAX: (952) 445-6718

216 Larry Brown
D5 Shorewood City Engineer
City of Shorewood
5755 Country Club Road
Shorewood, MN 55331-8927
Main: (952) 474-3236
FAX: (952) 474-0128

183 Joe Rhein
D5 Spring Lake Park City Engineer
2335 West TH 36 Suite 703
St Paul, MN 55113
Main: (651) 636-4600
FAX: (651) 636-1311

162 Stephen Gaetz
D3 St Cloud City Engineer
400 2nd Street South
St Cloud, MN 56301
Main: (320) 255-7241
FAX: (320) 255-7250

233 Joseph Bettendorf
D3 St. Joseph City Engineer
1200 25th Avenue South
PO Box 1717
St Cloud, MN 56302-1717
Main: (320) 229-4300
FAX: (320) 229-4301

227 Steven G. Bot
D3 St. Michael City Engineer
3150 Lander Ave. NE
PO Box 337
St. Michael, MN 55376
Main: 7634972041 ext 122
FAX: (763) 497-5306

164 John Maczko
D5 St. Paul City Engineer
1000 City Hall Annex
25 W Fourth Street
St Paul, MN 55102
Main: (651) 266-6099
FAX: (651) 292-7857

165 Tim Loose
D7 St Peter City Engineer
1960 Premier Drive
Mankato, MN 56001-5900
Main: (507) 625-4171
FAX: (507) 625-4177

169 Klayton Eckles
D5 Stillwater City Engineer
City Hall
216 North 4th Street
Stillwater, MN 55082
Main: (651) 430-8830
FAX: (651) 430-8809

209 David Betts
D5 Vadnais Heights City Engineer
3535 Vadnais Center Dr
St Paul, MN 55110-5118
Main: (651) 490-2000
FAX: (651) 490-2150

231 Bill Engelhardt
D5 Waconia City Engineer
1107 Hazeltine Blvd #480 MD52
Chaska, MN 55318
Main: (952) 448-8838
FAX: (952) 448-8805

172 Fred Salsbury
D7 Waseca City Engineer
508 South State Street
Waseca, MN 56093-3097
Main: (507) 835-9700
FAX: (507) 835-8871

184 Richard Seifert
D5 St. Paul Park City Engineer
15050 23rd Ave N
Plymouth, MN 55447
Main: (763) 476-6010
FAX: (763) 476-8532

228 Donald R Borcherding
D6 Stewartville City Engineer
717 3rd Ave SE
Rochester, MN 55904
Main: (507) 288-6464
FAX: (507) 288-5058

170 David B Kildahl
D2 Thief River Falls City Engr
PO Box 528
405 East 3rd St
Thief River Falls, MN 56701
Main: (218) 281-6522
FAX: (218) 281-6545

171 William Hennis
D1 Virginia City Engineer
City Hall
327 South 1st Street
Virginia, MN 55792
Main: (218) 748-7500
FAX: (218) 749-3580

221 Terry Wotzka
D3 Waite Park City Engineer
SEH/RCM
1200 25th Ave S PO Box 1717
St. Cloud, MN 56302-1717
Main: (320) 229-4300
FAX: (320) 229-4301

173 Philip A Stefaniak
D5 West St. Paul Dir of Pub Works
1616 Humboldt Avenue
City Hall
West St Paul, MN 55118
Main: (651) 552-4130
FAX: (651) 552-4190

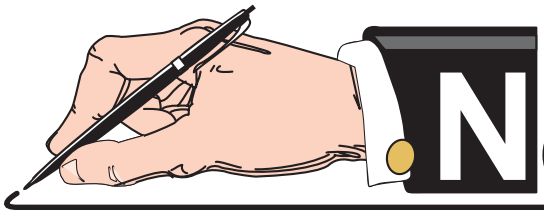
174 Mark Burch
D5 White Bear Lake City Engineer
City of White Bear Lake
4701 Highway 61
White Bear Lake, MN 55110
Main: (651) 429-8531
FAX: (651) 429-8500

175 Melvin Odens
D8 Willmar Public Works Director
333 6th Street SW
Po Box 755
Willmar, MN 56201
Main: (320) 235-4202
FAX: (320) 235-4917

176 Steve McBurney
D6 Winona City Engineer
207 Lafayette Street
PO Box 378
Winona, MN 55987
Main: (507) 457-8269
FAX: (507) 452-1239

192 David R Jessup
D5 Woodbury Public Works Director
8301 Valley Creek Road
Woodbury, MN 55125
Main: (651) 714-3593
FAX: (651) 714-3501

177 Dwayne M Haffield
D7 Worthington City Engineer
Box 279, City Hall
303 - 9th St.
Worthington, MN 56187
Main: (507) 372-8640
FAX: (507) 372-8643



NOTES and COMMENTS