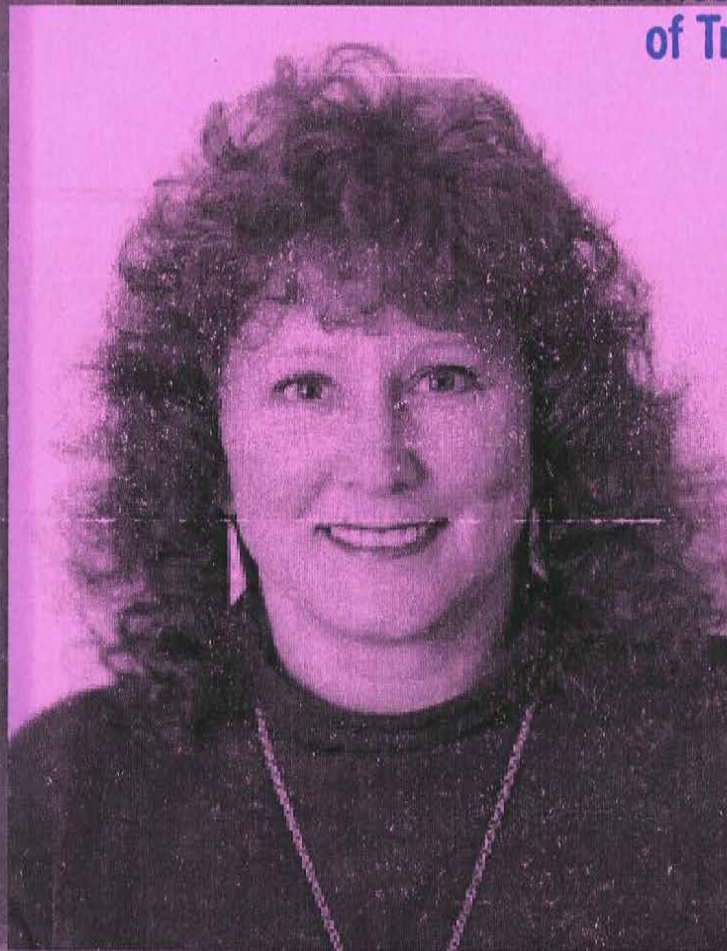


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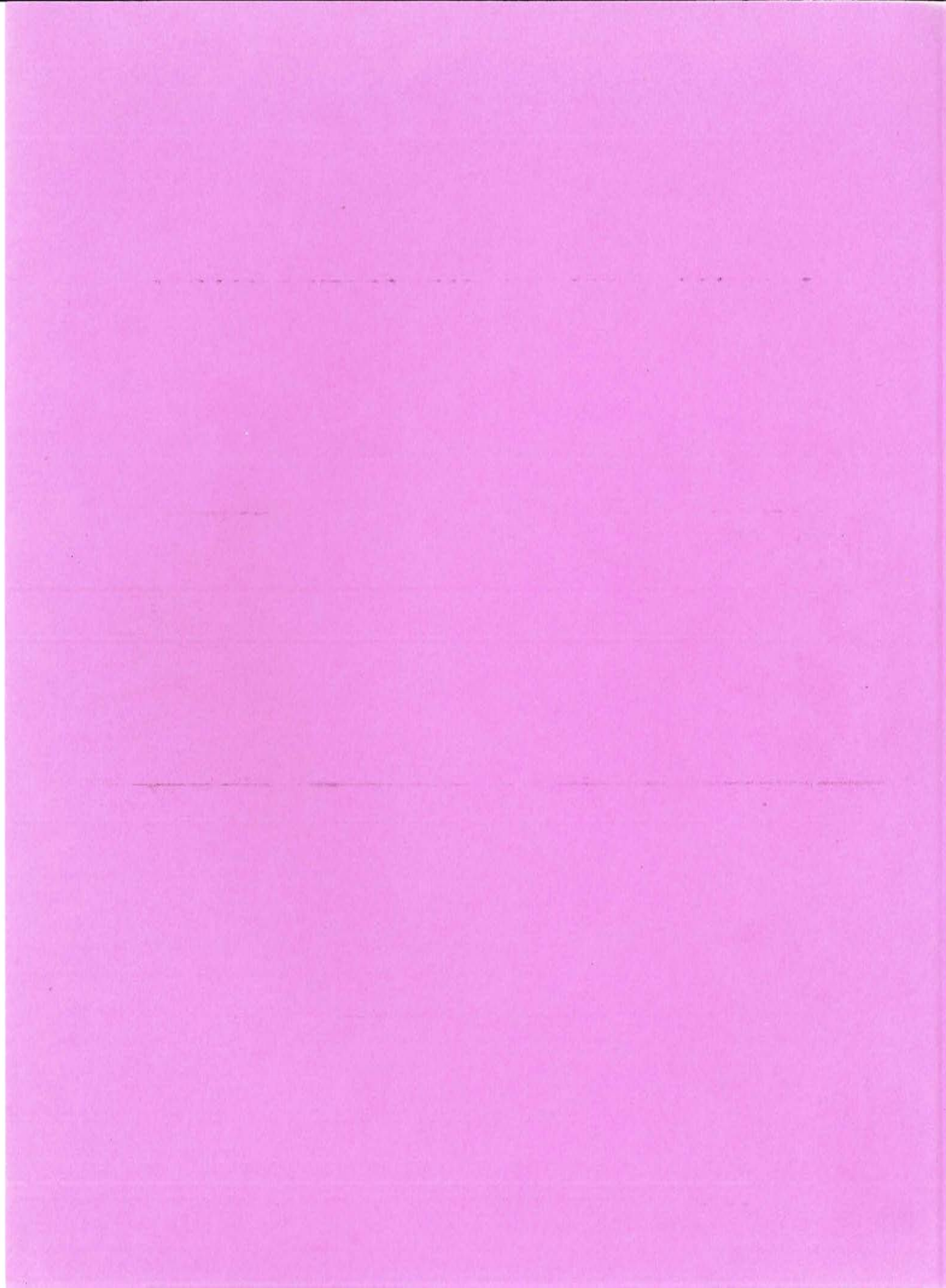
*Municipal State Aid
Street Apportionment
Data*

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January, 1999



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**STATE AID ENGINEER
DIVISION DIRECTOR
JULIE SKALLMAN**

Julie Skallman is MN/DOT's new State Aid Engineer, replacing Pat Murphy who retired in December, 1998. She is a University of Minnesota graduate, receiving a Bachelor of Civil Engineering degree in 1976 and a Master's of Business Administration in 1986. She worked for MN/DOT one summer during college as a student worker in District One and started full time in 1976 working in Bemidji, Oakdale and Saint Paul on the engineering rotation program. Her first permanent position was as a design squad leader in Golden Valley in 1978, then as Traffic Studies Engineer at Oakdale in 1983. She came to State Aid as Plans Engineer in 1986 and became the Assistant State Aid Engineer in 1991. Julie was appointed Assistant Metro Division Engineer in 1998 where she served until being appointed State Aid Engineer.

Ms Skallman is a member of the National Association of County Engineers, the American Society of Civil Engineers, and the Minnesota Surveyors and Engineers Society.

1999 MUNICIPAL STATE AID STREET APPORTIONMENT DATA

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STATE OF MINNESOTA

HIGHWAY DISTRICTS AND
URBAN MUNICIPALITIES
(population over 5000)
126 Cities

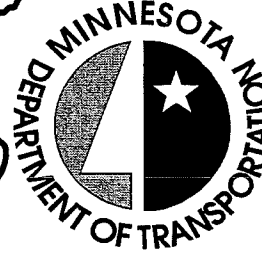
METRO MUNICIPALITIES

40 Metro West Cities

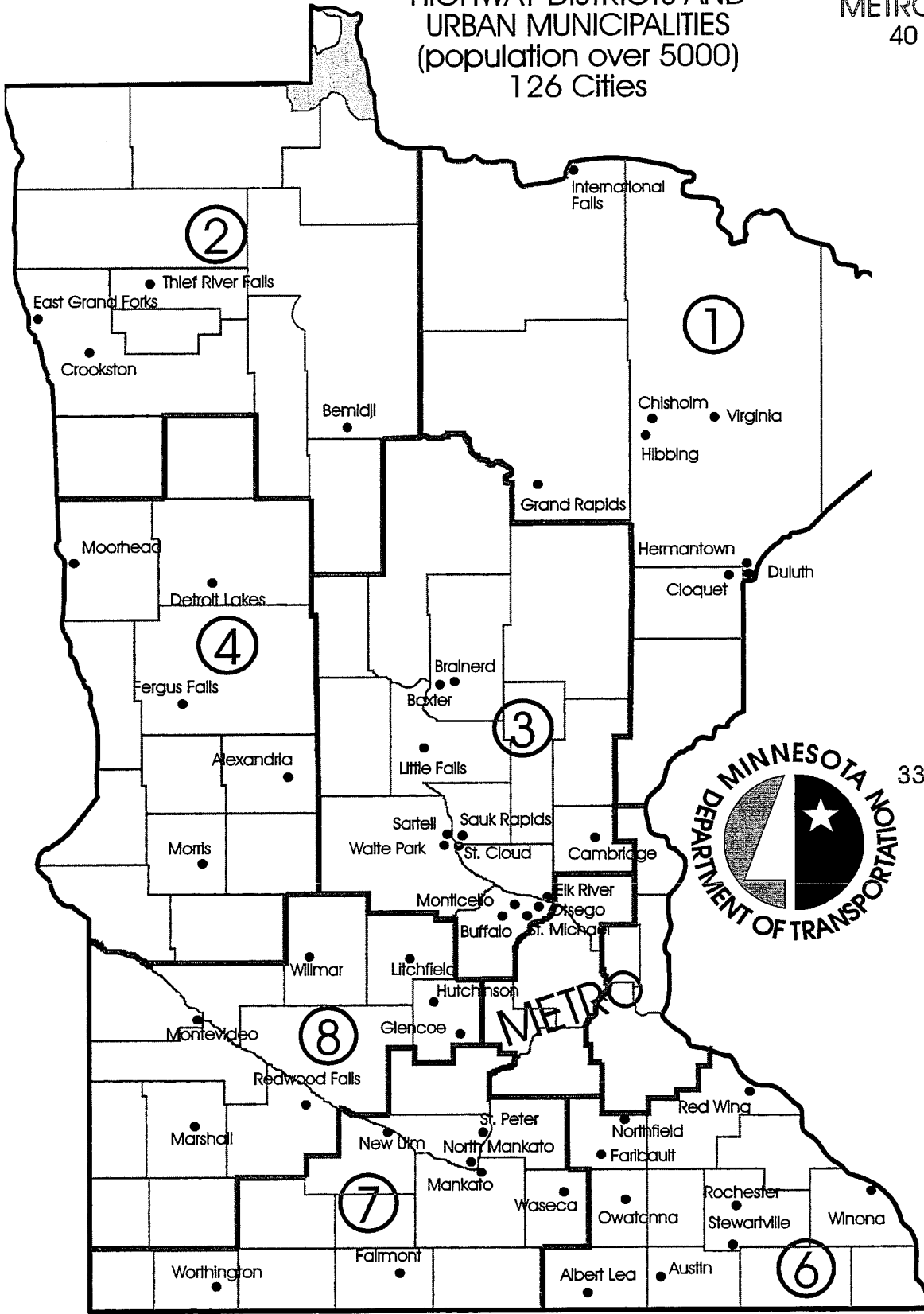
- Andover
- Anoka
- Blaine
- Bloomington
- Brooklyn Center
- Brooklyn Park
- Champlin
- Chanhausen
- Chaska
- Columbia Heights
- Coon Rapids
- Corcoran
- Crystal
- Dayton
- East Bethel
- Eden Prairie
- Edina
- Fridley
- Golden Valley
- Ham Lake
- Hopkins
- Lino Lakes
- Maple Grove
- Minneapolis
- Minnetonka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

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



METRO



January, 1999

1999 MUNICIPAL SCREENING BOARD

OFFICERS

Chairman	John Rodeberg	Hutchinson	(320) 234-4208
Vice Chairman	Ken Ashfeld	Maple Grove	(612) 494-6000
Secretary	Dave Jessup	Woodbury	(651) 714-3593

MEMBERS

<u>District</u>	<u>Served</u>	<u>Representative</u>	
1	2	David Salo	Hermantown (218) 727-8796
2	3	David Kildahl	Crookston (218) 281-6545
3	3	Terry Wotzka	Waite Park, Sauk Rapids (612) 253-1000
4	2	Tim Schoonhoven	Alexandria (320) 762-8149
Metro-West	1	Lee Gustafson	Minnetonka (612) 939-8200
6	2	David Olson	Albert Lea (507) 377-4325
7	1	Steven P. Koehler	New Ulm (507) 359-8245
8	3	Daniel Sarff	Litchfield (612) 231-3956
Metro-East	1	Mark Burch	White Bear Lake (651) 429-8531
(Three Cities		Mark Winson	Duluth (218) 723-3278
of the		Ramankutty Kannankutty	Minneapolis (612) 673-2476
First Class)		Ed Warn	St. Paul (612) 266-6142
<u>District</u>		<u>Alternates</u>	
1		David Mattei	Chisholm (218) 254-5793
2		Michael Metso	Bemidji (218) 759-3576
3		Larry Koshak	Otsego (612) 427-5860
4		Steve Windish	Morris (320) 762-8149
Metro-West		Dave Hutton	Savage (612) 882-2670
6		Tim Murray	Faribault (507) 334-2222
7		Tim Loose	St. Peter (507) 625-4171
8		Keith Nelson	Marshall (507) 537-6774
Metro-East		Chuck Ahl	Burnsville (612) 895-4400

1999 SUBCOMMITTEES

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

The past Chairman 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
Tom Drake - Chair Red Wing (651) 227-6220 Expires in 1999	Dave Sonnenberg - Chair Minneapolis (612) 673-2443 Expires in 1999
Jack Bittle Champlin (612) 421-1955 Expires in 2000	Brian Bachmeier Oakdale (612) 739-5086 Expires in 2000
Larry Read Fairmont (507) 238-9461 Expires in 2001	John Rodeberg Hutchinson (320) 234-4208 Expires in 2001

ALLOCATION STUDY SUBCOMMITTEE	
Ramankutty Kannankutty - Minneapolis (Chair)	(612) 673-2456
Gerald Butcher - Maple Grove	(612) 420-4000
Tom Drake - Red Wing	(612) 227-6220
John Flora - Fridley	(612) 571-3450
Jim Prusak - Cloquet	(218) 879-6758
Herb Reimer - Moorhead	(218) 299-5390
Mike Rardin - St. Louis Park	(612) 924-2551
Ed Warn - St. Paul	(612) 266-6142

1998 MUNICIPAL SCREENING BOARD FALL MEETING MINUTES

October 27 and 28, 1998

I. Opening by Chairman Rodeberg

The 1998 Municipal Screening Board Spring Meeting was called to order at 1:00 p.m., October 27, 1998

A. Chairman Rodeberg Introduced:

Ken Ashfeld, Maple Grove- Vice-Chair of the Municipal Screening Board

Pat Murphy, Mn\DOT- Director, State Aid for Local Transportation

Ken Straus, Mn\DOT- Manager, Municipal State Aid Needs Unit

Dan Edwards, Fergus Falls - Chair of the Unencumbered Construction Fund Subcommittee

Brian Bachmeier, Oakdale- Past Chair of the Municipal Screening Board

Ramankutty Kannankutty, Minneapolis- Chair of the Allocation Study Subcommittee

Dave Halter, Grand Rapids- Secretary of the Screening Board.

Dave Sonnenberg, Minneapolis- Past Chair, Municipal Screening Board

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

District 1	District 2	District 3	District 4
Dave Salo	David Kildahl	Terry Wotzka	Tim Schoonoven
Hermantown	Crookston	Sauk Rapids	Alexandria
		Waite Park	
Metro West	District 6	District 7	District 8
Jack Bittle	David Olson	Larry Read	Dan Sarff
Champlin	Albert Lea	Fairmont	Litchfield

Metro East	Duluth	Minneapolis	St. Paul
David Jessup	Mark Winson	Ramankutty	Ed Warn
Woodbury		Kannankutty	

Recognize Screening Board Alternates. All were present as follows:

Metro-West	District 7	Metro East
Lee Gustafson	Steven Koehler	Mark Burch
Minnetonka	New Ulm	White Bear lake

B. The Chair recognized Department of Transportation personnel.

Mike Pinsonneault
Assistant State Aid Engineer

Ken Hoeschen
Manager, County State Aid Needs

Mike Tardy
District 1 State Aid Engineer

Lou Tasa
District 2 State Aid Engineer

Kelvin Howieson
District 3 State Aid Engineer

Tallack Johnson
District 4 State Aid Engineer

Greg Paulson
District 6 State Aid Engineer

Doug Haeder
District 7 State Aid Engineer

Tom Behm
District 8 State Aid Engineer

Bob Brown
Metro Division State Aid Engineer

Khani Sahebjam
State Aid Pre-Letting Engineer

C. The Chair recognized others in attendance.

Dave Kreager
Duluth

Greg Peterson
St. Paul

Dan Sabin
Minneapolis

Larry Veek
Minneapolis

Marshall Johnston
Municipal State Aid Needs

Greg Coughlin
Ass't. Metro District State Aid Engineer

Greg Felt
Ass't. Metro District State Aid Engineer

II. 1998 Municipal State Aid Needs Report

A. The Spring 1998 Screening Board Minutes were presented for approval:

Motion by Mark Winson/Second by Larry Read to approve the minutes. Motion passed

B. Ken Straus reviewed the Municipal Needs Report

He suggested that we review the report in detail today and any action that is required should be taken Wednesday morning. This will give Board members the evening to digest the information.

Mr. Straus discussed the Needs Study Subcommittee and its membership. He noted that Ken Saffert was completing his term, that Curt Krechlau had left the City of Buffalo for a position with MN/DOT and that Dave Halter may have a time conflict since he is also serving as the Sec/Treas of CEAM. The Ceam executive committee should resolve this a their winter meeting.

Mr. Straus noted that cities with more than three times their annual allocation were sent letters asking them to explain the reason for the high balance and their five year construction plan as the board had requested at the spring meeting. The Board encourages them to spend down their balance.

Metropolitan Council and State Demographer estimates shows that we have added about 240,000 people since 1990. Eagan has grown the most since 1990 while Woodbury has grown the most since 1996. Based on the new population counts each person is worth about \$.21 less.

There is a large difference in needs between 1997 and 1998. This is due to a large difference in unit prices adopted at the spring meeting. There is a problem with the unit price updating. The computer can only handle five digits and we adopted \$100,000 for signals. A modification will have to be made to a lower figure.

The needs value is about \$2.80 less per thousand in needs due to the total needs rising. Baxter has been added to the list and right now is receiving needs at the minimum level but that will rise when they establish their system.

The threshold for advances is now set at \$30,000,000. We now have about \$13,000,000 in outstanding advances. If the total unencumbered balance is reduced to \$40,000,000, the amount available for advancement will be rather small. This money is provided on a first come first serve basis. Ed Warn indicated he would like to see more discussion on this issue.

1.5% of the account is set aside for administration and 0.5% is set aside for research. All of the money that gets set aside for research gets spent.

Mr. Straus passed out a suggested resolution regarding mileage. This will be discussed and acted on tomorrow.

There was a suggestion to refer the unit price of traffic signals to the Needs Study Subcommittee. It should possibly be tied to traffic. There also was a suggestion to look at street lighting and possibly consider the width of the street as a determining factor in the unit price of lighting.

Minneapolis has submitted a letter requesting that all one-way pairs be rescinded on their system. If passed this would be effective next year according to Ken Straus.

- III. Chairman Rodeberg called for discussion on any other item that the board or audience was interested in taking up.

Chairman Rodeberg noted that a letter had been sent to Commissioner Denn regarding a CEAM survey on metrification. It doesn't seem like there is a unified national effort to go to metric at this time. The CEAM survey indicated that of those responding (67) 66% did not favor MN/DOT's decision to stay with metric. Dave Olson from District 6 noted that the municipal engineers in that district would prefer English units.

Ed Warn, St. Paul, brought up fund advances. He believes advances are a way to fund big projects and not have to save up for them and take a penalty in the meantime. He is concerned that the system presently allows for an ongoing low interest loan to all cities except the first class cities. He recommends that advances be limited to the construction allocation times the multiplier. Tim Schoonoven, District 4, prefers that the advances be kept as flexible as possible.

Pat Murphy indicated that federal funds will go up about 25-30% and this should affect local projects.

There being no more business discussion brought forward a motion to adjourn until 8:30 Wednesday morning was made by Mark Winson. It was seconded by Terry Wotzca. Motion passed.

JUNE 10, 1998 MORNING SESSION:

The Screening Board reconvened at 8:30 a. m., Wednesday, October 28.

VI. Formal actions taken by the Board.

A. Needs and Apportionment Data

Motion was made by Ramankutty Kannankutty to accept the needs and apportionment data as presented by Ken Straus. The motion was seconded by Jack Bittle. Motion carried.

B. Research Account

The maximum amount the Board can set aside for the research account is 1/2 of 1%. Mark Winson moved to adopt the following resolution: "Be it resolved that an amount (not to exceed 1/2 of 1% of the 1998 M.S.A.S. Apportionment sum of \$93,828,258) shall be set aside from the 1999 Apportionment fund and be credited to the research account. Larry Read seconded the motion. Motion carried.

C. Mileage Resolution

David Jessup made a motion to amend the mileage resolution to the following wording: Feb. 1959(Revised Oct. 1994 & Oct. 1998) The maximum mileage for Municipal State Aid Street designation shall be 20 percent of the municipalities basic mileage which is comprised of the total improved mileage of local streets, county roads and county road turnbacks.

Nov. 1965(Revised 1972, Oct. 1993, 1995 and Oct.1998) 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 which are not designated trunk highway, trunk highway turnback or County State Aid Highway system shall be considered in the computation of the basic street mileage. The total mileage of the local streets, county roads and county road turnbacks in the corporate limits shall be included in the

municipalities basic street mileage. Mileage which is on the boundary of two adjoining urban municipalities shall be considered as one half mileage.

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

However the maximum mileage for State Aid designation may be exceeded to designate trunk highway turnbacks after July 1, 1965 subject to State Aid Operations Rules. All mileage on the MSA system shall accrue needs in accordance with current rules and resolutions.

Oct. 1961 (Revised May 1980, Oct. 1982, Oct. 1983, June 1993 & Oct. 1998) All requests for additional mileage or revisions the Municipal State Aid System must be received by the District State Aid Engineer by March First and a City Council resolution of the approved mileage and the Needs Study reporting data must be received by May First, to be included in the current year's Needs Study. Any requests for additional mileage or revisions to the Municipal State Aid System received by the District State Aid Engineer after March First will be included in the following year's Needs Study.

Tim Schoonoven seconded the motion. Motion carried.

D. Traffic Signal Unit Price

Dan Sarf moved to revise the unit price for traffic signals from \$100,000 to \$99,990 due to the mainframe computer limitations. Ramankutty Kannankutty seconded the motion. Motion carried.

E. Rescind approval of one-pairs in Minneapolis

David Salo moved to "rescind the approval of the one-way pairs previously approved for Minneapolis". Jack Bittle seconded the motion. Motion carried.

F. General Fund Advances

Ed Warn made a motion "to base general fund advances on the previous years construction allotment. David Jessup seconded the motion. After discussion Warn and Jessup withdrew the motion. Warn moved to "send the issue of construction fund advances to the Unencumbered Construction Funds Subcommittee. The motion was seconded by Jessup. Motion carried.

G. Metro Board Member Term

Pat Murphy suggested that we make a one time change in the term for metro board members so two do not come on at the same time. He suggests that something be done at the January CEAM meeting to formalize this. Larry Read moved to accept Mr. Murphy's suggestion. Jack Bittle seconded the motion. Motion carried.

H. Murphy Resolution

Larry Read moved to adopt the following resolution:

RESOLUTION EXPRESSING APPRECIATION
FOR DEDICATED SERVICE PROVIDED BY PATRICK MURPHY
OCTOBER 29, 1998

WHEREAS Patrick Murphy has served the State of Minnesota and its municipalities as the State Aid Engineer since JUNE, 1994, and

WHEREAS Patrick Murphy has provided loyal and dedicated and professional service to the Municipal State Aid Screening Board, and

WHEREAS Patrick Murphy has been a partner with the Municipal Engineers in maintaining the Municipal State Aid Street system at a high level, and

WHEREAS Patrick Murphy has worked hard and diligently to provide the timely and fair funding to all municipalities, and

WHEREAS Patrick Murphy has indicated his intent to retire from dedicated service to the municipalities of the State of Minnesota.

NOW THEREFORE BE IT RESOLVED that the municipal State Aid Screening Board does hereby express its sincere gratitude and appreciation to Patrick Murphy and expresses our hope for a long and happy retirement.

Motion was seconded by "all". Motion carried unanimously.

IV. Closing comments by Pat Murphy

Pat provided a handout on the turnback funding proposal. He expressed the importance of the Screening Board making decisions on spending State Aid money.

Chairman Rodeberg asked Ken Straus about the streetlight unit price study and noted that there are a lot of differences between streets and the cost of lighting them. Presently the needs reflect \$20,000 per mile and some cities are spending up to \$200,000 per mile.

Rammankutty Kannankutty moved that this issue be sent to the Needs Study Subcommittee. Ed Warn seconded the motion. Motion carried

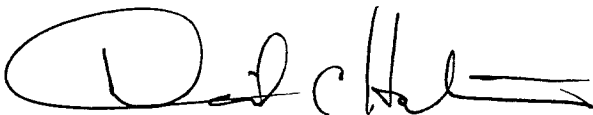
V. The Chair thanked Ken Saffert, Chair of the Needs Study Subcommittee, Dan Edwards, Chair of the Unencumbered Construction Fund Subcommittee, Ramankutty Kannankutty, Chair of the Allocation Study Subcommittee, and the members of the Screening Board for their work.

He also thanked the past Chairs of the Screening Board who are present: Dan Edwards, Dave Sonnenberg and Brian Bachmeier.

The Chairman recognized the three members of the Screening Board who will be leaving due to the expiration of their term; Jack Bittle, Larry Read and David Jessup..

VI. Upon a motion by Rammankutty Kannankutty and second by Mark Winson the meeting of the Municipal Screening Board was adjourned at 9:09 a.m.

Submitted by,

A handwritten signature in black ink, appearing to read "David C. Halter". The signature is fluid and cursive, with a large initial "D" and a long horizontal stroke at the end.

David C. Halter, PE
MSA Screening Board Secretary
Grand Rapids City Engineer

SCHEDULE "A"

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Minnesota Department of Transportation ESTIMATED Funds Available for Distribution in Calendar Year 1999 From Highway User Tax Distribution Fund

ESTIMATED Gross Income After Refunds (Fiscal 1999)		
Motor Fuel Tax 7-1-98 to 12-31-98	\$303,072,919	
1-1-99 to 6-30-99 (Est.)	<u>274,779,400</u>	
Subtotal		\$577,852,319
Motor Vehicle Tax 7-1-98 to 12-31-98	\$265,626,263	
1-1-99 to 6-30-99 (Est.)	<u>285,656,577</u>	
Subtotal		\$551,282,840
Interest Earned on Highway User Tax Distribution Fund		
7-1-98 to 12-31-98	630,792	
1-1-99 to 6-30-99 (Est.)	<u>454,200</u>	
Subtotal: HUTD Interest		\$1,084,992
Total Highway Users Income		\$1,130,220,151

Less Transfer to:

DEPARTMENT OF PUBLIC SAFETY		
Motor Vehicle Division Collection Costs	\$13,023,000	
General Fund Reimbursement	716,000	
Trunk Highway Reimbursement	610,000	
DEPARTMENT OF REVENUE		
Petroleum Division Collection Costs	2,101,000	
DEPARTMENT OF NATURAL RESOURCES		
Unrefunded Marine Gas Tax	6,889,410	
Unrefunded Snowmobile Gas Tax	4,592,940	
Unrefunded All Terrain Vehicle Gas Tax	688,941	
Unrefunded Forest Road	637,490	
Off-Road Motorcycle Gas Tax	211,276	
Off-Road Vehicle Gas Tax	753,243	
DEPARTMENT OF ADMINISTRATION		
Snowmobile Study	0	
Statewide Indirect Costs (Estimated)	<u>450,000</u>	
Subtotal: Transfers Out		<u>(\$30,673,300)</u>

ESTIMATED Funds Available for Distribution in Calendar Year 1999 **\$1,099,546,851**

Special 5% Distribution (M.S. 161.081, M.S. 161.082, M.S. 161.083)

\$1,099,546,851 x 5% = \$54,977,342

Trunk Highway Fund	(28%)	\$15,393,656
County Turnback Account	(64% x 27.5%)	9,676,012
Town Bridge Account	(64% x 25%)	8,796,375
Town Road Account	(64% x 47.5%)	16,713,112
Municipal Turnback Account	(8%)	<u>4,398,187</u>
Subtotal: 5% Distribution		\$54,977,342

Regular Distribution (Minn. Constitution Art. XIV, Sect. 5)

\$1,099,546,851 x 95% = \$1,044,569,509

Trunk Highway Fund	(62%)	647,633,095
County State Aid Highway Fund	(29%)	302,925,158
Municipal State Aid Street Fund	(9%)	<u>94,011,256</u>
Subtotal: 95% Distribution		\$1,044,569,509

Total Highway User Funds Available for Distribution in Calendar Year 1999 **\$1,099,546,851**

SCHEDULE "B"

Minnesota Department of Transportation ESTIMATED Funds Available for Distribution in 1999

Counties

INCOME:

Highway Users Fund (29% of Regular 95% Distribution) - Excluding Turnback		\$302,925,158
Investment Interest		16,250,000
Increase/(Decrease) in income over 1998 estimate		(1,341,816)
Workers Comp Refund		4,002
Unexpended balance of 1998 Administrative Cost Account		1,006,000
Unexpended balance of 1998 Research Account		0
Release of Unencumbered State Park Fund		(0)
		(0)
Total Funds Available		\$318,843,344

DEDUCTIONS:

Administrative Account (1-1/2% of total funds available)		\$4,782,650
Disaster Fund		
Legal Limit (1% of Total Apportionment to Co.)	3,108,543	
Unexpended balance as of 12/31/98	3,718,711	
Amount required to make the 1% maximum		(\$610,168)
Research Account (1/2 of 1% of the 1998 Apportionment Sum)		
\$293,510,766 x .50% = \$1,467,554		
(As determined by 1998 Screening Board)		\$1,467,554
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.		\$2,349,025
		(\$7,989,061)

**APPORTIONMENT SUM Available for Distribution to
the Counties in 1999**

			\$310,854,283
Equalization	10% =	31,085,428	
Registration	10% =	31,085,428	
Mileage	30% =	93,256,285	
Money Needs	50% =	155,427,142	
		\$310,854,283	

SCHEDULE "C"

Minnesota Department of Transportation
ESTIMATED Funds Available for Distribution in 1999

Municipalities

INCOME:

Highway Users Fund (9% of Regular 95% Distribution) - Excluding Turnback		\$94,011,256
Interest on Investments		8,750,000
Increase (Decrease) in income over 1998 estimate		(2,180,237)
Workers Comp Refund		1,205
Unexpended balance of 1998 Administrative Cost Account		161,000
Unexpended balance of 1998 Research Account		<u>0</u>
Total Funds Available		\$100,743,224

DEDUCTIONS:

Administrative Account (1-1/2% of total funds available)		\$1,511,149
Disaster Fund		
Legal Limit		
(5% of the Current Apportionment Sum)	\$4,872,857	
Unexpended balance as of 12/31/98	<u>3,567,073</u>	
Amount required to make maximum allowed		\$1,305,784

NOTE: Annual amount cannot be greater than 2% of total funds available after deducting Administrative Account.

Research Account (1/2 of 1% of the 1998 Apportionment Sum)		
\$93,828,258 x .50% = \$469,141		
(As determined by 1998 Screening Board)		\$469,141

(\$3,286,074)

**APPORTIONMENT SUM Available for Distribution to
the Urban Municipalities in 1999**

\$97,457,150

Population	50% =		\$48,728,575
Money Needs	50% =		<u>48,728,575</u>
			\$97,457,150

SCHEDULE "D"

Minnesota Department of Transportation
ESTIMATED Funds Available for Distribution in 1999

Town Bridge Account & Town Road Account

Income to Town Bridge Account:		
Highway Users Fund(64% x 25% x 5%)	\$8,796,375	
Increase (Decrease) in income over previous years estimates	<u>(3,839)</u>	
Total monies available for distribution to Towns in 1999		\$8,792,536
Income to Town Road Account:		
Highway Users Fund(64% x 47.5% x 5%)	\$16,713,112	
Increase (Decrease) in income over previous years estimates	<u>(7,293)</u>	
Total monies available for distribution to Towns in 1999		\$16,705,819

HIGHWAY USERS FUND HISTORY

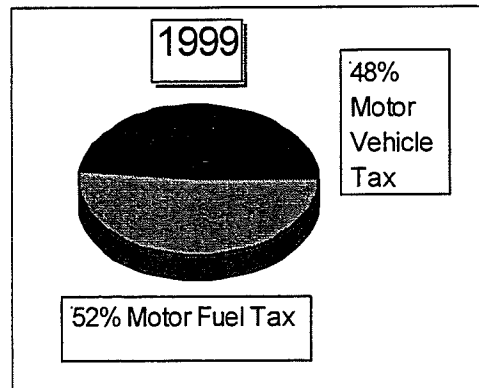
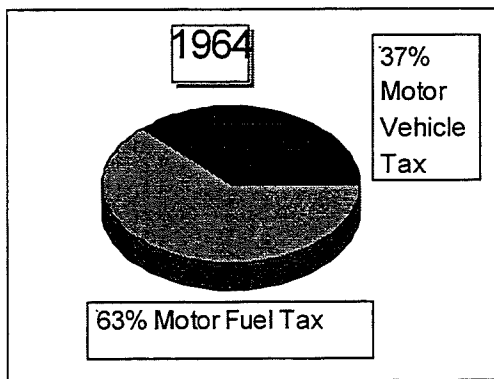
Motor Fuel Tax (Gas Tax) History

	1958	1964	1968	1976	1980	1982	1983	1984	1988
Gas Tax per gal.	\$0.04	\$0.05	\$0.06	\$0.07	\$0.09	\$0.11	\$0.13	\$0.16	\$0.17
Increased to	\$0.05	\$0.06	\$0.07	\$0.09	\$0.11	\$0.13	\$0.16	\$0.17	\$0.20

Revenue generated by \$0.20 gas tax per gallon:

Average Miles per Gallon	10,000 miles Driven	15,000 miles Driven	20,000 miles Driven
15	\$133	\$200	\$266
20	\$100	\$150	\$200
25	\$80	\$120	\$160
30	\$67	\$100	\$133

An auto averaging 15 miles per gallon in 1981 would cost \$73 in gas tax to drive 10,000 miles.
 An auto averaging 25 miles per gallon in 1998 would cost \$80 in gas tax to drive 10,000 miles.



Motor Vehicle Tax (License Fees) History

The Motor Vehicle Tax (license fees) are based on the life and value of the car. Currently, the Motor Vehicle Tax is \$10 plus 1.25% of the base value of the vehicle.

Percentage of Highway Users Fund generated by Motor Vehicle Tax:

	Before Gas Tax Increase	After Gas Tax Increase
1964	37%	
1965		
1976	32%	
1977		33%
1980	38%	
1981		36%
1982	38%	
1983		39%
1984	37%	
1985		36%
1988*	39%	
1989*		33%
1990*		36%
1991*		41%
1992		42%
1993		45%
1994		47%
1995		46%
1996		48%
1997		47%
1998		48%
1999		48%

* From 1988 thru 1991, a portion of the Motor Vehicle Excise Tax (sales tax) was included in the Highway Users Fund.

APPORTIONMENT SUMMARY

The Municipalities share of the Highway Users Tax Distribution Fund for the 1999 apportionment is \$97,457,150. This amount is a increase of \$3,628,892 or 3.7236 % greater than the 1998 apportionment. The increase in revenue was generated by both higher amounts collected from gas tax and license fees. A greater revenue increase occurred from the motor vehicle tax. The available funds are distributed 50% on Population and 50% on Adjusted Construction (Money) Needs and is done by the following steps.

Step 1. Population Allocation is determined:

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 1990 Federal Census or Special Census in conjunction with the State Demographer's or Metropolitan Council's 1997 estimate was used to determine the 1999 population apportionment. The estimate was used to compute the population apportionment when the City's population was larger than the 1990 census or special census. The census was used if the estimate indicated a lower population.

The following adjustments were made to the 1990 census and 1997 estimate due to annexations.

<i>Albert Lea</i>	<i>+ 1</i>	<i>Little Falls</i>	<i>+ 17</i>
<i>Alexandria</i>	<i>+ 100</i>	<i>Mankato</i>	<i>+ 5</i>
<i>Austin</i>	<i>+ 8</i>	<i>North Mankato</i>	<i>+ 5</i>
<i>Bemidji</i>	<i>+ 392</i>	<i>Redwood Falls</i>	<i>+ 12</i>
<i>Brainerd</i>	<i>+ 472</i>	<i>Rochester</i>	<i>+ 100</i>
<i>Farmington</i>	<i>+ 3</i>	<i>Sartell</i>	<i>+ 50</i>
<i>Hutchinson</i>	<i>+ 43</i>	<i>Sauk Rapids</i>	<i>+ 2</i>
<i>Lake Elmo</i>	<i>+ 2</i>	<i>Willmar</i>	<i>+ 75</i>

The population used for allocation purposes increased 316,710 since the 1990 census. Besides the use of population estimates, the increase includes the addition of 10 new cities and the population included in numerous annexations. The addition of 10 cities after the census increased the total by 52,111 and the annexations increased the total by 13,543. The remaining increase of 251,056 people was due to population growth.

Baxter, located west of Brainerd was the only city added in 1998 with a estimated population of 5021. This addition increased the total number of cities over 5,000 to 126.

The 1999 per capita population allocation is approximately \$15.59. This is increase of \$.37 from the 1998 allocation. All cities had a increase in the 1999 population apportionment.

Step 2. MSAS Construction Needs Allocation is determined:

50% of the total apportionment sum is determined on a prorated share that the city's Adjusted Construction (Money) Needs bears to the total Adjusted Construction Needs of all cities. The meaning of Construction (Money) Needs used in this report is a estimate 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 county or trunk highway turnback mileage. The result of Screening Board adjustments to the Construction Needs are called the Adjusted Construction Needs.

In the 1999 apportionment, \$1000 in Adjusted Construction Needs earned approximately \$24.47. This is a decrease of \$2.26 per \$1000 from the 1998 apportionment when the needs earned approximately \$26.73. The Construction Needs Allocation yielded a increase to 80 cities and a decrease to 46 cities. The value of the adjusted needs were decreased because the additional revenue received for distribution didn't keep pace with the increase in total needs. The adjusted needs between the 1997 and 1998 needs study increased over 235 million dollars. The large increase in needs is due to adjustments to the unit prices, additional mileage designated and the update of traffic counts.

Step 3. The Total Allotment is determined:

Population and adjusted construction needs allocations are combined to determine the city's total apportionment. 101 cities increased and 25 decreased in the 1999 apportionment from the 1998 apportionment.

Step 4. Construction and Maintenance Allotments are determined:

Each city's total allotment is used to determine the amount allocated to their Maintenance and Construction Accounts. If a city didn't request more than the minimum maintenance, it was allocated at a rate of \$1500 per improved mile plus any bond interest that is due in 1999. An Administrative Variance from the State Aid rules adopted in 1995 was processed so that the minimum maintenance could be allocated at \$1500 per improved mile instead of \$1000 per improved kilometer. A greater amount 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.

POPULATION SUMMARY

The 1990 Census and the Estimates includes population increases or decreases due to annexations or detachments.

Municipality	1990 or Special Census	1994 Population Estimate	1995 Population Estimate	1996 Population Estimate	1997 Population Estimate	Difference between 94 & 95 Estimate	Difference between 95 & 96 Estimate	Difference between 96 & 97 Estimate	Difference between 97 Estimate & 90 Census	Population to be used for 1999 Allocation
*** Albert Lea	18,313	18,338	18,207	18,185	18,009	(131)	(22)	(176)	(304)	18,313
Alexandria	8,139	8,251	8,274	8,348	8,515	23	74	167	376	8,515
Andover	15,216	19,465	20,497	21,495	22,369	1,032	998	874	7,153	22,369
Anoka	17,192	17,509	17,533	17,693	17,831	24	160	138	639	17,831
Apple Valley	34,598	39,188	40,684	41,578	42,617	1,496	894	1,039	8,019	42,617
Arden Hills	9,199	9,426	9,560	9,678	9,692	134	118	14	493	9,692
Austin	21,961	22,062	22,055	22,086	22,016	(7)	31	(70)	55	22,016
***** Baxter	5,021				5,021			5,021		5,021
Bemidji	11,560	11,494	11,422	11,509	12,074	(72)	87	565	514	12,074
Blaine	38,975	41,658	42,268	43,029	43,847	610	761	818	4,872	43,847
Bloomington	86,335	86,683	86,912	87,292	87,370	229	380	78	1,035	87,370
Brainerd	12,825	12,521	12,579	12,591	13,163	58	12	572	338	13,163
*** Brooklyn Center	28,887	28,484	28,463	28,502	28,515	(21)	39	13	(372)	28,887
Brooklyn Park	56,381	58,471	59,832	61,297	62,499	1,361	1,465	1,202	6,118	62,499
Buffalo	7,302	7,722	7,994	9,114	9,324	272	1,120	210	2,022	9,324
Burnsville	51,288	54,525	55,550	56,952	57,578	1,025	1,402	626	6,290	57,578
Cambridge	5,119	5,222	5,325	5,356	5,337	103	31	(19)	218	5,337
Champlin	16,849	19,030	19,154	19,838	20,307	124	684	469	3,458	20,307
Chanhassen	11,736	14,316	15,231	16,199	16,917	915	968	718	5,181	16,917
Chaska	11,339	13,721	14,000	14,370	14,817	279	370	447	3,478	14,817
*** Chisholm	5,290	5,220	5,170	5,167	5,141	(50)	(3)	(26)	(149)	5,290
Cloquet	10,885	11,070	11,160	11,164	11,180	90	4	16	295	11,180
*** Columbia Heights	18,910	18,882	18,681	18,683	18,699	(201)	2	16	(211)	18,910
Coon Rapids	52,978	58,991	59,981	60,703	61,260	990	722	557	8,282	61,260
Corcoran	5,199	5,508	5,549	5,615	5,698	41	66	83	499	5,698
Cottage Grove	22,935	26,675	27,726	29,031	30,094	1,051	1,305	1,063	7,159	30,094
*** Crookston	8,119	8,163	8,135	8,152	8,116	(28)	17	(36)	(3)	8,119
*** Crystal	23,788	23,703	23,661	23,667	23,651	(42)	6	(16)	(137)	23,788
***** Dayton	5,058			5,058	5,122		5,058	64	64	5,122
Detroit Lakes	7,151	7,301	7,317	7,324	7,316	16	7	(8)	165	7,316

Municipality	1990 or Special Census	1994 Population Estimate	1995 Population Estimate	1996 Population Estimate	1997 Population Estimate	Difference between 94 & 95 Estimate	Difference between 95 & 96 Estimate	Difference between 96 & 97 Estimate	Difference between 97 Estimate & 90 Census	Population to be used for 1999 Allocation
*** Duluth	85,493	85,746	85,665	85,511	85,225	(81)	(154)	(286)	(268)	85,493
Eagan	47,409	54,957	56,681	57,757	59,021	1,724	1,076	1,264	11,612	59,021
East Bethel	8,050	8,702	8,995	9,172	9,723	293	177	551	1,673	9,723
East Grand Forks	8,658	8,947	8,983	9,003	9,048	36	20	45	390	9,048
Eden Prairie	39,311	44,189	46,310	47,840	49,287	2,121	1,530	1,447	9,976	49,287
Edina	46,075	46,841	46,845	47,029	47,113	4	184	84	1,038	47,113
Elk River	11,143	12,811	13,286	14,019	14,667	475	733	648	3,524	14,667
Fairmont	11,265	11,350	11,340	11,337	11,339	(10)	(3)	2	74	11,339
Falcon Heights	5,380	5,297	5,355	5,384	5,389	58	29	5	9	5,389
Faribault	17,090	18,492	18,727	18,838	19,016	235	111	178	1,926	19,016
Farmington	5,943	6,870	7,708	8,770	9,763	838	1,062	993	3,820	9,763
Fergus Falls	12,701	12,596	12,876	13,079	13,217	280	203	138	516	13,217
Forest Lake	6,008	6,397	6,538	6,641	6,691	141	103	50	683	6,691
Fridley	28,335	28,104	28,204	28,267	28,419	100	63	152	84	28,419
** Glencoe	5,196		5,196	5,196	5,247	5,196	0	51	51	5,247
Golden Valley	20,971	20,947	20,911	20,870	20,986	(36)	(41)	116	15	20,986
Grand Rapids	7,976	8,163	8,159	8,366	8,434	(4)	207	68	458	8,434
Ham Lake	8,924	9,825	10,243	11,030	11,567	418	787	537	2,643	11,567
Hastings	15,478	16,200	16,392	16,920	17,268	192	528	348	1,790	17,268
Hermantown	6,761	7,237	7,093	7,133	7,182	(144)	40	49	421	7,182
*** Hibbing	18,046	17,964	17,857	17,824	17,783	(107)	(33)	(41)	(263)	18,046
Hopkins	16,529	16,536	16,573	16,665	16,559	37	92	(106)	30	16,559
** Hugo	5,223	5,208	5,324	5,625	5,820	116	301	195	597	5,820
Hutchinson	11,502	12,174	12,505	12,587	12,753	331	82	166	1,251	12,753
*** International Falls	8,301	7,811	7,828	7,810	7,751	17	(18)	(59)	(550)	8,301
Inver Grove Heights	22,477	25,243	26,012	26,981	27,917	769	969	936	5,440	27,917
Lake Elmo	5,876	6,072	6,148	6,192	6,328	76	44	136	452	6,328
* Lakeville	33,274	32,978	34,292	36,002	37,303	1,314	1,710	1,301	4,029	37,303
Lino Lakes	8,807	12,266	13,097	13,756	14,560	831	659	804	5,753	14,560
Litchfield	6,090	6,138	6,133	6,138	6,278	(5)	5	140	188	6,278
Little Canada	8,971	9,225	9,337	9,469	9,564	112	132	95	593	9,564
Little Falls	7,388	7,595	7,595	7,647	7,670	0	52	23	282	7,670
Mahtomedi	5,633	6,353	6,543	6,865	7,097	190	322	232	1,464	7,097
Mankato	31,417	31,913	31,977	32,000	31,850	64	23	(150)	433	31,850
Maple Grove	38,736	43,542	44,313	44,996	46,181	771	683	1,185	7,445	46,181

Municipality	1990 or Special Census	1994 Population Estimate	1995 Population Estimate	1996 Population Estimate	1997 Population Estimate	Difference between 94 & 95 Estimate	Difference between 95 & 96 Estimate	Difference between 96 & 97 Estimate	Difference between 97 Estimate & 90 Census	Population to be used for 1999 Allocation
Maplewood	30,954	32,903	33,533	34,008	34,771	630	475	763	3,817	34,771
Marshall	12,023	12,397	12,331	12,348	12,542	(66)	17	194	519	12,542
Mendota Heights	9,388	10,636	10,757	10,856	10,991	121	99	135	1,603	10,991
*** Minneapolis	368,383	366,480	365,889	364,382	362,090	(591)	(1,507)	(2,292)	(6,293)	368,383
Minnetonka	48,370	50,569	50,927	51,607	52,176	358	680	569	3,806	52,176
Montevideo	5,499	5,519	5,505	5,524	5,516	(14)	19	(8)	17	5,516
Monticello	5,045	5,527	5,885	6,334	6,749	358	449	415	1,704	6,749
Moorhead	32,295	33,618	33,675	33,800	33,812	57	125	12	1,517	33,812
Morris	5,613	5,647	5,627	5,663	5,739	(20)	36	76	126	5,739
Mound	9,634	9,592	9,584	9,695	9,742	(8)	111	47	108	9,742
Mounds View	12,541	12,552	12,561	12,789	12,854	9	228	65	313	12,854
New Brighton	22,207	22,328	22,538	22,584	22,768	210	46	184	561	22,768
*** New Hope	21,853	21,651	21,646	21,698	21,658	(5)	52	(40)	(195)	21,853
New Ulm	13,132	13,477	13,628	13,881	14,001	151	253	120	869	14,001
**** North Branch	5,140	5,140	5,354	5,726	6,079	214	372	353	939	6,079
North Mankato	10,672	11,183	11,340	11,566	11,683	157	226	117	1,011	11,683
North St. Paul	12,376	12,809	12,813	12,764	12,780	4	(49)	16	404	12,780
Northfield	14,684	15,352	15,667	15,859	16,051	315	192	192	1,367	16,051
**** Oak Grove	5,488	5,997	6,097	6,254	6,436	100	157	182	948	6,436
Oakdale	18,403	22,933	23,835	24,862	25,419	902	1,027	557	7,016	25,419
Orono	7,285	7,444	7,476	7,577	7,671	32	101	94	386	7,671
Otsego	5,380	6,017	6,283	6,391	6,448	266	108	57	1,068	6,448
Owatonna	19,386	20,280	20,433	20,577	20,920	153	144	343	1,534	20,920
Plymouth	50,889	57,391	58,960	60,344	61,620	1,569	1,384	1,276	10,731	61,620
Prior Lake	11,485	12,559	13,129	13,522	14,319	570	393	797	2,834	14,319
Ramsey	12,408	14,907	15,805	16,431	17,372	898	626	941	4,964	17,372
Red Wing	15,134	15,645	15,701	15,770	15,792	56	69	22	658	15,792
**** Redwood Falls	5,074		5,134	5,164	5,209	5,134	30	45	135	5,209
*** Richfield	35,710	35,261	35,237	34,672	34,470	(24)	(565)	(202)	(1,240)	35,710
*** Robbinsdale	14,396	14,255	14,206	14,196	14,179	(49)	(10)	(17)	(217)	14,396
Rochester	71,091	76,865	76,559	77,219	78,291	(306)	660	1,072	7,200	78,291
Rosemount	8,622	11,086	11,721	12,272	12,772	635	551	500	4,150	12,772
Roseville	33,485	33,674	33,942	34,014	34,194	268	72	180	709	34,194
St. Anthony	7,727	7,939	8,362	8,400	8,425	423	38	25	698	8,425
St. Cloud	56,954	58,253	58,566	58,646	59,202	313	80	556	2,248	59,202

Municipality	1990 or Special Census	1994 Population Estimate	1995 Population Estimate	1996 Population Estimate	1997 Population Estimate	Difference between 94 & 95 Estimate	Difference between 95 & 96 Estimate	Difference between 96 & 97 Estimate	Difference between 97 Estimate & 90 Census	Population to be used for 1999 Allocation
**** St. Louis Park	43,787	43,641	43,568	43,967	43,967	(73)	399	0	180	43,967
*** St. Michael	5,867		6,559	6,875	7,262	6,559	316	387	1,395	7,262
**** St. Paul	272,235	271,660	271,120	270,441	269,636	(540)	(679)	(805)	(2,599)	272,235
***** St. Paul Park	5,024			5,024	5,024		5,024	0	0	5,024
St. Peter	9,481	9,782	9,833	9,789	9,788	51	(44)	(1)	307	9,788
Sartell	5,726	6,455	7,063	7,540	8,124	608	477	584	2,398	8,124
Sauk Rapids	7,825	8,946	9,216	9,318	9,460	270	102	142	1,635	9,460
Savage	9,906	13,703	14,444	15,152	16,002	741	708	850	6,096	16,002
Shakopee	11,739	13,041	13,752	14,292	15,311	711	540	1,019	3,572	15,311
Shoreview	24,587	25,957	26,049	26,118	26,378	92	69	260	1,791	26,378
Shorewood	5,913	6,613	6,794	6,889	6,955	181	95	66	1,042	6,955
South St. Paul	20,197	20,396	20,255	20,211	20,284	(141)	(44)	73	87	20,284
Spring Lake Park	6,532	6,628	6,717	6,742	7,061	89	25	319	529	7,061
***** Stewartville	5,032			5,032	5,111		5,032	79	79	5,111
Stillwater	13,972	15,350	15,739	15,906	16,069	389	167	163	2,097	16,069
Thief River Falls	8,010	8,043	8,053	8,285	8,333	10	232	48	323	8,333
*** Vadnais Heights	11,041	11,968	12,342	12,895	13,069	374	553	174	2,028	13,069
Virginia	9,431	9,232	9,173	9,169	9,126	(59)	(4)	(43)	(305)	9,431
Waite Park	5,460	5,903	5,922	5,970	6,087	19	48	117	627	6,087
Waseca	8,385	8,184	8,263	8,434	8,740	79	171	306	355	8,740
West St. Paul	19,248	19,332	19,421	19,450	19,496	89	29	46	248	19,496
White Bear Lake	24,622	25,804	25,849	26,017	26,152	45	168	135	1,530	26,152
Willmar	17,610	18,544	18,688	18,658	18,831	144	(30)	173	1,221	18,831
Winona	26,286	25,805	26,623	26,612	26,683	818	(11)	71	397	26,683
* Woodbury	26,900	28,627	31,258	33,426	35,720	2,631	2,168	2,294	8,820	35,720
Worthington	9,977	10,200	10,260	10,411	10,461	60	151	50	484	10,461
TOTAL	2,888,504	2,969,988	3,021,628	3,072,413	3,111,982	51,640	50,785	39,569	223,478	3,125,088

* Took special census after the 1990 census.
 ** Took special census after the 1990 census and became a city over 5,000.
 *** Used the 1990 census plus population adjustments for annexations or detachments (if any) for allocation.
 **** Incorporated or consolidated after the 1990 census.
 ***** Used estimate in becoming a city over 5,000 population.

1999 POPULATION APPORTIONMENT

(The allocation per Capita equals approximately \$15.59)

The 1990 Census and the 1997 Estimate includes population increases or decreases due to annexations or detachments.

Municipality	Population Used for 1998 Allocation	Population Used for 1999 Allocation	1998 Allocation Using 1990 Census or 96 Estimate	1999 Allocation Using 1990 Census or 97 Estimate	Difference Between 98 & 99 Allocation	% Increase or (Decrease)
Albert Lea	18,312	18,313	\$278,770	\$285,549	\$6,779	2.4318
Alexandria	8,348	8,515	127,084	132,772	5,688	4.4758
Anderson	21,495	22,369	327,226	348,793	21,567	6.5909
Antonia	17,693	17,831	269,347	278,034	8,687	3.2252
Apple Valley	41,578	42,617	632,956	664,514	31,558	4.9858
Arden Hills	9,678	9,692	147,331	151,124	3,793	2.5745
Austin	22,082	22,016	336,162	343,289	7,127	2.1201
Axter		5,021	0	78,291	78,291	100.0000
Bedford	11,509	12,074	175,205	188,266	13,061	7.4547
Bellevue	43,029	43,847	655,045	683,693	28,648	4.3734
Bloomington	87,292	87,370	1,328,876	1,362,335	33,459	2.5178
Bryn Mawr	12,591	13,163	191,677	205,247	13,570	7.0796
Brooklyn Center	28,887	28,887	439,757	450,426	10,669	2.4261
Brooklyn Park	61,297	62,499	933,145	974,528	41,383	4.4348
Buffalo	9,114	9,324	138,746	145,386	6,640	4.7857
Burnsville	56,952	57,578	867,000	897,797	30,797	3.5521
Cambridge	5,356	5,337	81,536	83,218	1,682	2.0629
Camplin	19,838	20,307	302,001	316,641	14,640	4.8477
Canhassen	16,199	16,917	246,603	263,782	17,179	6.9663
Casska	14,370	14,817	218,759	231,037	12,278	5.6126
Chisholm	5,290	5,290	80,531	82,485	1,954	2.4264
Clonet	11,164	11,180	169,953	174,326	4,373	2.5731
Columbia Heights	18,910	18,910	287,873	294,858	6,985	2.4264
Coon Rapids	60,703	61,260	924,102	955,209	31,107	3.3662
Corcoran	5,615	5,698	85,479	88,847	3,368	3.9401
Cottage Grove	29,031	30,094	441,949	469,247	27,298	6.1767
Crookston	8,152	8,119	124,101	126,597	2,496	2.0113
Crystal	23,788	23,788	362,133	370,919	8,786	2.4262
Dayton	5,058	5,122	77,000	79,866	2,866	3.7221
Detroit Lakes	7,324	7,316	111,496	114,076	2,580	2.3140

Municipality	Population Used for 1998 Allocation	Population to be used for 1999 Allocation	1998 Allocation Using 1990 Census or 96 Estimate	1999 Allocation Using 1990 Census or 97 Estimate	Difference Between 98 & 99 Allocation	% Increase or (Decrease)
Duluth	85,511	85,493	\$1,301,763	\$1,333,067	\$31,304	2.4047
Eagan	57,757	59,021	879,254	920,297	41,043	4.6679
East Bethel	9,172	9,723	139,628	151,608	11,980	8.5799
East Grand Forks	9,003	9,048	137,056	141,083	4,027	2.9382
Eden Prairie	47,840	49,287	728,285	768,518	40,233	5.5243
Edina	47,029	47,113	715,938	734,619	18,681	2.6093
Elk River	14,019	14,667	213,416	228,698	15,282	7.1607
Fairmont	11,337	11,339	172,587	176,806	4,219	2.4446
Falcon Heights	5,384	5,389	81,962	84,029	2,067	2.5219
Faribault	18,838	19,016	286,777	296,511	9,734	3.3943
Farmington	8,770	9,763	133,509	152,232	18,723	14.0238
Fergus Falls	13,079	13,217	199,106	206,089	6,983	3.5072
Forest Lake	6,641	6,691	101,098	104,331	3,233	3.1979
Fridley	28,335	28,419	431,353	443,129	11,776	2.7300
Glencoe	5,196	5,247	79,100	81,815	2,715	3.4324
Golden Valley	20,971	20,986	319,249	327,229	7,980	2.4996
Grand Rapids	8,366	8,434	127,358	131,509	4,151	3.2593
Ham Lake	11,030	11,567	167,913	180,361	12,448	7.4134
Hastings	16,920	17,268	257,579	269,255	11,676	4.5330
Hermantown	7,133	7,182	108,588	111,987	3,399	3.1302
Hibbing	18,046	18,046	274,720	281,386	6,666	2.4265
Hopkins	16,665	16,559	253,697	258,200	4,503	1.7750
Hugo	5,625	5,820	85,631	90,750	5,119	5.9780
Hutchinson	12,587	12,753	191,616	198,854	7,238	3.7773
International Falls	8,301	8,301	126,369	129,435	3,066	2.4262
Inver Grove Heights	26,981	27,917	410,741	435,302	24,561	5.9797
Lake Elmo	6,192	6,328	94,263	98,671	4,408	4.6763
Lakeville	36,002	37,303	548,071	581,655	33,584	6.1277
Lino Lakes	13,756	14,560	209,412	227,030	17,618	8.4131
Litchfield	6,138	6,278	93,441	97,891	4,450	4.7624
Little Canada	9,469	9,564	144,150	149,129	4,979	3.4540
Little Falls	7,647	7,670	116,413	119,596	3,183	2.7342
Mahtomedi	6,865	7,097	104,508	110,661	6,153	5.8876
Mankato	32,000	31,850	487,147	496,628	9,481	1.9462
Maple Grove	44,996	46,181	684,989	720,087	35,098	5.1239

Municipality	Population Used for 1998 Allocation	Population to be used for 1999 Allocation	1998	1999	Difference Between 98 & 99 Allocation	% Increase or (Decrease)
			Allocation Using 1990 Census or 96 Estimate	Allocation Using 1990 Census or 97 Estimate		
Maplewood	34,008	34,771	\$517,715	\$542,174	\$24,459	4.7244
Marshall	12,348	12,542	187,978	195,564	7,586	4.0356
Mendota Heights	10,856	10,991	165,265	171,379	6,114	3.6995
Minneapolis	368,383	368,383	5,608,019	5,744,087	136,068	2.4263
Minnnetonka	51,607	52,176	785,631	813,565	27,934	3.5556
Montevideo	5,524	5,516	84,094	86,009	1,915	2.2772
Monticello	6,334	6,749	96,425	105,235	8,810	9.1366
Moorhead	33,800	33,812	514,549	527,221	12,672	2.4627
Morris	5,663	5,739	86,210	89,487	3,277	3.8012
Mound	9,695	9,742	147,590	151,904	4,314	2.9230
Mounds View	12,789	12,854	194,691	200,429	5,738	2.9472
New Brighton	22,584	22,768	343,804	355,015	11,211	3.2609
New Hope	21,853	21,853	332,676	340,747	8,071	2.4261
New Ulm	13,881	14,001	211,315	218,313	6,998	3.3116
North Branch	5,726	6,079	87,169	94,788	7,619	8.7405
North Mankato	11,566	11,683	176,073	182,170	6,097	3.4628
North St. Paul	12,764	12,780	194,311	199,275	4,964	2.5547
Northfield	15,859	16,051	241,427	250,279	8,852	3.6665
Oak Grove	6,254	6,436	95,207	100,355	5,148	5.4072
Oakdale	24,862	25,419	378,483	396,351	17,868	4.7210
Orono	7,577	7,671	115,347	119,612	4,265	3.6975
Otsego	6,391	6,448	97,292	100,542	3,250	3.3405
Owatonna	20,577	20,920	313,251	326,199	12,948	4.1334
Plymouth	60,344	61,620	918,637	960,822	42,185	4.5921
Prior Lake	13,522	14,319	205,850	223,272	17,422	8.4634
Ramsey	16,431	17,372	250,135	270,876	20,741	8.2919
Red Wing	15,770	15,792	240,072	246,240	6,168	2.5692
Redwood Falls	5,164	5,209	78,613	81,222	2,609	3.3188
Richfield	35,710	35,710	543,625	556,815	13,190	2.4263
Robbinsdale	14,396	14,396	219,155	224,473	5,318	2.4266
Rochester	77,219	78,291	1,175,531	1,220,768	45,237	3.8482
Rosemount	12,272	12,772	186,821	199,150	12,329	6.5994
Roseville	34,014	34,194	517,807	533,177	15,370	2.9683
St. Anthony	8,400	8,425	127,876	131,369	3,493	2.7316
St. Cloud	58,646	59,202	892,788	923,119	30,331	3.3973

Municipality	Population Used for 1998 Allocation	Population to be used for 1999 Allocation	1998 Allocation Using 1990 Census or 96 Estimate	1999 Allocation Using 1990 Census or 97 Estimate	Difference Between 98 & 99 Allocation	% Increase or (Decrease)
St. Louis Park	43,967	43,967	\$669,325	\$685,564	\$16,239	2.4262
St. Michael	6,875	7,262	104,660	113,234	8,574	8.1922
St. Paul	272,235	272,235	4,144,326	4,244,880	100,554	2.4263
St. Paul Park	5,024	5,024	76,482	78,338	1,856	2.4267
St. Peter	9,789	9,788	149,021	152,621	3,600	2.4158
Sartell	7,540	8,124	114,784	126,675	11,891	10.3595
Sauk Rapids	9,318	9,460	141,851	147,507	5,656	3.9873
Savage	15,152	16,002	230,664	249,514	18,850	8.1721
Shakopee	14,292	15,311	217,572	238,740	21,168	9.7292
Shoreview	26,118	26,378	397,603	411,304	13,701	3.4459
Shorewood	6,889	6,955	104,874	108,447	3,573	3.4069
South St. Paul	20,211	20,284	307,679	316,282	8,603	2.7961
Spring Lake Park	6,742	7,061	102,636	110,100	7,464	7.2723
Stewartville	5,032	5,111	76,604	79,694	3,090	4.0337
Stillwater	15,906	16,069	242,142	250,559	8,417	3.4761
Thief River Falls	8,285	8,333	126,125	129,934	3,809	3.0200
Vadnais Heights	12,895	13,069	196,305	203,781	7,476	3.8084
Virginia	9,431	9,431	143,571	147,055	3,484	2.4267
Waite Park	5,970	6,087	90,883	94,913	4,030	4.4343
Waseca	8,434	8,740	128,394	136,280	7,886	6.1420
West St. Paul	19,450	19,496	296,094	303,995	7,901	2.6684
White Bear Lake	26,017	26,152	396,066	407,780	11,714	2.9576
Willmar	18,658	18,831	284,037	293,626	9,589	3.3760
Winona	26,612	26,683	405,123	416,061	10,938	2.6999
Woodbury	33,426	35,720	508,855	556,972	48,117	9.4559
Worthington	10,411	10,461	158,491	163,116	4,625	2.9181
TOTAL	3,081,724	3,125,088	\$46,914,129	\$48,728,575	\$1,814,446	3.8676

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

1999 Apportionment $\frac{\$48,728,575}{3,125,088}$ Equals \$15.59270491 Per person

1998 Apportionment $\frac{\$46,914,129}{3,081,724}$ Equals \$15.22333895 Per person

1999 MSAS CONSTRUCTION APPORTIONMENT NEEDS

The 25-year construction (money) needs shown in this report are arrived from the "1998 Needs Study Update." Each city's total construction needs are computed from roadway 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. The adjusted construction needs are the result of subtracting for the Unencumbered Construction Fund Balance and adding or subtracting for Bond Accounts, adding Non-existing Bridge "After the Fact Needs", and adding Right-of-Way "After the Fact Needs".

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 1999 Construction Needs Apportionment. The adjustments are listed individually in the section labled as "Adjustments to the 25 Year Construction Needs".

1999 ADJUSTED CONSTRUCTION NEEDS APPORTIONMENT
Needs Value: \$1 in construction needs = approximately \$.02447 in apportionment

Municipality	1998 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	Total Affect Of Adjustments	1998 Adjusted Construction Needs	Construction Needs Apportion- ment Minus Turnback Maintenance	(+) TH Turnback Main- tenance Allowance	1999 Construction Needs Apportion- ment	% Of Total Dist.
Albert Lea	\$12,221,563	(\$1,645,538)	--	--	\$6,827	(\$1,638,711)	\$10,582,852	\$258,935	--	\$258,935	0.5314
Alexandria	8,053,165	(190,053)	--	--	--	(190,053)	7,863,112	192,390	--	192,390	0.3948
Andover	16,775,098	(105,592)	\$50,000	--	150,801	95,209	16,870,307	412,773	--	412,773	0.8471
Anoka	5,911,349	--	--	--	192,181	192,181	6,103,530	149,338	--	149,338	0.3065
Apple Valley	18,165,646	(763,970)	790,554	--	--	26,584	18,192,230	445,117	--	445,117	0.9135
Arden Hills	4,783,080	(28,268)	--	--	--	(28,268)	4,754,812	116,338	--	116,338	0.2387
Austin	23,243,270	(1,389,798)	--	--	--	(1,389,798)	21,853,472	534,698	--	534,698	1.0973
Baxter	9,363,100	--	--	--	--	0	9,363,100	229,091	--	229,091	0.4701
Bemidji	8,509,897	(1,133,860)	--	--	220,201	(913,659)	7,596,238	185,860	--	185,860	0.3814
Blaine	20,560,889	(969,363)	--	--	486,514	(482,849)	20,078,040	491,258	--	491,258	1.0082
Bloomington	61,085,343	(352,316)	--	\$2,745,123	9,938,660	12,331,467	73,416,810	1,796,319	--	1,796,319	3.6864
Brainerd	7,283,823	(1,097,418)	--	--	567,219	(530,199)	6,753,624	165,244	--	165,244	0.3391
Brooklyn Center	11,448,063	(28,627)	2,125,000	--	2,523,341	4,619,714	16,067,777	393,137	--	393,137	0.8068
Brooklyn Park	22,306,973	(458)	--	--	379,375	378,917	22,685,890	555,065	\$21,168	576,233	1.1825
Buffalo	8,746,128	--	--	--	--	0	8,746,128	213,995	--	213,995	0.4392
Burnsville	23,883,077	--	--	412,627	1,334,446	1,747,073	25,630,150	627,103	--	627,103	1.2869
Cambridge	4,845,476	(122,180)	566,142	--	--	443,962	5,289,438	129,419	15,480	144,899	0.2974
Champlin	7,885,005	(976,282)	--	--	123,432	(852,850)	7,032,155	172,059	--	172,059	0.3531
Chanhassen	11,217,659	(538,342)	--	--	65,000	(473,342)	10,744,317	262,886	4,320	267,206	0.5484
Chaska	9,634,152	(120,873)	--	408,699	92,467	380,293	10,014,445	245,028	--	245,028	0.5028
Chisholm	4,508,951	(254,937)	--	--	--	(254,937)	4,254,014	104,085	1,944	106,029	0.2176
Cloquet	12,675,606	(145,518)	510,000	--	--	364,482	13,040,088	319,057	4,752	323,809	0.6645
Columbia Heights	8,700,798	(1,269,131)	--	--	136,330	(1,132,801)	7,567,997	185,169	--	185,169	0.3800
Coon Rapids	20,661,423	(766,293)	--	1,050,431	1,060,488	1,344,626	22,006,049	538,431	--	538,431	1.1050
Corcoran	5,814,396	--	--	--	25,058	25,058	5,839,454	142,876	--	142,876	0.2932
Cottage Grove	18,973,936	--	--	51,603	458,865	510,468	19,484,404	476,733	--	476,733	0.9783
Crookston	14,840,505	(153,216)	--	--	1,050,364	897,148	15,737,653	385,060	--	385,060	0.7902
Crystal	11,720,880	--	--	--	3,682,636	3,682,636	15,403,516	376,884	--	376,884	0.7734
Dayton	6,926,143	--	--	--	--	0	6,926,143	169,465	--	169,465	0.3478
Detroit Lakes	6,458,851	--	--	--	--	0	6,458,851	158,031	--	158,031	0.3243

Municipality	1998 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	Total Affect Of Adjustments	1998 Adjusted Construction Needs	Construction Needs Apportion- ment Minus Turnback Maintenance	(+) TH Turnback Main- tenance Allowance	1999 Construction Needs Apportion- ment	% Of Total Dist.
Duluth	\$72,895,025	--	--	\$1,054,200	\$310,135	\$1,364,335	\$74,259,360	\$1,816,934	\$118,080	\$1,935,014	3.9710
Eagan	21,730,648	--	\$1,970,000	--	392,508	2,362,508	24,093,156	589,497	--	589,497	1.2098
East Bethel	9,228,119	(\$850,212)	--	--	17,200	(833,012)	8,395,107	205,407	--	205,407	0.4215
East Grand Forks	6,741,946	(551,608)	--	--	121,700	(429,908)	6,312,038	154,439	--	154,439	0.3169
Eden Prairie	25,904,035	--	362,697	1,486,202	--	1,848,899	27,752,934	679,042	--	679,042	1.3935
Edina	22,860,313	(4,202,433)	--	1,107,123	305,393	(2,789,917)	20,070,396	491,071	--	491,071	1.0078
Elk River	17,424,814	--	360,000	--	238,839	598,839	18,023,653	440,992	--	440,992	0.9050
Fairmont	18,732,261	--	--	--	73,163	73,163	18,805,424	460,120	--	460,120	0.9443
Falcon Heights	970,801	(336,196)	(27,988)	--	--	(364,184)	606,617	14,842	--	14,842	0.0305
Faribault	16,478,974	(148,566)	--	--	2,346	(146,220)	16,332,754	399,620	--	399,620	0.8201
Farmington	11,888,120	(56,455)	--	--	83,865	27,410	11,915,530	291,542	--	291,542	0.5983
Fergus Falls	11,933,635	(275,660)	--	--	85,349	(190,311)	11,743,324	287,329	37,944	325,273	0.6675
Forest Lake	3,992,829	--	--	--	64,783	64,783	4,057,612	99,279	--	99,279	0.2037
Fridley	8,429,997	(108,602)	--	--	95,081	(13,521)	8,416,476	205,929	--	205,929	0.4226
Glencoe	5,914,693	--	--	--	--	0	5,914,693	144,717	--	144,717	0.2970
Golden Valley	14,322,804	(539,267)	--	--	419,693	(119,574)	14,203,230	347,516	--	347,516	0.7132
Grand Rapids	8,250,714	--	--	--	--	0	8,250,714	201,874	--	201,874	0.4143
Ham Lake	9,121,260	(28,219)	335,000	--	131,576	438,357	9,559,617	233,899	--	233,899	0.4800
Hastings	6,236,615	--	--	--	--	0	6,236,615	152,594	--	152,594	0.3132
Hermantown	5,430,426	--	--	--	129,858	129,858	5,560,284	136,046	--	136,046	0.2792
Hibbing	27,270,216	(1,174,728)	--	--	191,360	(983,368)	26,286,848	643,171	--	643,171	1.3199
Hopkins	8,056,491	(404,491)	--	--	1,000	(403,491)	7,653,000	187,249	--	187,249	0.3843
Hugo	8,623,482	--	--	--	121,190	121,190	8,744,672	213,959	--	213,959	0.4391
Hutchinson	9,871,644	(218,116)	--	829,686	341,250	952,820	10,824,464	264,847	--	264,847	0.5435
International Falls	5,325,736	(556,629)	--	--	--	(556,629)	4,769,107	116,688	--	116,688	0.2395
Inver Grove Heights	15,301,972	(1,127,105)	--	--	1,127,132	27	15,301,999	374,400	--	374,400	0.7683
Lake Elmo	4,276,399	--	--	--	106,951	106,951	4,383,350	107,249	--	107,249	0.2201
Lakeville	28,823,235	--	--	959,382	712,328	1,671,710	30,494,945	746,132	--	746,132	1.5312
Lino Lakes	13,462,789	(258,496)	--	--	64,950	(193,546)	13,269,243	324,664	2,016	326,680	0.6704
Litchfield	5,254,395	(142,729)	--	--	--	(142,729)	5,111,666	125,069	--	125,069	0.2567
Little Canada	6,440,679	(168,403)	100,000	--	--	(68,403)	6,372,276	155,913	--	155,913	0.3200
Little Falls	9,438,815	--	--	--	407,923	407,923	9,846,738	240,924	--	240,924	0.4944
Mahtomedi	3,663,717	--	--	--	--	0	3,663,717	89,642	--	89,642	0.1840
Mankato	22,722,792	--	--	--	433,175	433,175	23,155,967	566,567	--	566,567	1.1627
Maple Grove	27,789,961	(192)	2,685,000	--	2,548,247	5,233,055	33,023,016	807,988	--	807,988	1.6581

Municipality	1998 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	Total Affect Of Adjustments	1998 Adjusted Construction Needs	Construction Needs Apportion- ment Minus Turnback Maintenance	(+) TH Turnback Main- tenance Allowance	1999 Construction Needs Apportion- ment	% Of Total Dist.
Maplewood	\$15,942,141	--	--	--	--	\$0	\$15,942,141	\$390,063	--	\$390,063	0.8005
Marshall	8,825,247	(\$950,365)	(\$74,504)	--	\$14,443	(1,010,426)	7,814,821	191,208	--	191,208	0.3924
Mendota Heights	6,656,357	(613,653)	--	--	8,970	(604,683)	6,051,674	148,069	--	148,069	0.3039
Minneapolis	211,736,176	(2,114,777)	--	\$3,196,054	8,212,678	9,293,955	221,030,131	5,408,035	--	5,408,035	11.0983
Minnetonka	25,256,902	--	--	--	1,131,866	1,131,866	26,388,768	645,665	--	645,665	1.3250
Montevideo	4,545,930	(103,705)	--	--	17,121	(86,584)	4,459,346	109,109	--	109,109	0.2239
Monticello	4,951,660	--	--	--	149,510	149,510	5,101,170	124,812	--	124,812	0.2561
Moorhead	25,053,239	(759,674)	--	1,149,085	402,684	792,095	25,845,334	632,368	--	632,368	1.2977
Morris	3,422,817	(258,416)	--	--	2,379	(256,037)	3,166,780	77,483	--	77,483	0.1590
Mound	4,127,003	(217,830)	--	--	1,409,966	1,192,136	5,319,139	130,146	--	130,146	0.2671
Mounds View	5,667,196	(554,876)	--	--	--	(554,876)	5,112,320	125,085	--	125,085	0.2567
New Brighton	7,800,383	--	--	--	--	0	7,800,383	190,855	--	190,855	0.3917
New Hope	11,318,697	--	--	--	183,000	183,000	11,501,697	281,417	--	281,417	0.5775
New Ulm	10,283,438	--	--	--	--	0	10,283,438	251,609	--	251,609	0.5163
North Branch	9,866,554	(60,976)	--	--	--	(60,976)	9,805,578	239,917	--	239,917	0.4924
North Mankato	9,201,805	--	--	--	395,146	395,146	9,596,951	234,813	--	234,813	0.4819
North St. Paul	5,582,979	--	--	--	78,068	78,068	5,661,047	138,511	--	138,511	0.2843
Northfield	8,901,593	(803,785)	--	--	8,850	(794,935)	8,106,658	198,349	--	198,349	0.4070
Oak Grove	7,354,462	--	--	--	54,551	54,551	7,409,013	181,279	--	181,279	0.3720
Oakdale	9,275,807	--	798,960	--	233,629	1,032,589	10,308,396	252,220	--	252,220	0.5176
Orono	10,144,172	(513,502)	--	--	30,164	(483,338)	9,660,834	236,376	--	236,376	0.4851
Otsego	9,397,180	(993,913)	--	--	8,900	(985,013)	8,412,167	205,824	--	205,824	0.4224
Owatonna	12,765,806	--	--	--	--	0	12,765,806	312,346	--	312,346	0.6410
Plymouth	29,133,370	--	--	1,124,050	200,901	1,324,951	30,458,321	745,236	--	745,236	1.5294
Prior Lake	8,974,015	(313,295)	--	--	281,025	(32,270)	8,941,745	218,781	--	218,781	0.4490
Ramsey	14,553,547	(1,008,450)	--	357,631	153,271	(497,548)	14,055,999	343,914	--	343,914	0.7058
Red Wing	16,172,608	--	--	1,169,742	72,851	1,242,593	17,415,201	426,105	--	426,105	0.8744
Redwood Falls	5,658,851	(208,630)	(190,000)	--	--	(398,630)	5,260,221	128,704	--	128,704	0.2641
Richfield	16,254,601	(2,287,265)	--	--	2,460,758	173,493	16,428,094	401,953	--	401,953	0.8249
Robbinsdale	5,251,620	(166,389)	--	--	--	(166,389)	5,085,231	124,422	--	124,422	0.2553
Rochester	43,588,938	(969,847)	--	--	3,631,013	2,661,166	46,250,104	1,131,620	--	1,131,620	2.3223
Rosemount	14,423,400	(89,713)	(185,000)	--	--	(274,713)	14,148,687	346,182	--	346,182	0.7104
Roseville	14,300,886	--	920,000	3,321,363	1,638,810	5,880,173	20,181,059	493,778	--	493,778	1.0133
St. Anthony	4,390,293	(134,314)	--	--	--	(134,314)	4,255,979	104,133	--	104,133	0.2137
St. Cloud	32,864,363	--	910,000	--	1,489,274	2,399,274	35,263,637	862,810	\$8,784	871,594	1.7887

		(-)	(+ or -)	(+)	(+)				Construction Needs	(+)	1999	
Municipality	1998 Actual 25-Year Construction Needs	Unencumbered Construction Fund Balance Adjustment	Bond Account Adjustment	Non-Existing Bridge Adjustment	R/W Acquisition Adjustment	Total Affect Of Adjustments	1998 Adjusted Construction Needs	Construction Needs Apportionment Minus Turnback Maintenance	TH Turnback Maintenance Allowance	Construction Needs Apportionment	% Of Total Dist.	
St. Louis Park	23,458,575	--	--	--	\$351,001	\$351,001	\$23,809,576	\$582,559	--	\$582,559	1.1955	
St. Michael	8,420,280	(\$199,414)	--	--	--	(199,414)	8,220,866	201,143	--	201,143	0.4128	
St. Paul	168,369,037	--	--	--	5,351,250	5,351,250	173,720,287	4,250,486	--	4,250,486	8.7228	
St. Paul Park	4,075,899	(395,431)	--	--	--	(395,431)	3,680,468	90,052	--	90,052	0.1848	
St. Peter	8,965,635	(221,712)	--	--	26,182	(195,530)	8,770,105	214,582	--	214,582	0.4404	
Sartell	4,797,810	--	--	--	115,505	115,505	4,913,315	120,216	--	120,216	0.2467	
Sauk Rapids	5,365,662	--	--	--	37,569	37,569	5,403,231	132,203	--	132,203	0.2713	
Savage	13,244,006	(325,425)	\$1,295,826	--	--	970,401	14,214,407	347,790	--	347,790	0.7137	
Shakopee	10,269,518	(278,776)	--	--	--	(278,776)	9,990,742	244,448	--	244,448	0.5017	
Shoreview	7,223,363	--	--	--	15,732	15,732	7,239,095	177,122	--	177,122	0.3635	
Shorewood	5,756,732	(1,356,588)	--	--	--	(1,356,588)	4,400,144	107,660	--	107,660	0.2209	
South St. Paul	9,217,236	(1,949,517)	--	--	--	(1,949,517)	7,267,719	177,822	--	177,822	0.3649	
Spring Lake Park	1,730,228	--	--	--	132,644	132,644	1,862,872	45,580	--	45,580	0.0935	
Stewartville	2,696,551	(106,649)	--	--	--	(106,649)	2,589,902	63,368	--	63,368	0.1300	
Stillwater	7,705,678	(505,458)	--	--	19,061	(486,397)	7,219,281	176,637	--	176,637	0.3625	
Thief River Falls	12,713,577	(447,938)	--	--	70,642	(377,296)	12,336,281	301,837	--	301,837	0.6194	
Vadnais Heights	3,001,415	--	--	--	--	0	3,001,415	73,437	--	73,437	0.1507	
Virginia	6,982,051	--	--	--	--	0	6,982,051	170,833	\$16,920	187,753	0.3853	
Waite Park	5,683,567	--	--	--	28,764	28,764	5,712,331	139,766	--	139,766	0.2868	
Waseca	4,401,997	(98,509)	--	--	5,000	(93,509)	4,308,488	105,418	--	105,418	0.2163	
West St. Paul	5,765,563	(79,082)	--	--	--	(79,082)	5,686,481	139,133	--	139,133	0.2855	
White Bear Lake	9,903,168	--	--	--	279,823	279,823	10,182,991	249,151	--	249,151	0.5113	
Willmar	12,514,684	(1,233,415)	--	--	130,000	(1,103,415)	11,411,269	279,204	4,392	283,596	0.5820	
Winona	13,176,039	(655,581)	--	--	--	(655,581)	12,520,458	306,343	--	306,343	0.6287	
Woodbury	28,849,534	--	3,330,853	\$1,664,032	369,615	5,364,500	34,214,034	837,129	--	837,129	1.7179	
Worthington	7,862,018	(668,511)	--	--	26,842	(641,669)	7,220,349	176,664	--	176,664	0.3625	
STATE TOTAL	\$1,927,808,456	(\$44,845,521)	\$16,632,540	\$22,087,033	\$60,250,658	\$54,124,710	\$1,981,933,166	\$48,492,775	\$235,800	\$48,728,575	100.0000	

Construction Needs Apportionment = \$48,492,775 / \$1,981,933,166 = 0.024467412

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

COMPARISON OF 1998 TO 1999 CONSTRUCTION NEEDS APPORTIONMENT

Municipality	1998 Construction Needs Apportionment	1999 Construction Needs Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	\$269,120	\$258,935	(\$10,185)	(3.7846)
Alexandria	198,808	192,390	(6,418)	(3.2282)
Andover	404,241	412,773	8,532	2.1106
Anoka	153,594	149,338	(4,256)	(2.7709)
Apple Valley	447,119	445,117	(2,002)	(0.4478)
Arden Hills	105,142	116,338	11,196	10.6485
Austin	466,256	534,698	68,442	14.6791
Baxter	0	229,091	229,091	100.0000
Bemidji	207,162	185,860	(21,302)	(10.2828)
Blaine	448,743	491,258	42,515	9.4742
Bloomington	1,930,007	1,796,319	(133,688)	(6.9268)
Brainerd	159,972	165,244	5,272	3.2956
Brooklyn Center	403,948	393,137	(10,811)	(2.6763)
Brooklyn Park	528,129	576,233	48,104	9.1084
Buffalo	159,517	213,995	54,478	34.1518
Burnsville	640,179	627,103	(13,076)	(2.0426)
Cambridge	144,804	144,899	95	0.0656
Champlin	169,685	172,059	2,374	1.3991
Chanassen	290,729	267,206	(23,523)	(8.0910)
Chaska	225,660	245,028	19,368	8.5828
Chisholm	107,667	106,029	(1,638)	(1.5214)
Cloquet	309,257	323,809	14,552	4.7055
Columbia Heights	179,084	185,169	6,085	3.3978
Coon Rapids	406,655	538,431	131,776	32.4049
Corcoran	145,718	142,876	(2,842)	(1.9503)
Cottage Grove	468,536	476,733	8,197	1.7495
Crookston	331,541	385,060	53,519	16.1425
Crystal	402,882	376,884	(25,998)	(6.4530)
Dayton	164,356	169,465	5,109	3.1085
Detroit Lakes	95,170	158,031	62,861	66.0513
Duluth	1,901,047	1,935,014	33,967	1.7868
Eagan	564,320	589,497	25,177	4.4615
East Bethel	203,472	205,407	1,935	0.9510
East Grand Forks	129,571	154,439	24,868	19.1926
Eden Prairie	605,498	679,042	73,544	12.1460
Edina	522,135	491,071	(31,064)	(5.9494)
Elk River	395,011	440,992	45,981	11.6404
Fairmont	476,120	460,120	(16,000)	(3.3605)
Falcon Heights	12,748	14,842	2,094	16.4261
Faribault	382,393	399,620	17,227	4.5051

Municipality	1998 Construction Needs Apportionment	1999 Construction Needs Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Farmington	\$221,040	\$291,542	\$70,502	31.8956
Fergus Falls	319,000	325,273	6,273	1.9665
Forest Lake	99,637	99,279	(358)	(0.3593)
Fridley	190,587	205,929	15,342	8.0499
Glencoe	132,479	144,717	12,238	9.2377
Golden Valley	357,764	347,516	(10,248)	(2.8645)
Grand Rapids	175,860	201,874	26,014	14.7924
Ham Lake	216,466	233,899	17,433	8.0535
Hastings	148,560	152,594	4,034	2.7154
Hermantown	116,477	136,046	19,569	16.8007
Hibbing	633,453	643,171	9,718	1.5341
Hopkins	201,614	187,249	(14,365)	(7.1250)
Hugo	194,719	213,959	19,240	9.8809
Hutchinson	262,317	264,847	2,530	0.9645
International Falls	114,280	116,688	2,408	2.1071
Inver Grove Heights	304,590	374,400	69,810	22.9193
Lake Elmo	67,195	107,249	40,054	59.6086
Lakeville	742,153	746,132	3,979	0.5361
Lino Lakes	315,691	326,680	10,989	3.4809
Litchfield	137,322	125,069	(12,253)	(8.9228)
Little Canada	159,707	155,913	(3,794)	(2.3756)
Little Falls	231,618	240,924	9,306	4.0178
Mahtomedi	72,403	89,642	17,239	23.8098
Mankato	615,319	566,567	(48,752)	(7.9230)
Maple Grove	789,619	807,988	18,369	2.3263
Maplewood	332,921	390,063	57,142	17.1638
Marshall	216,572	191,208	(25,364)	(11.7116)
Mendota Heights	146,499	148,069	1,570	1.0717
Minneapolis	5,515,616	5,408,035	(107,581)	(1.9505)
Minnetonka	646,987	645,665	(1,322)	(0.2043)
Montevideo	100,627	109,109	8,482	8.4291
Monticello	78,615	124,812	46,197	58.7636
Moorhead	576,398	632,368	55,970	9.7103
Morris	62,842	77,483	14,641	23.2981
Mound	117,290	130,146	12,856	10.9609
Mounds View	120,883	125,085	4,202	3.4761
New Brighton	184,962	190,855	5,893	3.1861
New Hope	247,795	281,417	33,622	13.5685
New Ulm	231,092	251,609	20,517	8.8783
North Branch	259,918	239,917	(20,001)	(7.6951)

Municipality	1998	1999	Increase (Decrease) Amount	% Increase (Decrease)
	Construction Needs Apportionment	Construction Needs Apportionment		
North Mankato	\$213,912	\$234,813	\$20,901	9.7708
North St. Paul	140,787	138,511	(2,276)	(1.6166)
Northfield	198,536	198,349	(187)	(0.0942)
Oak Grove	194,366	181,279	(13,087)	(6.7332)
Oakdale	249,165	252,220	3,055	1.2261
Orono	228,974	236,376	7,402	3.2327
Otsego	210,711	205,824	(4,887)	(2.3193)
Owatonna	293,592	312,346	18,754	6.3878
Plymouth	697,474	745,236	47,762	6.8479
Prior Lake	222,071	218,781	(3,290)	(1.4815)
Ramsey	347,944	343,914	(4,030)	(1.1582)
Red Wing	434,756	426,105	(8,651)	(1.9899)
Redwood Falls	127,633	128,704	1,071	0.8391
Richfield	426,323	401,953	(24,370)	(5.7163)
Robbinsdale	142,358	124,422	(17,936)	(12.5992)
Rochester	1,118,562	1,131,620	13,058	1.1674
Rosemount	338,468	346,182	7,714	2.2791
Roseville	462,861	493,778	30,917	6.6795
St. Anthony	91,417	104,133	12,716	13.9099
St. Cloud	883,908	871,594	(12,314)	(1.3931)
St. Louis Park	474,355	582,559	108,204	22.8108
St. Michael	218,943	201,143	(17,800)	(8.1300)
St. Paul	3,836,240	4,250,486	414,246	10.7982
St. Paul Park	91,520	90,052	(1,468)	(1.6040)
St. Peter	187,511	214,582	27,071	14.4370
Sartell	96,172	120,216	24,044	25.0010
Sauk Rapids	134,706	132,203	(2,503)	(1.8581)
Savage	332,724	347,790	15,066	4.5281
Shakopee	251,968	244,448	(7,520)	(2.9845)
Shoreview	156,819	177,122	20,303	12.9468
Shorewood	107,987	107,660	(327)	(0.3028)
South St. Paul	168,609	177,822	9,213	5.4641
Spring Lake Park	43,883	45,580	1,697	3.8671
Stewartville	65,595	63,368	(2,227)	(3.3951)
Stillwater	148,758	176,637	27,879	18.7412
Thief River Falls	307,560	301,837	(5,723)	(1.8608)
Vadnais Heights	48,920	73,437	24,517	50.1165
Virginia	197,640	187,753	(9,887)	(5.0025)
Waite Park	108,644	139,766	31,122	28.6459
Waseca	82,416	105,418	23,002	27.9096
West St. Paul	156,693	139,133	(17,560)	(11.2066)
White Bear Lake	282,095	249,151	(32,944)	(11.6783)
Willmar	292,185	283,596	(8,589)	(2.9396)
Winona	301,743	306,343	4,600	1.5245
Woodbury	850,407	837,129	(13,278)	(1.5614)
Worthington	131,335	176,664	45,329	34.5140
TOTAL	\$46,914,129	\$48,728,575	\$1,814,446	3.8676

1999 M.S.A.S. TOTAL APPORTIONMENT

Municipalities	Population Apportion- ment	Construction Needs Apportion- ment	1999 Total Apportion- ment	Percentage of Total Distribution
Albert Lea	\$285,549	\$258,935	\$544,484	0.5587
Alexandria	132,772	192,390	325,162	0.3336
Andover	348,793	412,773	761,566	0.7814
Anoka	278,034	149,338	427,372	0.4385
Apple Valley	664,514	445,117	1,109,631	1.1386
Arden Hills	151,124	116,338	267,462	0.2744
Austin	343,289	534,698	877,987	0.9009
Baxter	78,291	229,091	307,382	0.3154
Bemidji	188,266	185,860	374,126	0.3839
Blaine	683,693	491,258	1,174,951	1.2056
Bloomington	1,362,335	1,796,319	3,158,654	3.2411
Brainerd	205,247	165,244	370,491	0.3802
Brooklyn Center	450,426	393,137	843,563	0.8656
Brooklyn Park	974,528	576,233	1,550,761	1.5912
Buffalo	145,386	213,995	359,381	0.3688
Burnsville	897,797	627,103	1,524,900	1.5647
Cambridge	83,218	144,899	228,117	0.2341
Champlin	316,641	172,059	488,700	0.5015
Chanhassen	263,782	267,206	530,988	0.5448
Chaska	231,037	245,028	476,065	0.4885
Chisholm	82,485	106,029	188,514	0.1934
Cloquet	174,326	323,809	498,135	0.5111
Columbia Heights	294,858	185,169	480,027	0.4926
Coon Rapids	955,209	538,431	1,493,640	1.5326
Corcoran	88,847	142,876	231,723	0.2378
Cottage Grove	469,247	476,733	945,980	0.9707
Crookston	126,597	385,060	511,657	0.5250
Crystal	370,919	376,884	747,803	0.7673
Dayton	79,866	169,465	249,331	0.2558
Detroit Lakes	114,076	158,031	272,107	0.2792
Duluth	1,333,067	1,935,014	3,268,081	3.3534
Eagan	920,297	589,497	1,509,794	1.5492
East Bethel	151,608	205,407	357,015	0.3663
East Grand Forks	141,083	154,439	295,522	0.3032
Eden Prairie	768,518	679,042	1,447,560	1.4853
Edina	734,619	491,071	1,225,690	1.2577
Elk River	228,698	440,992	669,690	0.6872
Fairmont	176,806	460,120	636,926	0.6535
Falcon Heights	84,029	14,842	98,871	0.1015
Faribault	296,511	399,620	696,131	0.7143

Municipalities	Population Apportion- ment	Construction Needs Apportion- ment	1999 Total Apportion- ment	Percentage of Total Distribution
Farmington	\$152,232	\$291,542	\$443,774	0.4554
Fergus Falls	206,089	325,273	531,362	0.5452
Forest Lake	104,331	99,279	203,610	0.2089
Fridley	443,129	205,929	649,058	0.6660
Glencoe	81,815	144,717	226,532	0.2324
Golden Valley	327,229	347,516	674,745	0.6924
Grand Rapids	131,509	201,874	333,383	0.3421
Ham Lake	180,361	233,899	414,260	0.4251
Hastings	269,255	152,594	421,849	0.4329
Hermantown	111,987	136,046	248,033	0.2545
Hibbing	281,386	643,171	924,557	0.9487
Hopkins	258,200	187,249	445,449	0.4571
Hugo	90,750	213,959	304,709	0.3127
Hutchinson	198,854	264,847	463,701	0.4758
International Falls	129,435	116,688	246,123	0.2525
Inver Grove Heights	435,302	374,400	809,702	0.8308
Lake Elmo	98,671	107,249	205,920	0.2113
Lakeville	581,655	746,132	1,327,787	1.3624
Lino Lakes	227,030	326,680	553,710	0.5682
Litchfield	97,891	125,069	222,960	0.2288
Little Canada	149,129	155,913	305,042	0.3130
Little Falls	119,596	240,924	360,520	0.3699
Mahtomedi	110,661	89,642	200,303	0.2055
Mankato	496,628	566,567	1,063,195	1.0909
Maple Grove	720,087	807,988	1,528,075	1.5679
Maplewood	542,174	390,063	932,237	0.9566
Marshall	195,564	191,208	386,772	0.3969
Mendota Heights	171,379	148,069	319,448	0.3278
Minneapolis	5,744,087	5,408,035	11,152,122	11.4431
Minnetonka	813,565	645,665	1,459,230	1.4973
Montevideo	86,009	109,109	195,118	0.2002
Monticello	105,235	124,812	230,047	0.2360
Moorhead	527,221	632,368	1,159,589	1.1898
Morris	89,487	77,483	166,970	0.1713
Mound	151,904	130,146	282,050	0.2894
Mounds View	200,429	125,085	325,514	0.3340
New Brighton	355,015	190,855	545,870	0.5601
New Hope	340,747	281,417	622,164	0.6384
New Ulm	218,313	251,609	469,922	0.4822
North Branch	94,788	239,917	334,705	0.3434

Municipalities	Population Apportion- ment	Construction Needs Apportion- ment	1999 Total Apportion- ment	Percentage of Total Distribution
North Mankato	\$182,170	\$234,813	\$416,983	0.4279
North St. Paul	199,275	138,511	337,786	0.3466
Northfield	250,279	198,349	448,628	0.4603
Oak Grove	100,355	181,279	281,634	0.2890
Oakdale	396,351	252,220	648,571	0.6655
Orono	119,612	236,376	355,988	0.3653
Otsego	100,542	205,824	306,366	0.3144
Owatonna	326,199	312,346	638,545	0.6552
Plymouth	960,822	745,236	1,706,058	1.7506
Prior Lake	223,272	218,781	442,053	0.4536
Ramsey	270,876	343,914	614,790	0.6308
Red Wing	246,240	426,105	672,345	0.6899
Redwood Falls	81,222	128,704	209,926	0.2154
Richfield	556,815	401,953	958,768	0.9838
Robbinsdale	224,473	124,422	348,895	0.3580
Rochester	1,220,768	1,131,620	2,352,388	2.4138
Rosemount	199,150	346,182	545,332	0.5596
Roseville	533,177	493,778	1,026,955	1.0538
St. Anthony	131,369	104,133	235,502	0.2416
St. Cloud	923,119	871,594	1,794,713	1.8415
St. Louis Park	685,564	582,559	1,268,123	1.3012
St. Michael	113,234	201,143	314,377	0.3226
St. Paul	4,244,880	4,250,486	8,495,366	8.7170
St. Paul Park	78,338	90,052	168,390	0.1728
St. Peter	152,621	214,582	367,203	0.3768
Sartell	126,675	120,216	246,891	0.2533
Sauk Rapids	147,507	132,203	279,710	0.2870
Savage	249,514	347,790	597,304	0.6129
Shakopee	238,740	244,448	483,188	0.4958
Shoreview	411,304	177,122	588,426	0.6038
Shorewood	108,447	107,660	216,107	0.2217
South St. Paul	316,282	177,822	494,104	0.5070
Spring Lake Park	110,100	45,580	155,680	0.1597
Stewartville	79,694	63,368	143,062	0.1468
Stillwater	250,559	176,637	427,196	0.4383
Thief River Falls	129,934	301,837	431,771	0.4430
Vadnais Heights	203,781	73,437	277,218	0.2845
Virginia	147,055	187,753	334,808	0.3435
Waite Park	94,913	139,766	234,679	0.2408
Waseca	136,280	105,418	241,698	0.2480
West St. Paul	303,995	139,133	443,128	0.4547
White Bear Lake	407,780	249,151	656,931	0.6741
Willmar	293,626	283,596	577,222	0.5923
Winona	416,061	306,343	722,404	0.7413
Woodbury	556,972	837,129	1,394,101	1.4305
Worthington	163,116	176,664	339,780	0.3486
TOTAL	\$48,728,575	\$48,728,575	\$97,457,150	100.0000

COMPARISON OF THE 1998 TO 1999 TOTAL APPORTIONMENT

Municipality	1998 Total Apportionment	1999 Total Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	\$547,890	\$544,484	(\$3,406)	(0.6217)
Alexandria	325,892	325,162	(730)	(0.2240)
Andover	731,467	761,566	30,099	4.1149
Anoka	422,941	427,372	4,431	1.0477
Apple Valley	1,080,075	1,109,631	29,556	2.7365
Arden Hills	252,473	267,462	14,989	5.9369
Austin	802,418	877,987	75,569	9.4177
Baxter	0	307,382	307,382	100.0000
Bemidji	382,367	374,126	(8,241)	(2.1553)
Blaine	1,103,788	1,174,951	71,163	6.4472
Bloomington	3,258,883	3,158,654	(100,229)	(3.0756)
Brainerd	351,649	370,491	18,842	5.3582
Brooklyn Center	843,705	843,563	(142)	(0.0168)
Brooklyn Park	1,461,274	1,550,761	89,487	6.1239
Buffalo	298,263	359,381	61,118	20.4913
Burnsville	1,507,179	1,524,900	17,721	1.1758
Cambridge	226,340	228,117	1,777	0.7851
Champlin	471,686	488,700	17,014	3.6071
Chanhassen	537,332	530,988	(6,344)	(1.1806)
Chaska	444,419	476,065	31,646	7.1208
Chisholm	188,198	188,514	316	0.1679
Cloquet	479,210	498,135	18,925	3.9492
Columbia Heights	466,957	480,027	13,070	2.7990
Coon Rapids	1,330,757	1,493,640	162,883	12.2399
Corcoran	231,197	231,723	526	0.2275
Cottage Grove	910,485	945,980	35,495	3.8985
Crookston	455,642	511,657	56,015	12.2936
Crystal	765,015	747,803	(17,212)	(2.2499)
Dayton	241,356	249,331	7,975	3.3042
Detroit Lakes	206,666	272,107	65,441	31.6651
Duluth	3,202,810	3,268,081	65,271	2.0379
Eagan	1,443,574	1,509,794	66,220	4.5872
East Bethel	343,100	357,015	13,915	4.0557
East Grand Forks	266,627	295,522	28,895	10.8372
Eden Prairie	1,333,783	1,447,560	113,777	8.5304
Edina	1,238,073	1,225,690	(12,383)	(1.0002)
Elk River	608,427	669,690	61,263	10.0691
Fairmont	648,707	636,926	(11,781)	(1.8161)
Falcon Heights	94,710	98,871	4,161	4.3934
Faribault	669,170	696,131	26,961	4.0290

Municipality	1998 Total Apportionment	1999 Total Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Farmington	\$354,549	\$443,774	\$89,225	25.1658
Fergus Falls	518,106	531,362	13,256	2.5585
Forest Lake	200,735	203,610	2,875	1.4322
Fridley	621,940	649,058	27,118	4.3602
Glencoe	211,579	226,532	14,953	7.0673
Golden Valley	677,013	674,745	(2,268)	(0.3350)
Grand Rapids	303,218	333,383	30,165	9.9483
Ham Lake	384,379	414,260	29,881	7.7738
Hastings	406,139	421,849	15,710	3.8681
Hermantown	225,065	248,033	22,968	10.2051
Hibbing	908,173	924,557	16,384	1.8041
Hopkins	455,311	445,449	(9,862)	(2.1660)
Hugo	280,350	304,709	24,359	8.6888
Hutchinson	453,933	463,701	9,768	2.1519
International Falls	240,649	246,123	5,474	2.2747
Inver Grove Heights	715,331	809,702	94,371	13.1926
Lake Elmo	161,458	205,920	44,462	27.5378
Lakeville	1,290,224	1,327,787	37,563	2.9114
Lino Lakes	525,103	553,710	28,607	5.4479
Litchfield	230,763	222,960	(7,803)	(3.3814)
Little Canada	303,857	305,042	1,185	0.3900
Little Falls	348,031	360,520	12,489	3.5885
Mahtomedi	176,911	200,303	23,392	13.2225
Mankato	1,102,466	1,063,195	(39,271)	(3.5621)
Maple Grove	1,474,608	1,528,075	53,467	3.6258
Maplewood	850,636	932,237	81,601	9.5929
Marshall	404,550	386,772	(17,778)	(4.3945)
Mendota Heights	311,764	319,448	7,684	2.4647
Minneapolis	11,123,635	11,152,122	28,487	0.2561
Minnnetonka	1,432,618	1,459,230	26,612	1.8576
Montevideo	184,721	195,118	10,397	5.6285
Monticello	175,040	230,047	55,007	31.4254
Moorhead	1,090,947	1,159,589	68,642	6.2920
Morris	149,052	166,970	17,918	12.0213
Mound	264,880	282,050	17,170	6.4822
Mounds View	315,574	325,514	9,940	3.1498
New Brighton	528,766	545,870	17,104	3.2347
New Hope	580,471	622,164	41,693	7.1826
New Ulm	442,407	469,922	27,515	6.2194
North Branch	347,087	334,705	(12,382)	(3.5674)
North Mankato	389,985	416,983	26,998	6.9228
North St. Paul	335,098	337,786	2,688	0.8022
Northfield	439,963	448,628	8,665	1.9695
Oak Grove	289,573	281,634	(7,939)	(2.7416)
Oakdale	627,648	648,571	20,923	3.3336

Municipality	1998 Total Apportionment	1999 Total Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Orono	\$344,321	\$355,988	\$11,667	3.3884
Otsego	308,003	306,366	(1,637)	(0.5315)
Owatonna	606,843	638,545	31,702	5.2241
Plymouth	1,616,111	1,706,058	89,947	5.5656
Prior Lake	427,921	442,053	14,132	3.3025
Ramsey	598,079	614,790	16,711	2.7941
Red Wing	674,828	672,345	(2,483)	(0.3679)
Redwood Falls	206,246	209,926	3,680	1.7843
Richfield	969,948	958,768	(11,180)	(1.1526)
Robbinsdale	361,513	348,895	(12,618)	(3.4903)
Rochester	2,294,093	2,352,388	58,295	2.5411
Rosemount	525,289	545,332	20,043	3.8156
Roseville	980,668	1,026,955	46,287	4.7199
St. Anthony	219,293	235,502	16,209	7.3915
St. Cloud	1,776,696	1,794,713	18,017	1.0141
St. Louis Park	1,143,680	1,268,123	124,443	10.8809
St. Michael	323,603	314,377	(9,226)	(2.8510)
St. Paul	7,980,566	8,495,366	514,800	6.4507
St. Paul Park	168,002	168,390	388	0.2309
St. Peter	336,532	367,203	30,671	9.1138
Sartell	210,956	246,891	35,935	17.0344
Sauk Rapids	276,557	279,710	3,153	1.1401
Savage	563,388	597,304	33,916	6.0200
Shakopee	469,540	483,188	13,648	2.9067
Shoreview	554,422	588,426	34,004	6.1332
Shorewood	212,861	216,107	3,246	1.5249
South St. Paul	476,288	494,104	17,816	3.7406
Spring Lake Park	146,519	155,680	9,161	6.2524
Stewartville	142,199	143,062	863	0.6069
Stillwater	390,900	427,196	36,296	9.2852
Thief River Falls	433,685	431,771	(1,914)	(0.4413)
Vadnais Heights	245,225	277,218	31,993	13.0464
Virginia	341,211	334,808	(6,403)	(1.8766)
Waite Park	199,527	234,679	35,152	17.6177
Waseca	210,810	241,698	30,888	14.6521
West St. Paul	452,787	443,128	(9,659)	(2.1332)
White Bear Lake	678,161	656,931	(21,230)	(3.1305)
Willmar	576,222	577,222	1,000	0.1735
Winona	706,866	722,404	15,538	2.1982
Woodbury	1,359,262	1,394,101	34,839	2.5631
Worthington	289,826	339,780	49,954	17.2359
TOTAL	\$93,828,258	\$97,457,150	\$3,628,892	3.8676

1999 CONSTRUCTION AND MAINTENANCE ALLOTMENTS

Upon determining that \$97,457,150 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 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 1999 are included in the construction allotments.

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	\$544,484			\$136,121	\$136,121 *	\$408,363
Alexandria	325,162			81,291	81,291 *	243,871
Andover	761,566			228,470	228,470 ***	533,096
Anoka	427,372			106,843	106,843 *	320,529
Apple Valley	1,109,631		\$88,570	38,925	127,495 ###	982,136
Arden Hills	267,462			66,866	66,866 *	200,596
Austin	877,987			41,265	41,265	836,722
Baxter	307,382			16,770	16,770	290,612
Bemidji	374,126			93,532	93,532 *	280,594
Blaine	1,174,951			293,738	293,738 *	881,213
Bloomington	3,158,654			1,105,529	1,105,529 **	2,053,125
Brainerd	370,491			92,623	92,623 *	277,868
Brooklyn Center	843,563		117,560	90,000	207,560 #	636,003
Brooklyn Park	1,550,761	\$21,168		382,398	403,566 *	1,147,195
Buffalo	359,381			12,330	12,330	347,051
Burnsville	1,524,900			381,225	381,225 *	1,143,675
Cambridge	228,117	15,480	32,135	25,000	72,615 #	155,502
Champlin	488,700			122,175	122,175 *	366,525
Chanhassen	530,988	4,320		25,575	29,895	501,093
Chaska	476,065			119,016	119,016 *	357,049

MUNICIPALITY	TOTAL APPORTIONMENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION	CONSTRUCTION ALLOCATION
Chisholm	\$188,514	\$1,944		\$46,643	\$48,587 *	\$139,927
Cloquet	498,135	4,752	\$18,488	154,196	177,436 **	320,699
Columbia Heights	480,027			120,007	120,007 *	360,020
Coon Rapids	1,493,640			59,205	59,205	1,434,435
Corcoran	231,723			81,103	81,103 **	150,620
Cottage Grove	945,980			40,275	40,275	905,705
Crookston	511,657			50,000	50,000 #	461,657
Crystal	747,803			186,951	186,951 *	560,852
Dayton	249,331			62,333	62,333 *	186,998
Detroit Lakes	272,107			18,615	18,615	253,492
Duluth	3,268,081	118,080		945,000	1,063,080 ***	2,205,001
Eagan	1,509,794		18,088	64,410	82,498 ###	1,427,296
East Bethel	357,015			89,254	89,254 *	267,761
East Grand Forks	295,522			73,881	73,881 *	221,641
Eden Prairie	1,447,560		13,668	59,595	73,263 ###	1,374,297
Edina	1,225,690			306,423	306,423 *	919,267
Elk River	669,690		4,718	29,715	34,433 ###	635,257
Fairmont	636,926			27,870	27,870	609,056
Falcon Heights	98,871			34,605	34,605 **	64,266
Faribault	696,131			174,033	174,033 *	522,098
Farmington	443,774			110,944	110,944 *	332,830
Fergus Falls	531,362	37,944		123,355	161,299 *	370,063
Forest Lake	203,610			50,903	50,903 *	152,707
Fridley	649,058			194,717	194,717 ***	454,341
Glencoe	226,532		67,563	9,255	76,818 ###	149,714
Golden Valley	674,745			168,686	168,686 *	506,059
Grand Rapids	333,383			83,346	83,346 *	250,037
Ham Lake	414,260		13,120	32,505	45,625 ###	368,635
Hastings	421,849			105,462	105,462 *	316,387
Hermantown	248,033			40,000	40,000 #	208,033

MUNICIPALITY	TOTAL APPORTION- MENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION	CONSTRUCTION ALLOCATION
Hibbing	\$924,557			\$231,139	\$231,139 *	\$693,418
Hopkins	445,449			13,860	13,860	431,589
Hugo	304,709			76,177	76,177 *	228,532
Hutchinson	463,701			21,495	21,495	442,206
International Falls	246,123			12,090	12,090	234,033
Inver Grove Heights	809,702			202,426	202,426 *	607,276
Lake Elmo	205,920			16,095	16,095	189,825
Lakeville	1,327,787			61,350	61,350	1,266,437
Lino Lakes	553,710	\$2,016		137,924	139,940 *	413,770
Litchfield	222,960			55,740	55,740 *	167,220
Little Canada	305,042		\$2,400	76,261	78,661 ##	226,381
Little Falls	360,520			20,985	20,985	339,535
Mahtomedi	200,303			12,240	12,240	188,063
Mankato	1,063,195			265,799	265,799 *	797,396
Maple Grove	1,528,075		115,185	266,834	382,019 ####	1,146,056
Maplewood	932,237			279,671	279,671 ***	652,566
Marshall	386,772			20,580	20,580	366,192
Mendota Heights	319,448			79,862	79,862 *	239,586
Minneapolis	11,152,122			3,903,243	3,903,243 **	7,248,879
Minnetonka	1,459,230			69,780	69,780	1,389,450
Montevideo	195,118			12,870	12,870	182,248
Monticello	230,047			57,512	57,512 *	172,535
Moorhead	1,159,589			289,897	289,897 *	869,692
Morris	166,970			41,743	41,743 *	125,227
Mound	282,050			70,513	70,513 *	211,537
Mounds View	325,514			81,379	81,379 *	244,135
New Brighton	545,870			136,468	136,468 *	409,402
New Hope	622,164			217,757	217,757 **	404,407
New Ulm	469,922			21,240	21,240	448,682
North Branch	334,705			83,676	83,676 *	251,029

MUNICIPALITY	TOTAL APPORTIONMENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION	CONSTRUCTION ALLOCATION
North Mankato	\$416,983		\$96,678	\$31,274	\$127,952 #	\$289,031
North St. Paul	337,786			84,447	84,447 *	253,339
Northfield	448,628			112,157	112,157 *	336,471
Oak Grove	281,634			23,835	23,835	257,799
Oakdale	648,571		28,217	133,926	162,143 #####	486,428
Orono	355,988			88,997	88,997 *	266,991
Otsego	306,366			76,592	76,592 *	229,774
Owatonna	638,545			26,265	26,265	612,280
Plymouth	1,706,058			65,475	65,475	1,640,583
Prior Lake	442,053			110,513	110,513 *	331,540
Ramsey	614,790			85,000	85,000 #	529,790
Red Wing	672,345			235,321	235,321 **	437,024
Redwood Falls	209,926			52,482	52,482 *	157,444
Richfield	958,768			239,692	239,692 *	719,076
Robbinsdale	348,895			15,090	15,090	333,805
Rochester	2,352,388			250,000	250,000 #	2,102,388
Rosemount	545,332		22,090	27,900	49,990 ###	495,342
Roseville ****	1,026,955			256,739	256,739 *	770,216
St. Anthony	235,502			58,876	58,876 *	176,626
St. Cloud	1,794,713	\$8,784	28,986	71,925	109,695 ###	1,685,018
St. Louis Park	1,268,123			443,843	443,843 **	824,280
St Michael	314,377			78,594	78,594 *	235,783
St. Paul	8,495,366			2,633,563	2,633,563 ***	5,861,803
St. Paul Park	168,390			42,098	42,098 *	126,292
St. Peter	367,203			17,550	17,550	349,653
Sartell	246,891			7,440	7,440	239,451
Sauk Rapids	279,710			15,255	15,255	264,455
Savage	597,304		78,825	14,310	93,135 ###	504,169
Shakopee	483,188			120,797	120,797 *	362,391
Shoreview	588,426			20,745	20,745	567,681

MUNICIPALITY	TOTAL APPORTION- MENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION	CONSTRUCTION ALLOCATION
Shorewood	\$216,107			\$54,027	\$54,027 *	\$162,080
South St. Paul	494,104			123,526	123,526 *	370,578
Spring Lake Park	155,680			38,920	38,920 *	116,760
Stewartville	143,062			35,766	35,766 *	107,296
Stillwater	427,196			106,799	106,799 *	320,397
Thief River Falls	431,771			107,943	107,943 *	323,828
Vadnais Heights	277,218			9,735	9,735	267,483
Virginia	334,808	\$16,920		79,472	96,392 *	238,416
Waite Park	234,679			9,675	9,675	225,004
Waseca	241,698			60,425	60,425 *	181,273
West St. Paul	443,128			85,000	85,000 #	358,128
White Bear Lake	656,931			164,233	164,233 *	492,698
Willmar	577,222	4,392		143,208	147,600 *	429,622
Winona	722,404			180,601	180,601 *	541,803
Woodbury	1,394,101		\$146,781	348,525	495,306 ##	898,795
Worthington	339,780			14,715	14,715	325,065
TOTAL	\$97,457,150	\$235,800	\$893,072	\$20,733,035	\$21,861,907	\$75,595,243

* 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.

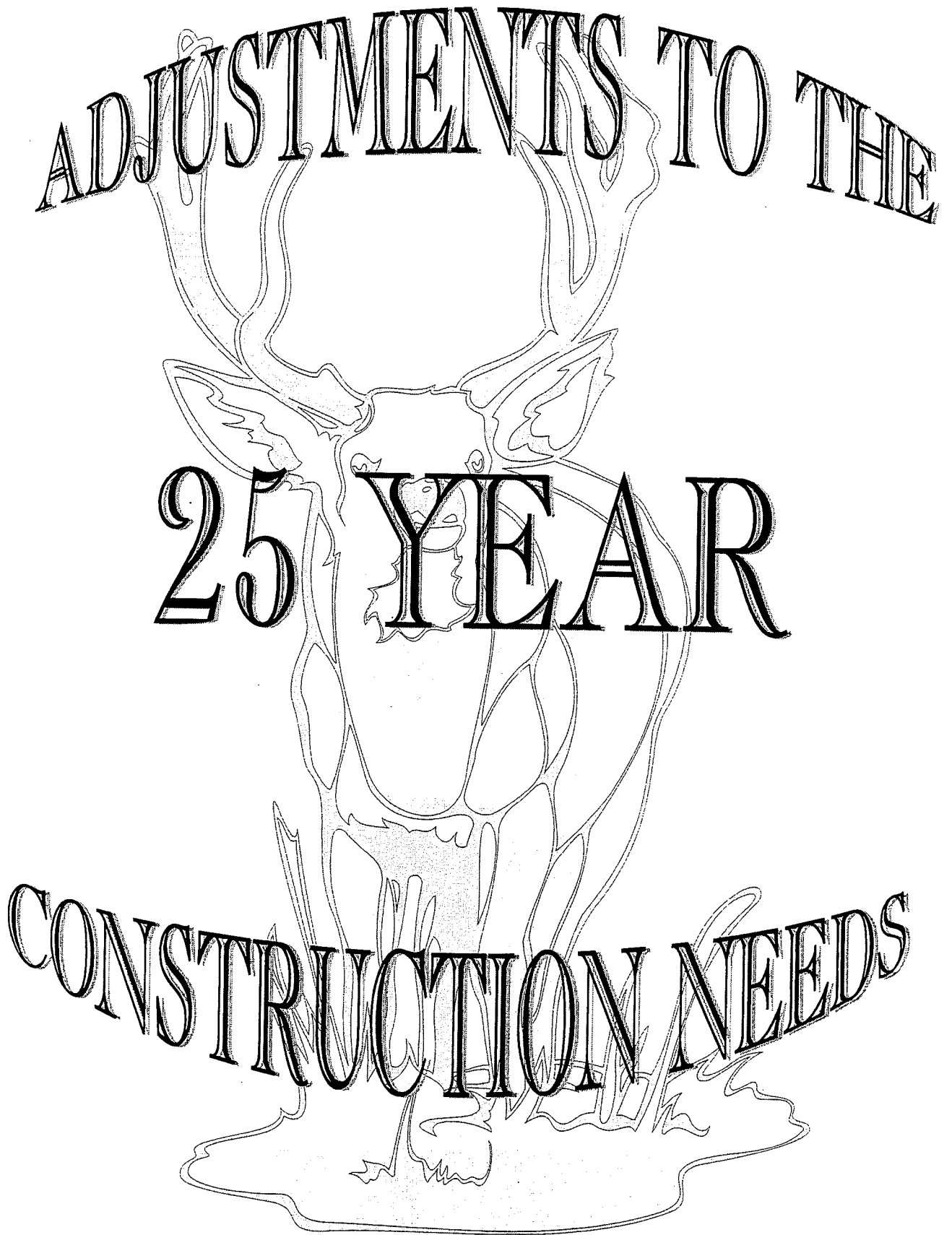
Maximum amount of 25% including bond interest.

1998 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
Albert Lea	18.74	Duluth*	88.56
Alexandria	14.12	Eagan	42.94
Andover	24.27	East Bethel	21.96
Anoka	11.98	East Grand Forks	11.98
Apple Valley	25.95	Eden Prairie	39.73
Arden Hills	6.41	Edina	39.36
Austin	27.51	Elk River	19.81
Baxter	11.18	Fairmont	18.58
Bemidji	14.40	Falcon Heights	2.54
Blaine	22.82	Faribault	22.06
Bloomington	74.27	Farmington	9.63
Brainerd	14.09	Fergus Falls*	16.75
Brooklyn Center	21.65	Forest Lake	5.12
Brooklyn Park*	32.41	Fridley	25.22
Buffalo	8.22	Glencoe	6.17
Burnsville	43.24	Golden Valley	23.01
Cambridge*	6.82	Grand Rapids	11.14
Champlin	14.30	Ham Lake	21.67
Chanhassen*	17.05	Hastings	15.91
Chaska	14.44	Hermantown	12.99
Chisholm*	7.72	Hibbing	49.28
Cloquet*	19.34	Hopkins	9.24
Columbia Heights	12.53	Hugo	13.25
Coon Rapids	39.47	Hutchinson	14.33
Corcoran	14.72	International Falls	8.06
Cottage Grove	26.85	Inver Grove Heights	21.52
Crookston	11.46	Lake Elmo	10.73
Crystal	17.78	Lakeville	40.90
Dayton	8.65	Lino Lakes*	10.10
Detroit Lakes	12.41	Litchfield	8.09

MUNICIPALITY	IMPROVED MILEAGE	MUNICIPALITY	IMPROVED MILEAGE
Little Canada	8.01	Rochester	56.75
Little Falls	13.99	Rosemount	18.60
Mahtomedi	8.16	Roseville	26.81
Mankato	28.25	St. Anthony	5.63
Maple Grove	32.77	St. Cloud *	47.95
Maplewood	23.35	St. Louis Park	26.92
Marshall	13.72	St. Michael	10.00
Mendota Heights	12.87	St. Paul	160.69
Minneapolis	192.01	St. Paul Park	5.30
Minnetonka	46.52	St. Peter	11.70
Montevideo	8.58	Sartell	4.96
Monticello	6.14	Sauk Rapids	10.17
Moorhead	27.50	Savage	9.54
Morris	7.74	Shakopee	16.71
Mound	7.59	Shoreview	13.83
Mounds View	9.82	Shorewood	8.24
New Brighton	12.56	South St. Paul	15.57
New Hope	12.64	Spring Lake Park	5.25
New Ulm	14.16	Stewartville	3.54
North Branch	20.10	Stillwater	13.79
North Mankato	12.56	Thief River Falls	13.62
North St. Paul	10.00	Vadnais Heights	6.49
Northfield	10.91	Virginia *	9.70
Oak Grove	15.89	Waite Park	6.45
Oakdale	16.07	Waseca	6.42
Orono	12.58	West St. Paul	13.10
Otsego	9.52	White Bear Lake	18.72
Owatonna	17.51	Willmar *	23.29
Plymouth	43.65	Winona	21.38
Prior Lake	10.00	Woodbury	32.24
Ramsey	18.91	Worthington	9.81
Red Wing	19.63		
Redwood Falls	6.61		
Richfield	25.40		
Robbinsdale	10.06		
		TOTAL	2614.38



ADJUSTMENTS TO THE
25 YEAR
CONSTRUCTION NEEDS

NOTES

UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

The city's December 31, 1998 unencumbered fund balance is deducted from their total needs.

See the Screening Board Resolution and the 1999 Needs Construction Apportionment spreadsheet .

The total Municipal State Aid expenditures for 1998 is \$90,528,894. The expenditures include the difference of \$4,265,025 between the 1997 and 1998 year end balance plus the 1998 construction allotment of \$72,548,560 plus the 1998 General Fund Advances of \$13,715,309.

The total fund balance decreased by \$4,265,025 between December 31, 1997 and December 31, 1998.

The State Aid General Fund Advances of \$14,444,526 are to be deducted from future allocations. \$729,217 of the total advances are from previous years advances.

Municipalities	Unencumbered Amount Available 12-31-97	Unencumbered Amount Available 12-31-98	Difference Between 1997 and 1998	Percentage of Total Amount in 1998 Account	Ratio to City's 1998 Construction Allotment
Albert Lea	\$1,255,793	\$1,645,538	\$389,745	3.6693	4.1781
Alexandria	24,668	190,053	165,385	0.4238	0.7489
Andover	0	105,592	105,592	0.2355	0.2116
Anoka	0	0	0	0.0000	0.0000
Apple Valley	354,298	763,970	409,672	1.7036	0.8525
Arden Hills	0	28,268	28,268	0.0630	0.1678
Austin	2,110,250	1,389,798	(720,452)	3.0991	1.9672
Baxter	0	0	0		
Bemidji	881,340	1,133,860	252,520	2.5284	3.9039
Blaine	1,823,624	969,363	(854,261)	2.1616	1.1686
Bloomington	501,704	352,316	(149,388)	0.7856	0.1801
Brainerd	833,681	1,097,418	263,737	2.4471	4.4118
Brooklyn Center	0	28,627	28,627	0.0638	0.0419
Brooklyn Park	1,767,279	458	(1,766,821)	0.0010	0.0004
Buffalo	0	0	0	0.0000	0.0000
Burnsville	0	0	0	0.0000	0.0000
Cambridge	0	122,180	122,180	0.2724	1.2780
Champlin	622,518	976,282	353,764	2.1770	3.1744
Chanhassen	435,889	538,342	102,453	1.2004	0.9758
Chaska	0	120,873	120,873	0.2695	0.2626
Chisholm	115,247	254,937	139,690	0.5685	2.0035
Cloquet	435,062	145,518	(289,544)	0.3245	0.4667
Columbia Heights	1,487,231	1,269,131	(218,100)	2.8300	4.2696
Coon Rapids	2,356,614	766,293	(1,590,321)	1.7087	0.5962
Corcoran	0	0	0	0.0000	0.0000
Cottage Grove	0	0	0	0.0000	0.0000
Crookston	181,510	153,216	(28,294)	0.3417	0.3876
Crystal	86,518	0	(86,518)	0.0000	0.0000
Dayton	0	0	0	0.0000	0.0000
Detroit Lakes	196,061	0	(196,061)	0.0000	0.0000
Duluth	0	0	0	0.0000	0.0000
Eagan	0	0	0	0.0000	0.0000
East Bethel	804,836	850,212	45,376	1.8959	2.8265
East Grand Forks	351,638	551,608	199,970	1.2300	2.8152
Eden Prairie	91,241	0	(91,241)	0.0000	0.0000

Municipalities	Unencumbered Amount Available 12-31-97	Unencumbered Amount Available 12-31-98	Difference Between 1997 and 1998	Percentage of Total Amount in 1998 Account	Ratio to City's 1998 Construction Allotment
Edina	\$3,273,878	\$4,202,433	\$928,555	9.3709	4.5102
Elk River	0	0	0	0.0000	0.0000
Fairmont	0	0	0	0.0000	0.0000
Falcon Heights	305,331	336,196	30,865	0.7497	5.9325
Faribault	72,700	148,566	75,866	0.3313	0.2952
Farmington	1,190,543	56,455	(1,134,088)	0.1259	0.1693
Fergus Falls	350,182	275,660	(74,522)	0.6147	0.7521
Forest Lake	0	0	0	0.0000	0.0000
Fridley	833,155	108,602	(724,553)	0.2422	0.2440
Glencoe	154,624	0	(154,624)	0.0000	0.0000
Golden Valley	31,507	539,267	507,760	1.2025	1.0639
Grand Rapids	0	0	0	0.0000	0.0000
Ham Lake	48,199	28,219	(19,980)	0.0629	0.0872
Hastings	0	0	0	0.0000	0.0000
Hermantown	776,566	0	(776,566)	0.0000	0.0000
Hibbing	1,025,348	1,174,728	149,380	2.6195	1.8438
Hopkins	0	404,491	404,491	0.9020	0.9880
Hugo	645,780	0	(645,780)	0.0000	0.0000
Hutchinson	0	218,116	218,116	0.4864	0.5413
International Falls	558,056	556,629	(1,427)	1.2412	2.4776
Inver Grove Heights	689,650	1,127,105	437,455	2.5133	1.9203
Lake Elmo	390,054	0	(390,054)	0.0000	0.0000
Lakeville	0	0	0	0.0000	0.0000
Lino Lakes	853,598	258,496	(595,102)	0.5764	0.7938
Litchfield	109,822	142,729	32,907	0.3183	0.8639
Little Canada	0	168,403	168,403	0.3755	0.8800
Little Falls	0	0	0	0.0000	0.0000
Mahtomedi	0	0	0	0.0000	0.0000
Mankato	63,085	0	(63,085)	0.0000	0.0000
Maple Grove	0	192	192	0.0004	0.0002
Maplewood	379,645	0	(379,645)	0.0000	0.0000
Marshall	566,395	950,365	383,970	2.1192	3.0271
Mendota Heights	491,257	613,653	122,396	1.3684	2.6142
Minneapolis	1,236,292	2,114,777	878,485	4.7157	0.2982
Minnnetonka	0	0	0	0.0000	0.0000
Montevideo	200,686	103,705	(96,981)	0.2312	0.6337
Monticello	263,521	0	(263,521)	0.0000	0.0000
Moorhead	108,196	759,674	651,478	1.6940	0.9187
Morris	280,761	258,416	(22,345)	0.5762	2.3332
Mound	21,724	217,830	196,106	0.4857	1.2589
Mounds View	631,962	554,876	(77,086)	1.2373	2.3029
New Brighton	91,359	0	(91,359)	0.0000	0.0000
New Hope	0	0	0	0.0000	0.0000
New Ulm	324,449	0	(324,449)	0.0000	0.0000
North Branch	314,024	60,976	(253,048)	0.1360	0.2902

Municipalities	Unencumbered Amount Available 12-31-97	Unencumbered Amount Available 12-31-98	Difference Between 1997 and 1998	Percentage of Total Amount in 1998 Account	Ratio to City's 1998 Construction Allotment
North Mankato	\$0	\$0	\$0	0.0000	0.0000
North St. Paul	65,625	0	(65,625)	0.0000	0.0000
Northfield	711,858	803,785	91,927	1.7923	2.6644
Oak Grove	0	0	0	0.0000	0.0000
Oakdale	0	0	0	0.0000	0.0000
Orono	686,185	513,502	(172,683)	1.1450	2.0155
Otsego	762,911	993,913	231,002	2.2163	4.4918
Owatonna	0	0	0	0.0000	0.0000
Plymouth	0	0	0	0.0000	0.0000
Prior Lake	684,598	313,295	(371,303)	0.6986	0.9540
Ramsey	685,006	1,008,450	323,444	2.2487	2.2389
Red Wing	0	0	0	0.0000	0.0000
Redwood Falls	75,740	208,630	132,890	0.4652	1.5958
Richfield	2,542,856	2,287,265	(255,591)	5.1003	3.1798
Robbinsdale	0	166,389	166,389	0.3710	0.4963
Rochester	714,722	969,847	255,125	2.1626	0.5868
Rosemount	400,471	89,713	(310,758)	0.2000	0.1948
Roseville	1,056,551	0	(1,056,551)	0.0000	0.0000
St. Anthony	502,914	134,314	(368,600)	0.2995	0.8755
St. Cloud	0	0	0	0.0000	0.0000
St. Louis Park	0	0	0	0.0000	0.0000
St. Michael	5,996	199,414	193,418	0.4447	0.8885
St. Paul	0	0	0	0.0000	0.0000
St. Paul Park	269,430	395,431	126,001	0.8818	0.0000
St. Peter	696,809	221,712	(475,097)	0.4944	0.7493
Sartell	0	0	0	0.0000	0.0000
Sauk Rapids	0	0	0	0.0000	0.0000
Savage	0	325,425	325,425	0.7257	0.6365
Shakopee	106,202	278,776	172,574	0.6216	0.7778
Shoreview	95,910	0	(95,910)	0.0000	0.0000
Shorewood	1,196,942	1,356,588	159,646	3.0250	7.8981
South St. Paul	1,849,935	1,949,517	99,582	4.3472	5.6694
Spring Lake Park	0	0	0	0.0000	0.0000
Stewartville	0	106,649	106,649	0.2378	0.0000
Stillwater	415,634	505,458	89,824	1.1271	1.7300
Thief River Falls	394,331	447,938	53,607	0.9988	1.2665
Vadnais Heights	0	0	0	0.0000	0.0000
Virginia	0	0	0	0.0000	0.0000
Waite Park	0	0	0	0.0000	0.0000
Waseca	50,623	98,509	47,886	0.2197	0.4933
West St. Paul	0	79,082	79,082	0.1763	0.2212
White Bear Lake	0	0	0	0.0000	0.0000
Willmar	804,543	1,233,415	428,872	2.7504	2.8327
Winona	364,330	655,581	291,251	1.4619	1.2343
Woodbury	0	0	0	0.0000	0.0000
Worthington	971,073	668,511	(302,562)	1.4907	2.4717
TOTAL	\$49,110,546	\$44,845,521	(\$4,265,025)	100.0000	0.6413

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 1997)
(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.

** The bond adjustment will be adjusted annually by 10% starting in year principal is paid for these cities.

		(A)	(B)	(C)	(D)	(E)	(D minus C minus E)
			Total Amount Applied Toward State Aid Projects	(A Minus B) Amount Not Applied Toward State Aid Projects	Remaining Amount of Principal To Be Paid	Off System Disburse- ment	Bond Account Adjustment
Municipality	Date of Issue	Amount of Issue					
Andover	8-01-88	\$500,000	\$500,000	\$0	\$50,000		\$50,000
Apple Valley	8-01-79	875,000	875,000	0	235,000		235,000
Apple Valley	9-09-91	1,730,000	1,730,000	0	1,335,000	\$779,446	555,554
Brooklyn Center	9-01-91	3,000,000	3,000,000	0	2,125,000		2,125,000
Cambridge	8-01-94	650,000	641,142	8,858 *	575,000		566,142
Cloquet	12-01-93	835,000	835,000	0	510,000		510,000
Eagan	7-01-86	3,000,000	3,000,000	0	975,000		975,000
Eagan	12-01-96 **	995,000	102,539	892,461	715,000		995,000
Eden Prairie	11-10-91	370,000	370,000	0	200,000		200,000

		(A)	(B)	(C)	(D)	(E)	(D Minus C) minus E)
Municipality	Date of Issue	Amount of Issue	Total Amount Applied Toward State Aid Projects	(A Minus B) Amount Not Applied Toward State Aid Projects	Remaining Amount of Principal To Be Paid	Off System Disbursement	Bond Account Adjustment
Eden Prairie	7-01-92	\$1,940,000	\$1,902,697	\$37,303	\$200,000		\$162,697
Elk River	6-01-92	1,095,000	1,095,000	0	360,000		360,000
Falcon Heights	4-21-80	170,000	142,012	27,988	0		(27,988)
Ham Lake	9-01-94	530,000	530,000	0	335,000		335,000
Little Canada	11-01-93	315,000	300,000	15,000 *	115,000		100,000
Maple Grove	11-01-94	3,620,000	3,620,000	0	2,685,000		2,685,000
Marshall	7-01-81	310,000	235,496	74,504	0		(74,504)
Oakdale	11-10-92	453,181	453,181	0	242,616		242,616
Oakdale	11-23-93	887,640	887,640	0	556,344		556,344
Redwood Falls	12-01-82	215,000	25,000	190,000	0		(190,000)
Rosemount	7-05-94	700,000	0	700,000	515,000		(185,000)
Roseville	12-01-85	2,225,000	2,225,000	0	920,000		920,000
St. Cloud	11-01-92	1,940,000	1,755,000	185,000	1,095,000		910,000
Savage	10-01-87	875,000	875,000	0	150,000		150,000
Savage	06-17-96**	717,775	0	717,775	687,775		717,775
Savage	10-01-97	820,000	428,051	391,949	820,000		428,051
Woodbury	10-01-94	3,890,000	3,870,853	19,147	3,350,000		3,330,853
TOTAL		\$32,658,596	\$29,398,611	\$3,259,985	\$18,751,735	\$779,446	\$16,632,540

* Overhead costs

NON-EXISTING BRIDGE CONSTRUCTION

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

BE IT RESOLVED:

"The money needs for all "non-existing" bridges and grade separations be removed from the Needs Study until such time that a construction project is awarded. At that time a money needs adjustment shall be made by annually adding the total amount of the structure cost, project development and construction engineering that is eligible for State Aid reimbursement for a 15-year period."

This directive to exclude all Federal or State grants.

Municipality	MSAS No.	First Year of Adjustment	Year of Apportionment Expiration	15 Years Amount Expired	Project Development & Constuction Engineering	Project Needs	Total Needs Amount
Bloomington	433	1987	2001		\$226,024	\$1,255,688	
	399	1990	2004		192,724	1,070,687	\$2,745,123
Burnsville	108	1986	2000		62,943	349,684	412,627
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
Duluth *	140	1987	2001			1,054,200	1,054,200
Eden Prairie	101	1985	1999		175,374	974,299	
	107	1997	2011		51,335	285,194	1,486,202
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
Minneapolis	336	1986	2000		194,881	1,082,670	
	419	1996	2010		292,653	1,625,850	3,196,054
Moorhead	135	1998	2012		175,284	973,801	1,149,085
Plymouth	153	1999	2013		171,465	952,585	1,124,050
Ramsey	104	1998	2012		54,554	303,077	357,631
Red Wing	122	1986	2000		178,435	991,307	1,169,742
Roseville	219	1987	2001		506,649	2,814,714	3,321,363
Woodbury	108	1996	2010		253,835	1,410,197	1,664,032
TOTAL					\$3,294,043	\$18,792,990	\$22,087,033

* Rehabilitation of the lift bridge which was approved by the Screening Board in 1986.

NEEDS ADJUSTMENT FOR RIGHT-OF-WAY ACQUISITION
(For reference, see Right-of-Way Resolution)

MUNICIPALITY	1982-1996 RIGHT-OF-WAY EXPENDITURES	+	1997-1998 RIGHT-OF-WAY EXPENDITURES	-	1982 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 1999 APPORTIONMENT
Albert Lea	\$6,827		--		--		\$6,827
Alexandria	--		--		--		--
Andover	150,801		--		--		150,801
Anoka	216,505		\$4,650		(\$28,974)		192,181
Apple Valley	--		--		--		--
Arden Hills	--		--		--		--
Austin	--		--		--		--
Bemidji	220,201		--		--		220,201
Blaine	292,356		194,158		--		486,514
Bloomington	5,542,214		4,396,446		--		9,938,660
Brainerd	352,019		215,200		--		567,219
Brooklyn Center	2,523,341		--		--		2,523,341
Brooklyn Park	379,223		152		--		379,375
Buffalo	--		--		--		--
Burnsville	1,334,446		--		--		1,334,446
Cambridge	--		--		--		--
Champlin	123,432		--		--		123,432
Chanassen	65,000		--		--		65,000
Chaska	92,467		--		--		92,467
Chisholm	--		--		--		--
Cloquet	22,271		--		(22,271)		--
Columbia Heights	133,200		3,130		--		136,330
Coon Rapids	1,060,488		--		--		1,060,488
Corcoran	5,762		19,296		--		25,058
Cottage Grove	458,865		--		--		458,865
Crookston	1,050,364		--		--		1,050,364
Crystal	3,682,636		--		--		3,682,636
Dayton	--		--		--		--
Detroit Lakes	--		--		--		--
Duluth	310,355		35,980		(36,200)		310,135
Eagan	392,508		--		--		392,508
East Bethel	17,200		--		--		17,200
East Grand Forks	121,700		--		--		121,700
Eden Prairie	--		--		--		--
Edina	305,393		--		--		305,393
Elk River	250,867		(12,028)		--		238,839
Fairmont	73,163		--		--		73,163
Falcon Heights	--		--		--		--
Faribault	2,346		--		--		2,346
Farmington	83,865		--		--		83,865

MUNICIPALITY	1982-1996	1997-1998	1982	=	TOTAL
	RIGHT-OF-WAY EXPENDITURES	RIGHT-OF-WAY EXPENDITURES	EXPIRED RIGHT-OF-WAY EXPENDITURES		RIGHT-OF-WAY ADJUSTMENT FOR 1999 APPORTIONMENT
Fergus Falls	\$67,200	\$18,149	--	--	\$85,349
Forest Lake	64,783	--	--	--	64,783
Fridley	95,081	--	--	--	95,081
Glencoe	--	--	--	--	--
Golden Valley	419,693	--	--	--	419,693
Grand Rapids	--	--	--	--	--
Ham Lake	131,576	--	--	--	131,576
Hastings	--	--	--	--	--
Hermantown	129,858	--	--	--	129,858
Hibbing	205,360	--	(\$14,000)	--	191,360
Hopkins	--	\$1,000	--	--	1,000
Hugo	--	121,190	--	--	121,190
Hutchinson	175,000	166,250	--	--	341,250
International Falls	--	--	--	--	--
Inver Grove Heights	1,127,132	--	--	--	1,127,132
Lake Elmo	106,951	--	--	--	106,951
Lakeville	712,328	--	--	--	712,328
Lino Lakes	64,950	--	--	--	64,950
Litchfield	--	--	--	--	--
Little Canada	--	--	--	--	--
Little Falls	407,923	--	--	--	407,923
Mahtomedi	--	--	--	--	--
Mankato	433,175	--	--	--	433,175
Maple Grove	1,366,419	1,181,828	--	--	2,548,247
Maplewood	--	--	--	--	--
Marshall	14,443	--	--	--	14,443
Mendota Heights	8,970	--	--	--	8,970
Minneapolis	7,849,353	363,325	--	--	8,212,678
Minnetonka	700,480	502,836	(71,450)	--	1,131,866
Montevideo	17,121	--	--	--	17,121
Monticello	149,510	--	--	--	149,510
Moorhead	400,308	2,376	--	--	402,684
Morris	2,379	--	--	--	2,379
Mound	595,641	814,325	--	--	1,409,966
Mounds View	--	--	--	--	--
New Brighton	--	--	--	--	--
New Hope	183,000	--	--	--	183,000
New Ulm	--	--	--	--	--
North Branch	--	--	--	--	--
North Mankato	395,146	--	--	--	395,146
North St. Paul	78,068	--	--	--	78,068
Northfield	8,850	--	--	--	8,850
Oak Grove	54,551	--	--	--	54,551
Oakdale	233,629	--	--	--	233,629
Orono	29,164	1,000	--	--	30,164

MUNICIPALITY	1982-1996 RIGHT-OF-WAY EXPENDITURES	+ 1997-1998 RIGHT-OF-WAY EXPENDITURES	- 1982 EXPIRED RIGHT-OF-WAY EXPENDITURES	= TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 1999 APPORTIONMENT
Otsego	\$8,900	--	--	\$8,900
Owatonna	--	--	--	--
Plymouth	200,901	--	--	200,901
Prior Lake	281,025	--	--	281,025
Ramsey	171,648	--	(\$18,377)	153,271
Red Wing	72,851	--	--	72,851
Redwood Falls	--	--	--	--
Richfield	3,613,615	--	(1,152,857)	2,460,758
Robbinsdale	--	--	--	--
Rochester	3,616,427	\$14,586	--	3,631,013
Rosemount	--	--	--	--
Roseville	1,660,726	(21,916)	--	1,638,810
St. Anthony	--	--	--	--
St. Cloud	1,489,274	--	--	1,489,274
St. Louis Park	302,905	48,096	--	351,001
St. Michael	--	--	--	--
St. Paul	4,511,685	839,565	--	5,351,250
St. Paul Park	--	--	--	--
St. Peter	26,182	--	--	26,182
Sartell	115,505	--	--	115,505
Sauk Rapids	3,944	33,625	--	37,569
Savage	--	--	--	--
Shakopee	--	--	--	--
Shoreview	14,945	787	--	15,732
Shorewood	--	--	--	--
South St. Paul	--	--	--	--
Spring Lake Park	129,350	3,294	--	132,644
Stewartville	--	--	--	--
Stillwater	19,061	--	--	19,061
Thief River Falls	70,642	--	--	70,642
Vadnais Heights	--	--	--	--
Virginia	--	--	--	--
Waite Park	28,764	--	--	28,764
Waseca	5,000	--	--	5,000
West St. Paul	--	--	--	--
White Bear Lake	279,823	--	--	279,823
Willmar	130,000	--	--	130,000
Winona	--	--	--	--
Woodbury	369,615	--	--	369,615
Worthington	26,842	--	--	26,842
TOTAL	\$52,647,487	\$8,947,300	(\$1,344,129)	\$60,250,658

October 28, 1998

James N. Denn, Commissioner
Minnesota Department of Transportation
Mail Stop 100
State Transportation Building
St. Paul, Minnesota 55155

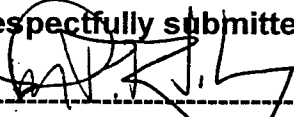
Dear Commissioner Denn:

We, the undersigned, as members of the 1998 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 1999 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.


Respectfully submitted,



John Rodeberg
Chairman

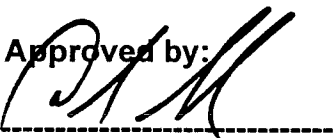


Ken Ashfeld
Vice Chairman

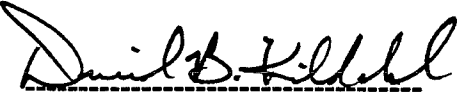


Dave Halter
Secretary

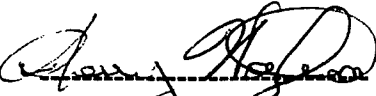
Approved by:



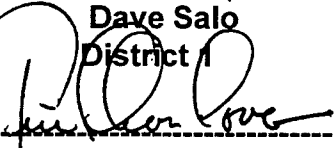
Dave Salo
District 1



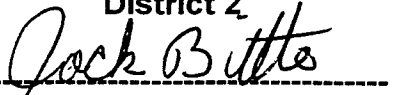
Dave Kildahl
District 2



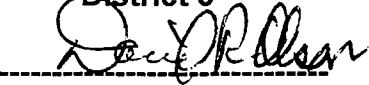
Terry Wotzka
District 3



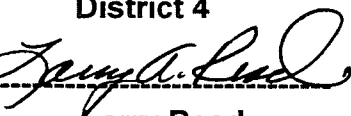
Tim Schoonhoven
District 4



Jack Bittle
Metro-West



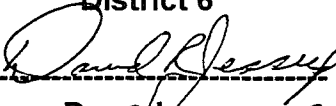
Dave Olson
District 6



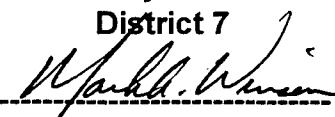
Larry Read
District 7



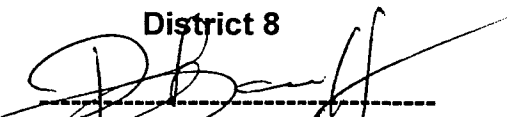
Daniel Sarff
District 8



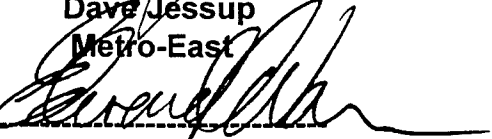
Dave Jessup
Metro-East



Mark Winson
Duluth



Ramankutty Kannankutty
Minneapolis



Ed Warn
Saint Paul

Attachment: Money Needs Listing

1998 ADJUSTED CONSTRUCTION NEEDS RECOMMENDATIONS

Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction Needs
Albert Lea	\$10,582,852	Edina	\$20,070,396
Alexandria	7,863,112	Elk River	18,023,653
Andover	16,870,307	Fairmont	18,805,424
Anoka	6,103,530	Falcon Heights	606,617
Apple Valley	18,192,230	Faribault	16,332,754
Arden Hills	4,754,812	Farmington	11,915,530
Austin	21,853,472	Fergus Falls	11,743,324
Baxter	9,363,100	Forest Lake	4,057,612
Bemidji	7,596,238	Fridley	8,416,476
Blaine	20,078,040	Glencoe	5,914,693
Bloomington	73,416,810	Golden Valley	14,203,230
Brainerd	6,753,624	Grand Rapids	8,250,714
Brooklyn Center	16,067,777	Ham Lake	9,559,617
Brooklyn Park	22,685,890	Hastings	6,236,615
Buffalo	8,746,128	Hermantown	5,560,284
Burnsville	25,630,150	Hibbing	26,286,848
Cambridge	5,289,438	Hopkins	7,653,000
Champlin	7,032,155	Hugo	8,744,672
Chanhassen	10,744,317	Hutchinson	10,824,464
Chaska	10,014,445	International Falls	4,769,107
Chisholm	4,254,014	Inver Grove Heights	15,301,999
Cloquet	13,040,088	Lake Elmo	4,383,350
Columbia Heights	7,567,997	Lakeville	30,494,945
Coon Rapids	22,006,049	Lino Lakes	13,269,243
Corcoran	5,839,454	Litchfield	5,111,666
Cottage Grove	19,484,404	Little Canada	6,372,276
Crookston	15,737,653	Little Falls	9,846,738
Crystal	15,403,516	Mahtomedi	3,663,717
Dayton	6,926,143	Mankato	23,155,967
Detroit Lakes	6,458,851	Maple Grove	33,023,016
Duluth	74,259,360	Maplewood	15,942,141
Eagan	24,093,156	Marshall	7,814,821
East Bethel	8,395,107	Mendota Heights	6,051,674
East Grand Forks	6,312,038	Minneapolis	221,030,131
Eden Prairie	27,752,934	Minnnetonka	26,388,768

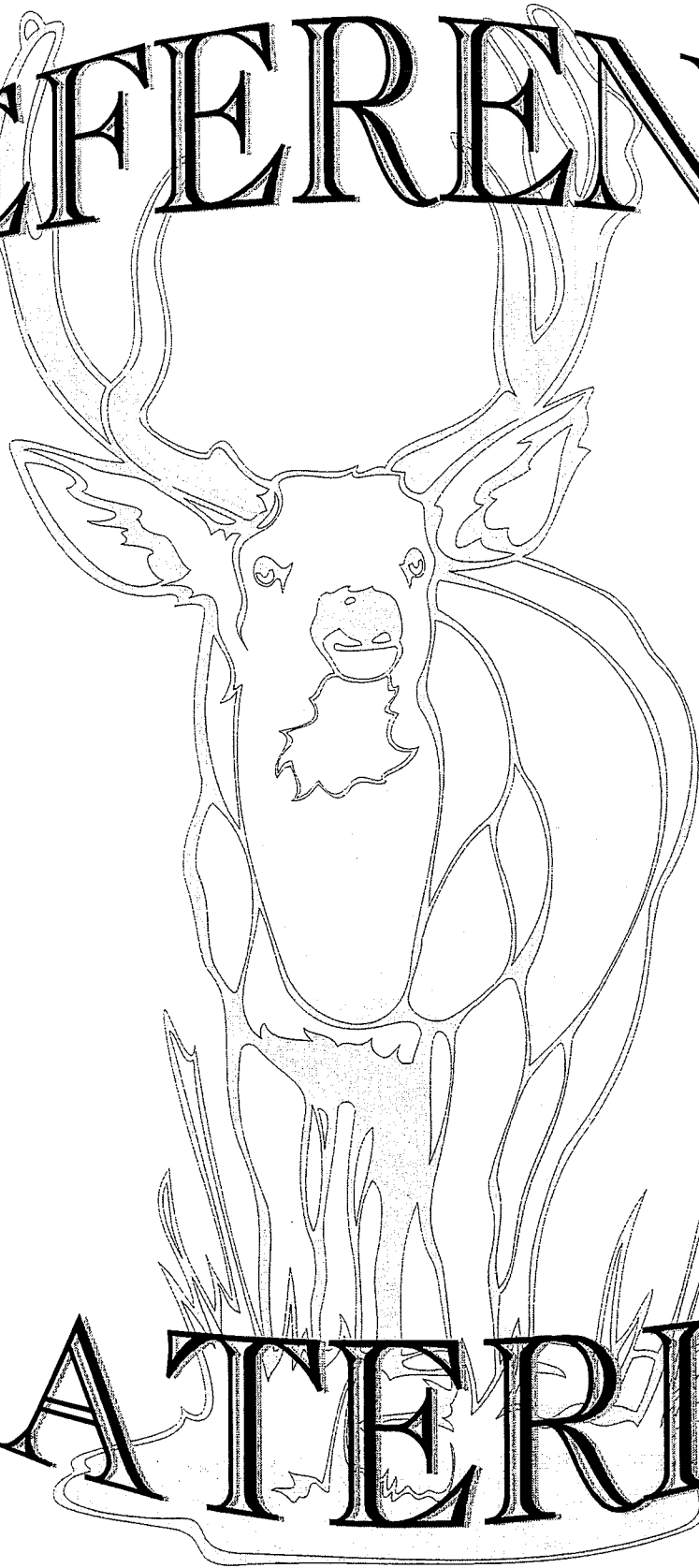
Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction Needs
Montevideo	\$4,459,346	St. Louis Park	\$23,809,576
Monticello	5,101,170	St. Michael	8,220,866
Moorhead	25,845,334	St. Paul	173,720,287
Morris	3,166,780	St. Paul Park	3,680,468
Mound	5,319,139	St. Peter	8,770,105
Mounds View	5,112,320	Sartell	4,913,315
New Brighton	7,800,383	Sauk Rapids	5,403,231
New Hope	11,501,697	Savage	14,214,407
New Ulm	10,283,438	Shakopee	9,990,742
North Branch	9,805,578	Shoreview	7,239,095
North Mankato	9,596,951	Shorewood	4,400,144
North St. Paul	5,661,047	South St. Paul	7,267,719
Northfield	8,106,658	Spring Lake Park	1,862,872
Oak Grove	7,409,013	Stewartville	2,589,902
Oakdale	10,308,396	Stillwater	7,219,281
Orono	9,660,834	Thief River Falls	12,336,281
Otsego	8,412,167	Vadnais Heights	3,001,415
Owatonna	12,765,806	Virginia	6,982,051
Plymouth	30,458,321	Waite Park	5,712,331
Prior Lake	8,941,745	Waseca	4,308,488
Ramsey	14,055,999	West St. Paul	5,686,481
Red Wing	17,415,201	White Bear Lake	10,182,991
Redwood Falls	5,260,221	Willmar	11,411,269
Richfield	16,428,094	Winona	12,520,458
Robbinsdale	5,085,231	Woodbury	34,214,034
Rochester	46,250,104	Worthington	7,220,349
Rosemount	14,148,687		
Roseville	20,181,059		
St. Anthony	4,255,979		
St. Cloud	35,263,637		
		STATE TOTAL	\$1,981,933,166

TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE

The following tabulation shows the Trunk Highway Turnback Maintenance allowance for the 1999 Apportionment. All turnbacks eligible for maintenance payments are included in this tabulation as of December 31, 1998. 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 1998.

Msas Route No.	Date of Release	Project Number	Plan Approved	Total Mileage	Miles Const.	Miles Eligible for TB Maint.	Date of MSAS Designation	Maintenance Allowance Eligible Miles X \$7,200	Total Turnback Maintenance Allocation
Brooklyn Park									
139 (TH 252)	7-15-94		No	2.94	0.00	2.94	12-94	\$21,168	\$21,168
Cambridge									
113 (TH 65)	11-1-94		No	2.15	0.00	2.15	12-94	15,480	15,480
Chanhasen									
113 & 119 (TH101)	10-31-97		No	0.60	0.00	0.60	7-98	4,320	4,320
Chisholm									
248 (TH 169)	12-30-94	111-248-01	Yes	0.72	0.45	0.27	12-94	1,944	1,944
Cloquet									
146 (TH 45)	11-15-94	112-146-02	Yes	1.06	1.06	0.00	11-94	0	
			No	0.66	0.00	0.66	11-94	<u>4,752</u>	
								4,752	4,752
Duluth									
(TH 23)	12-15-95		No	14.61	0.00	14.61	2-1-96	105,192	
(TH 61)	12-15-95		No	1.79	0.00	1.79	2-1-96	12,888	
(TH 194)	12-15-95	Constructed	No	<u>0.95</u>	<u>0.95</u>	<u>0.00</u>	2-1-96	0	
				17.35	0.95	16.40		118,080	118,080
Fergus Falls									
104 (TH 59)	11-1-94	126-104-02	Yes	0.79	0.79	0.00	11-94	0	
			No	1.76	0.00	1.76		12,672	
109 (TH 210)	11-1-94	126-109-08	Yes	0.00	0.00	0.00	11-94	0	
		126-109-10							
132 (TH 59)	11-1-94	signal	No	2.11	0.00	2.11		15,192	
			No	<u>1.40</u>	<u>0.00</u>	<u>1.40</u>	11-94	<u>10,080</u>	
				6.06	0.79	5.27		37,944	37,944
Lino Lakes									
113 (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	162-115-08	Yes	0.13		0.13	12-90	936	
		162-131-04	Yes	0.23		0.23	12-90	1,656	
		162-145-01	Yes	1.80	1.11	0.69	12-90	4,968	
		162-145-02	Yes	<u>0.17</u>		<u>0.17</u>	12-90	<u>1,224</u>	
				2.33	1.11	1.22		8,784	8,784
Virginia									
225 (TH 135)	6-1-96		No	2.35	0.00	2.35	08-96	16,920	16,920
Willmar									
153 (TH 71)	6-91		No	4.47	3.86	0.61	08-96	4,392	4,392
TOTAL				40.97	8.22	32.75			\$235,800

REFERENCE



MATERIAL

M.S.A.S. Mileage, Needs and Apportionment 1958 to 1999

Appt. Year	Number of Municipalities	Needs Mileage	Actual 25 Year Construction Needs	Total Apportment	Adjusted 25 Year Construction Needs	Total Apportment Per Needs Mileage	Apportment 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

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

** Excluded Redwood Falls and Eveleth. Added Redwood Falls back in 1997 apportionment.

The 1999 mileage does not consider 13.66 one-way mileage which was reduced by 1/2 the segment length.

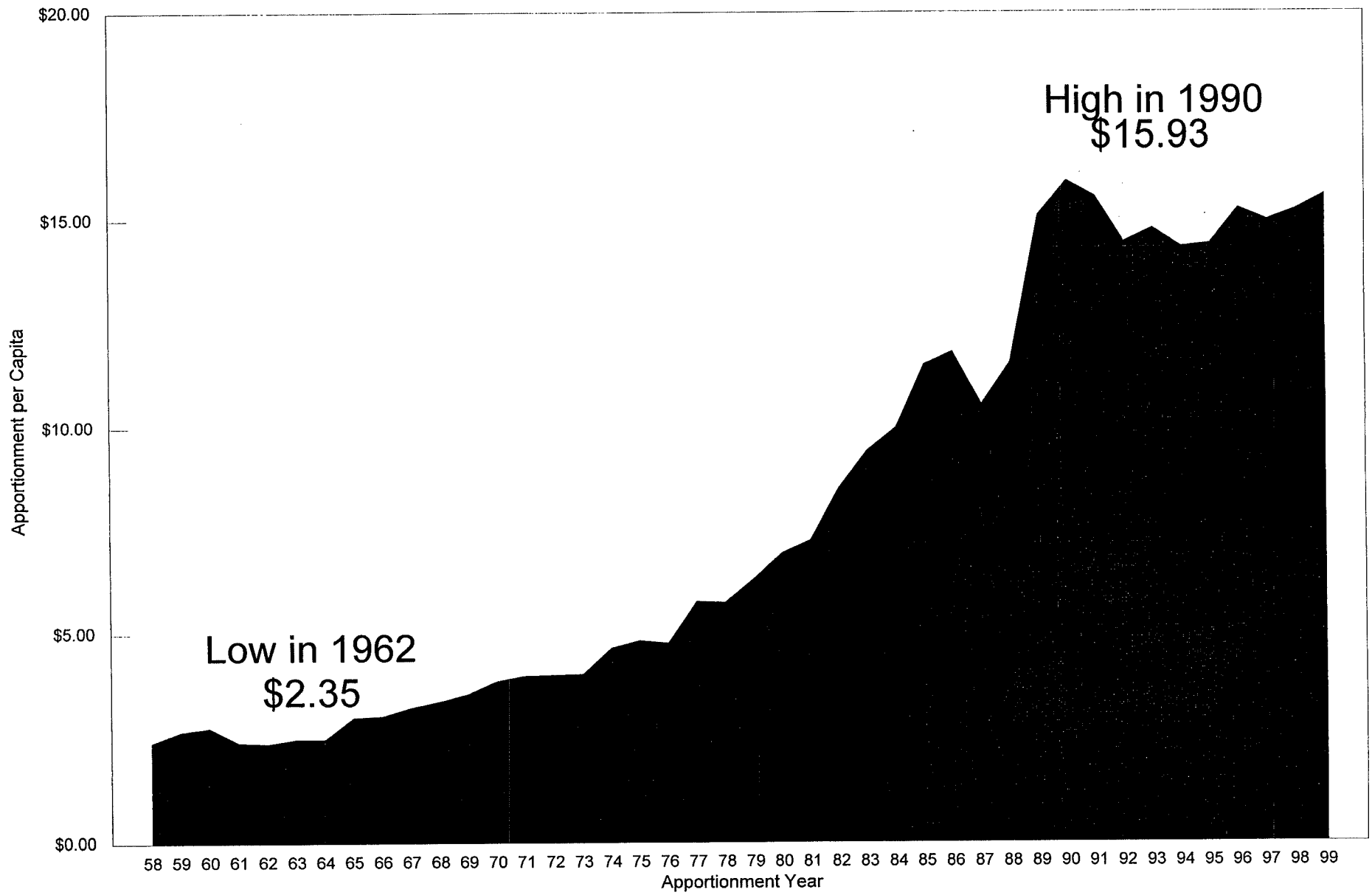
YEARLY APPORTIONMENT COMPARISONS

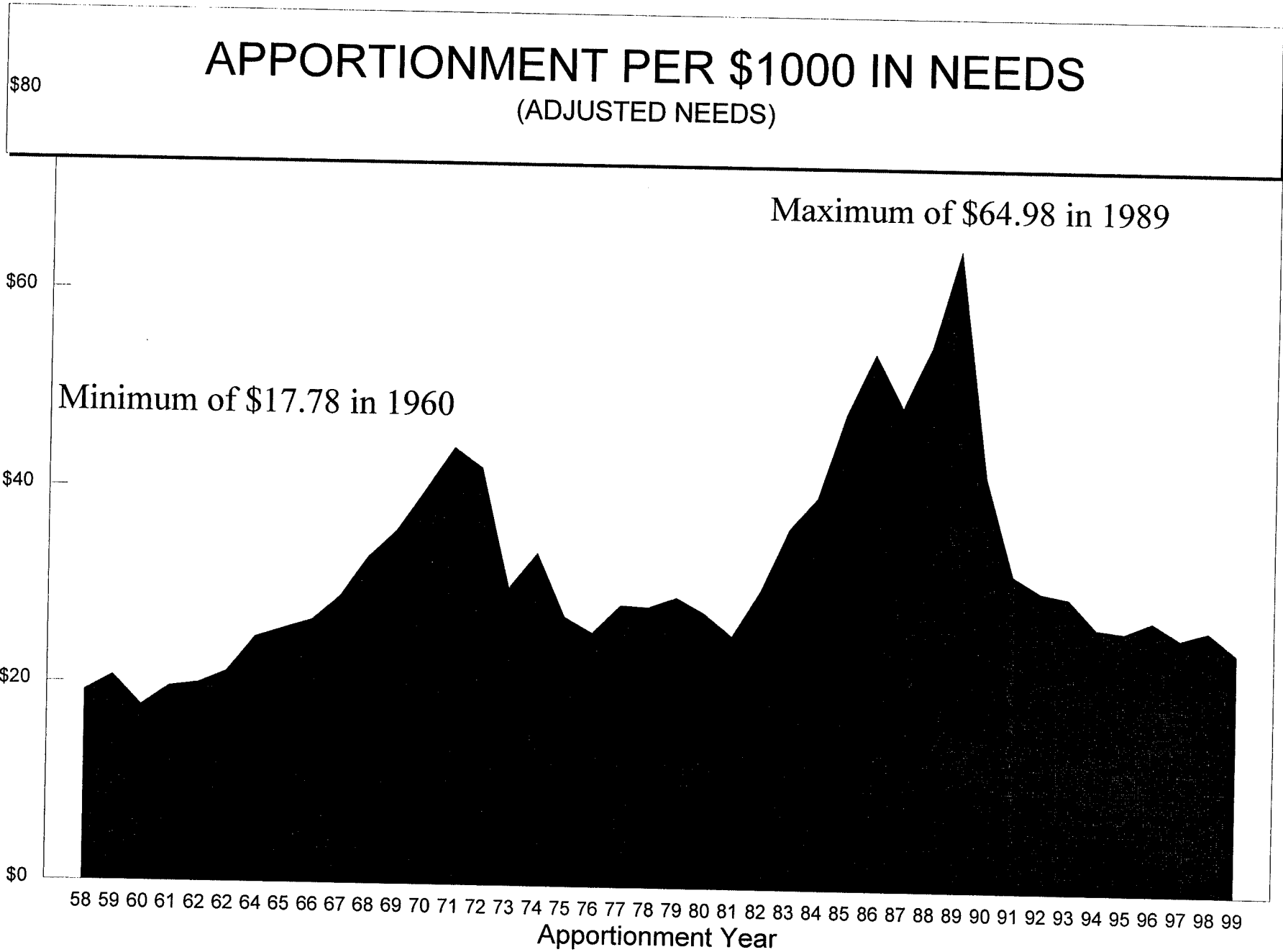
Since 1958, Population Apportionment per Capita has increased \$13.21 or 555%. During this same time period, Construction Needs Apportionment has increased \$5.33 or 28% per \$1000 of Const. Needs.

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	10.92	20.71	8.23
1960	1,534,587	2.73	14.71	21.14	10.48
1961	1,920,742	2.39	0.42	19.64	2.64
1962	1,920,742	2.35	-1.26	20.02	4.63
1963	1,920,742	2.46	3.36	21.21	10.85
1964	1,920,742	2.46	3.36	24.76	29.40
1965	1,920,742	2.96	24.37	25.71	34.34
1966	1,951,085	2.99	25.63	26.63	39.15
1967	1,951,448	3.19	34.03	29.10	52.06
1968	2,139,734	3.34	40.34	33.20	73.47
1969	2,153,747	3.51	47.48	35.87	87.42
1970	2,153,747	3.83	60.92	39.96	108.80
1971	2,286,488	3.96	66.39	44.27	131.34
1972	2,304,433	3.98	67.23	42.21	120.57
1973	2,327,882	4.00	68.07	30.17	57.66
1974	2,333,683	4.65	95.38	33.76	76.40
1975	2,361,895	4.83	102.94	27.28	42.58
1976	2,386,993	4.77	100.42	25.67	34.12
1977	2,391,494	5.77	142.44	28.54	49.14
1978	2,421,215	5.75	141.60	28.38	48.30
1979	2,436,708	6.32	165.55	29.42	53.73
1980	2,447,492	6.94	191.60	27.86	45.59
1981	2,465,725	7.25	204.62	25.54	33.49
1982	2,450,066	8.51	257.56	30.30	58.33
1983	2,455,653	9.41	295.38	36.55	91.00
1984	2,455,813	9.97	318.91	39.70	107.47
1985	2,461,133	11.52	384.03	48.20	151.87
1986	2,493,667	11.84	397.48	54.30	183.76
1987	2,516,111	10.55	343.28	48.97	155.92
1988	2,523,928	11.57	386.13	55.06	187.72
1989	2,535,147	15.09	534.03	64.98	239.55
1990	2,558,117	15.93	569.33	41.99	119.43
1991	2,564,600	15.55	553.36	32.11	67.77
1992	2,808,378	14.44	506.72	30.41	58.94
1993	2,808,763	14.77	520.59	29.89	56.20
1994	2,821,276	14.32	501.68	26.83	40.19
1995	2,835,597	14.40	505.04	26.46	38.28
* 1996	2,975,653	15.25	540.76	27.63	44.37
* 1997	3,028,637	14.96	528.57	25.91	35.42
* 1998	3,081,724	15.22	539.50	26.73	39.68
* 1999	3,125,088	15.59	555.04	24.47	27.87

* Used estimate and census.

Population Apportionment per Capita





APPORTIONMENT COMPARISON PER NEED MILE

Municipality	Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Apportionment Per Need Mile	General Maintenance Apport. Per Improved Mile
Albert Lea	18.74	\$15,237	\$13,817	\$29,054	\$21,791	\$7,264
Alexandria	14.12	9,403	13,625	23,028	17,271	5,757
Andover	33.80	10,319	12,212	22,531	15,772	9,414
Anoka	11.98	23,208	12,466	35,674	26,755	8,918
Apple Valley	31.74	20,936	14,024	34,960	30,943	1,500
Arden Hills	7.41	20,395	15,700	36,095	27,071	10,432
Austin	27.64	12,420	19,345	31,765	30,272	1,500
Baxter	12.70	6,165	18,039	24,204	22,883	1,500
Bemidji	14.40	13,074	12,907	25,981	19,486	6,495
Blaine	34.41	19,869	14,277	34,146	25,609	12,872
Bloomington	75.36	18,078	23,837	41,915	27,244	14,885
Brainerd	14.25	14,403	11,596	25,999	19,500	6,574
Brooklyn Center	21.65	20,805	18,159	38,964	29,377	4,157
Brooklyn Park	46.68	20,877	12,344	33,221	24,576	11,799
Buffalo	9.46	15,368	22,621	37,989	36,686	1,500
Burnsville	43.70	20,545	14,350	34,895	26,171	8,816
Cambridge	9.21	9,036	15,733	24,769	16,884	3,666
Champlin	17.01	18,615	10,115	28,730	21,548	8,544
Chanhassen	21.19	12,448	12,610	25,058	23,648	1,500
Chaska	14.87	15,537	16,478	32,015	24,011	8,242
Chisholm	7.99	10,324	13,270	23,594	17,513	6,042
Cloquet	20.12	8,664	16,094	24,758	15,939	7,973
Columbia Heights	12.53	23,532	14,778	38,310	28,733	9,578
Coon Rapids	40.97	23,315	13,142	36,457	35,012	1,500
Corcoran	14.72	6,036	9,706	15,742	10,232	5,510
Cottage Grove	29.41	15,955	16,210	32,165	30,796	1,500
Crookston	11.46	11,047	33,600	44,647	40,284	4,363
Crystal	17.88	20,745	21,079	41,824	31,368	10,515
Dayton	9.28	8,606	18,261	26,867	20,151	7,206
Detroit Lakes	12.41	9,192	12,734	21,926	20,426	1,500

Municipality	1998 Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Apportionment Per Need Mile	General Maintenance Apport. Per Improved Mile
Duluth	105.89	\$12,589	\$18,274	\$30,863	\$20,824	\$10,671
Eagan	46.13	19,950	12,779	32,729	30,941	1,500
East Bethel	25.48	5,950	8,061	14,011	10,509	4,064
East Grand Forks	12.48	11,305	12,375	23,680	17,760	6,167
Eden Prairie	42.66	18,015	15,918	33,933	32,215	1,500
Edina	39.36	18,664	12,476	31,140	23,355	7,785
Elk River	25.78	8,871	17,106	25,977	24,641	1,500
Fairmont	19.41	9,109	23,705	32,814	31,378	1,500
Falcon Heights	2.54	33,082	5,843	38,925	25,302	13,624
Faribault	22.06	13,441	18,115	31,556	23,667	7,889
Farmington	11.96	12,728	24,376	37,104	27,829	11,521
Fergus Falls	23.14	8,906	14,057	22,963	15,992	7,364
Forest Lake	5.53	18,866	17,953	36,819	27,614	9,942
Fridley	25.24	17,557	8,159	25,716	18,001	7,721
Glencoe	6.94	11,789	20,853	32,642	21,573	1,500
Golden Valley	23.55	13,895	14,757	28,652	21,489	7,331
Grand Rapids	11.40	11,536	17,708	29,244	21,933	7,482
Ham Lake	24.47	7,371	9,559	16,930	15,065	1,500
Hastings	16.09	16,734	9,484	26,218	19,664	6,629
Hermantown	12.99	8,621	10,473	19,094	16,015	3,079
Hibbing	50.74	5,546	12,676	18,222	13,666	4,690
Hopkins	9.31	27,734	20,113	47,847	46,358	1,500
Hugo	14.69	6,178	14,565	20,743	15,557	5,749
Hutchinson	14.73	13,500	17,980	31,480	30,021	1,500
International Falls	8.06	16,059	14,477	30,536	29,036	1,500
Inver Grove Heights	23.86	18,244	15,692	33,936	25,452	9,406
Lake Elmo	11.48	8,595	9,342	17,937	16,535	1,500
Lakeville	43.59	13,344	17,117	30,461	29,053	1,500
Lino Lakes	18.67	12,160	17,498	29,658	22,162	13,656
Litchfield	8.09	12,100	15,460	27,560	20,670	6,890
Little Canada	8.01	18,618	19,465	38,083	28,262	9,521
Little Falls	15.67	7,632	15,375	23,007	21,668	1,500
Mahtomedi	8.22	13,462	10,905	24,367	22,879	1,500
Mankato	29.32	16,938	19,324	36,262	27,196	9,409
Maple Grove	41.99	17,149	19,242	36,391	27,294	8,143

Municipality	1998 Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Apportionment Per Need Mile	General Maintenance Apport. Per Improved Mile
Maplewood	23.91	\$22,676	\$16,314	\$38,990	\$27,293	\$11,977
Marshall	14.88	13,143	12,850	25,993	24,610	1,500
Mendota Heights	13.51	12,685	10,960	23,645	17,734	6,205
Minneapolis	194.41	29,546	27,818	57,364	37,287	20,328
Minnetonka	49.90	16,304	12,939	29,243	27,845	1,500
Montevideo	8.58	10,024	12,717	22,741	21,241	1,500
Monticello	7.80	13,492	16,002	29,494	22,120	9,367
Moorhead	28.48	18,512	22,204	40,716	30,537	10,542
Morris	7.74	11,562	10,011	21,573	16,179	5,393
Mound	8.05	18,870	16,167	35,037	26,278	9,290
Mounds View	9.82	20,410	12,738	33,148	24,861	8,287
New Brighton	14.95	23,747	12,766	36,513	27,385	10,865
New Hope	12.70	26,830	22,159	48,989	31,843	17,228
New Ulm	14.16	15,418	17,769	33,187	31,687	1,500
North Branch	20.89	4,537	11,485	16,022	12,017	4,163
North Mankato	12.56	14,504	18,695	33,199	23,012	2,490
North St. Paul	10.68	18,659	12,969	31,628	23,721	8,445
Northfield	12.06	20,753	16,447	37,200	27,900	10,280
Oak Grove	19.50	5,146	9,296	14,442	13,220	1,500
Oakdale	16.72	23,705	15,085	38,790	35,661	1,500
Orono	12.58	9,508	18,790	28,298	21,223	7,074
Otsego	13.61	7,387	15,123	22,510	16,883	8,045
Owatonna	17.56	18,576	17,787	36,363	34,868	1,500
Plymouth	50.05	19,197	14,890	34,087	32,779	1,500
Prior Lake	15.14	14,747	14,451	29,198	21,898	11,051
Ramsey	29.18	9,283	11,786	21,069	18,156	4,495
Red Wing	22.24	11,072	19,159	30,231	19,650	11,988
Redwood Falls	7.87	10,320	16,354	26,674	20,006	7,940
Richfield	26.22	21,236	15,330	36,566	27,425	9,437
Robbinsdale	10.10	22,225	12,319	34,544	33,050	1,500

Municipality	1998 Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Apportionment Per Need Mile	General Maintenance Apport. Per Improved Mile
Rochester	60.48	\$20,185	\$18,711	\$38,896	\$34,762	\$4,405
Rosemount	22.32	8,922	15,510	24,432	22,193	1,500
Roseville	28.60	18,643	17,265	35,908	26,931	9,576
St. Anthony	5.63	23,334	18,496	41,830	31,372	10,458
St. Cloud	52.22	17,677	16,691	34,368	32,268	1,500
St. Louis Park	28.92	23,706	20,144	43,850	28,502	16,487
St. Michael	14.77	7,666	13,618	21,284	15,964	7,859
St. Paul	164.32	25,833	25,867	51,700	35,673	16,389
St. Paul Park	5.30	14,781	16,991	31,772	23,829	7,943
St. Peter	11.70	13,045	18,340	31,385	29,885	1,500
Sartell	7.63	16,602	15,756	32,358	31,383	1,500
Sauk Rapids	10.17	14,504	12,999	27,503	26,003	1,500
Savage	16.36	15,251	21,259	36,510	30,817	1,500
Shakopee	19.48	12,256	12,549	24,805	18,603	7,229
Shoreview	16.75	24,555	10,574	35,129	33,891	1,500
Shorewood	8.24	13,161	13,066	26,227	19,670	6,557
South St. Paul	16.32	19,380	10,896	30,276	22,707	7,934
Spring Lake Park	5.25	20,971	8,682	29,653	22,240	7,413
Stewartville	3.54	22,512	17,901	40,413	30,310	10,103
Stillwater	14.02	17,872	12,599	30,471	22,853	7,745
Thief River Falls	13.99	9,288	21,575	30,863	23,147	7,925
Vadnais Heights	7.43	27,427	9,884	37,311	36,000	1,500
Virginia	12.33	11,927	15,227	27,154	19,336	8,193
Waite Park	6.45	14,715	21,669	36,384	34,884	1,500
Waseca	6.42	21,227	16,420	37,647	28,236	9,412
West St. Paul	13.10	23,206	10,621	33,827	27,338	6,489
White Bear Lake	19.22	21,216	12,963	34,179	25,635	8,773
Willmar	23.90	12,286	11,866	24,152	17,976	6,149
Winona	21.75	19,129	14,085	33,214	24,910	8,447
Woodbury	40.16	13,869	20,845	34,714	22,380	10,810
Worthington	9.81	16,628	18,009	34,637	33,136	1,500
State total & Avg.	2,859.05	\$15,605	\$15,546	\$31,152	\$24,926	\$10,810

Fund 250

1998 MSAS YEAR END CONSTRUCTION BALANCE AVAILABLE

LESS: AMOUNT REQUIRED IN ACCOUNT

MAXIMUM AMOUNT FOR ADVANCE IN THE 1999

AMOUNT ADVANCE TO DATE (LISTED BELOW)

BALANCE AVAILABLE TO ADVANCE

Less Requests to Reserve Advance Funding-Not Advanced Yet

BALANCE AVAILABLE TO ADVANCE (if all requests to reserve are advanced)

\$ 35,456,023.49

\$(30,000,000.00)

\$ 5,456,023.49

\$ 1,305,371.67

\$ 4,150,651.82

\$ -

\$ 4,150,651.82

CITY NAME	RESOLUTION AMOUNT	YEAR	REQUEST TO RESERVE ADV FUNDING	ADVANCE AMOUNT	REPAID AMOUNT	BALANCE	COMMENTS
Alexandria	\$ 221,000.00	1998	221,000.00	221,000.00	\$ 221,000.00	-	
Anoka	\$ 307,000.00	1998	307,000.00	307,000.00	\$ 307,000.00	-	
Buffalo	\$ 500,000.00	1998	500,000.00	500,000.00	347,051.00	152,949.00	
Burnsville	\$ 800,000.00	1998	406,070.00	406,070.00	406,070.00	-	
Corcoran	\$ 495,716.67	1996		495,716.67	440,240.00	55,476.67	
Cottage Grove	\$ 910,485.00	1998		910,485.00	905,705.00	4,780.00	
Dayton	\$ 500,000.00	1998		160,327.00	160,327.00	-	
Detroit Lakes	\$ 250,000.00	1998		129,668.00	129,668.00	-	
Duluth	\$ 1,590,000.00	1998	969,015.00	969,015.00	969,015.00	-	
Eden Prairie	\$ 1,233,783.00	1998		373,931.00	373,931.00	-	Resolution Limit
Elk River	\$ 500,000.00	1998		175,211.00	175,211.00	-	Limited to \$423,427
Hastings	\$ 500,000.00	1997	500,000.00	500,000.00	500,000.00	-	
Hastings	\$ 90,000.00	1998	90,000.00	90,000.00	90,000.00	-	
Hermantown	\$ 340,000.00	1998	340,000.00	340,000.00	208,033.00	131,967.00	
Lake Elmo	\$ 340,735.25	1998		144,455.00	144,455.00	-	
Lakeville	\$ 1,290,224.00	1998		1,290,224.00	1,266,437.00	23,787.00	
Little Falls	\$ 500,000.00	1997	326,500.00	500,000.00	500,000.00	-	
Mahtomedi	\$ 344,000.00	1998		344,000.00	188,063.00	155,937.00	
Mankato	\$ 1,072,325.50	1998		977,366.00	797,396.00	179,970.00	
Minnetonka	\$ 1,400,000.00	1997		1,400,000.00	1,400,000.00	-	
Minnetonka	\$ 1,300,000.00	1998	1,300,000.00	1,300,000.00	1,300,000.00	-	
Orono	\$ 500,000.00	1998				-	
Owatonna	\$ 555,000.00	1998	555,000.00	555,000.00	555,000.00	-	
Red Wing	\$ 671,000.00	1998		671,000.00	437,024.00	233,976.00	
Sauk Rapids	\$ 400,000.00	1998		125,683.00	125,683.00	-	
Shoreview	\$ 353,780.00	1998		308,919.00	308,919.00	-	
Spring Lake Park	\$ 200,109.00	1996		141,147.00	141,147.00	-	
St. Cloud	\$ 1,000,000.00	1998	1,000,000.00	1,000,000.00	1,000,000.00	-	
St. Louis Park	\$ 700,000.00	1998	700,000.00	700,000.00	700,000.00	-	
Vadnais Heights	\$ 165,000.00	1998	115,000.00	115,000.00	115,000.00	-	
Waite Park	\$ 500,000.00	1998		374,277.00	225,004.00	149,273.00	
White Bear Lake	\$ 450,000.00	1998		217,416.00	217,416.00	-	
Woodbury	\$ 1,300,000.00	1997	962,672.00	962,672.00	962,672.00	-	
Woodbury	\$ 1,320,000.00	1998		1,009,262.00	792,006.00	217,256.00	Advanced Limit
TOTAL	<u>\$22,600,158.42</u>			<u>\$17,714,844.67</u>	<u>\$ 16,409,473.00</u>	<u>\$ 1,305,371.67</u>	

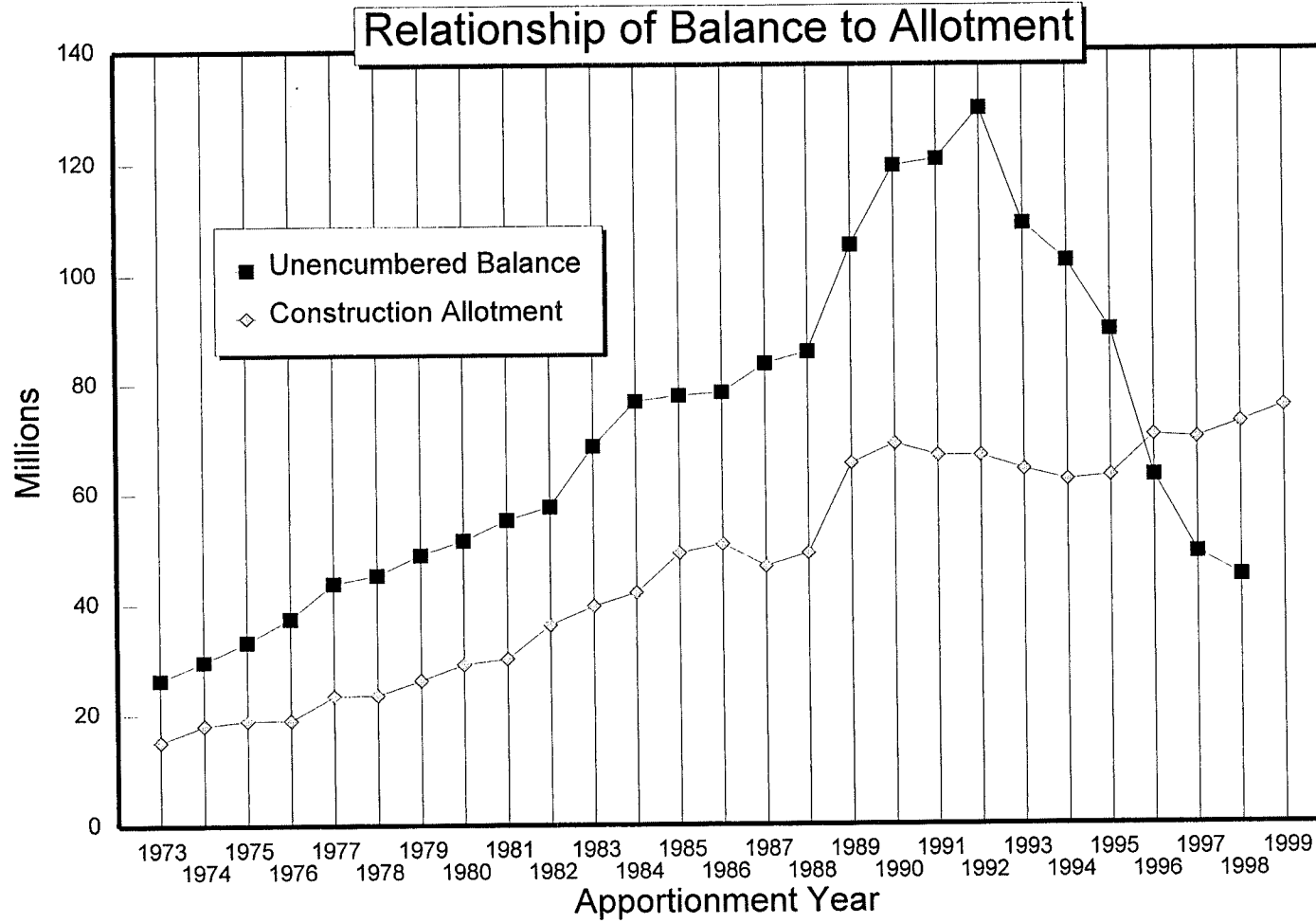
RELATIONSHIP OF CONSTRUCTION BALANCE TO CONSTRUCTION ALLOTMENT

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. Does not include State Aid Advances.

App. Year	No. of Municipalities	Needs Mileage	Unencumbered Construction Balance	Construction Allotment	Amount Spent on Construction Projects	Ratio of Construction Balance to Construction Allotment	Ratio of Amount spent to Amount Received
1973	94	1580.45	\$26,333,918	\$15,164,273	\$12,855,250	1.7366	0.8477
1974	95	1608.06	29,760,552	18,052,386	14,625,752	1.6486	0.8102
1975	99	1629.30	33,239,840	19,014,171	15,534,883	1.7482	0.8170
1976	101	1718.92	37,478,614	18,971,282	14,732,508	1.9755	0.7766
1977	101	1748.55	43,817,240	23,350,429	17,011,803	1.8765	0.7285
1978	104	1807.94	45,254,560	23,517,393	22,080,073	1.9243	0.9389
1979	106	1853.71	48,960,135	26,196,935	22,491,360	1.8689	0.8585
1980	106	1889.03	51,499,922	29,082,865	26,543,078	1.7708	0.9127
1981	106	1933.64	55,191,785	30,160,696	26,468,833	1.8299	0.8776
1982	105	1976.17	57,550,334	36,255,443	33,896,894	1.5874	0.9349
1983	106	2022.37	68,596,586	39,660,963	28,614,711	1.7296	0.7215
1984	106	2047.23	76,739,685	41,962,145	33,819,046	1.8288	0.8059
1985	107	2110.52	77,761,378	49,151,218	48,129,525	1.5821	0.9792
1986	107	2139.42	78,311,767	50,809,002	50,258,613	1.5413	0.9892
1987	*	2148.07	83,574,312	46,716,190	41,453,645	1.7890	0.8874
1988		2171.89	85,635,991	49,093,724	47,032,045	1.7443	0.9580
1989	109	2205.05	105,147,959	65,374,509	45,862,541	1.6084	0.7015
1990	112	2265.64	119,384,013	68,906,409	54,670,355	1.7326	0.7934
1991	113	2330.30	120,663,647	66,677,426	65,397,792	1.8097	0.9808
1992	116	2376.79	129,836,670	66,694,378	57,521,355	1.9467	0.8625
1993	116	2410.53	109,010,201	64,077,980	84,904,449	1.7012	1.3250
1994	117	2471.04	102,263,355	62,220,930	68,967,776	1.6436	1.1084
1995	118	2526.39	89,545,533	62,994,481	75,712,303	1.4215	1.2019
1996	119	2614.71	62,993,508	70,289,831	96,841,856	0.8962	1.3778
1997	**	2740.46	49,110,546	69,856,915	83,739,877	0.7030	1.1987
1998		2815.99	44,845,521	72,626,164	76,891,189	0.6175	1.0587
1999		2859.05		75,595,243		0.0000	0.0000

* 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.



1998 ADEQUATE & DEFICIENT MILES

DISTRICT 1			
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
CHISHOLM	3.75	4.24	53.07
CLOQUET	8.04	12.08	60.04
DULUTH	24.30	81.59	77.05
GRAND RAPIDS	3.75	7.65	67.11
HERMANTOWN	8.40	4.59	35.33
HIBBING	19.17	31.57	62.22
INTERNATIONAL FALLS	2.49	5.57	69.11
VIRGINIA	<u>5.39</u>	<u>6.94</u>	<u>56.29</u>
DISTRICT 1 TOTAL	75.29	154.23	67.20

DISTRICT 2			
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
BEMIDJI	6.50	7.90	54.86
CROOKSTON	4.87	6.59	57.50
EAST GRAND FORKS	6.21	6.27	50.24
THIEF RIVER FALLS	<u>3.52</u>	<u>10.47</u>	<u>74.84</u>
DISTRICT 2 TOTAL	21.10	31.23	59.68

DISTRICT 3			
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
BAXTER	2.34	10.36	81.57
BRAINERD	6.28	7.97	55.93
BUFFALO	2.34	7.12	75.26
CAMBRIDGE	2.55	6.66	72.31
ELK RIVER	9.59	16.19	62.80
LITTLE FALLS	6.64	9.03	57.63
MONTICELLO	1.43	6.37	81.67
OTSEGO	2.18	11.43	83.98
SARTELL	2.29	5.34	69.99
SAUK RAPIDS	5.47	4.70	46.21
ST CLOUD	19.40	32.82	62.85
ST MICHAEL	0.45	14.32	96.95
WAITE PARK	<u>2.77</u>	<u>3.68</u>	<u>57.05</u>
DISTRICT 3 TOTAL	63.73	135.99	68.09

DISTRICT 4

MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
ALEXANDRIA	6.25	7.87	55.74
DETROIT LAKES	5.17	7.24	58.34
FERGUS FALLS	7.82	15.32	66.21
MOORHEAD	12.32	16.16	56.74
MORRIS	4.09	3.65	47.16
DISTRICT 4 TOTAL	35.65	50.24	58.49

METRO WEST

MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
ANDOVER	13.56	20.24	59.88
ANOKA	4.89	7.09	59.18
BLAINE	14.04	20.37	59.20
BLOOMINGTON	20.16	55.20	73.25
BROOKLYN CENTER	7.20	14.45	66.74
BROOKLYN PARK	19.74	26.94	57.71
CHAMPLIN	11.11	5.90	34.69
CHANHASSEN	9.04	12.15	57.34
CHASKA	5.14	9.73	65.43
COLUMBIA HEIGHTS	3.37	9.16	73.10
COON RAPIDS	21.06	19.91	48.60
CORCORAN	3.01	11.71	79.55
CRYSTAL	5.07	12.81	71.64
DAYTON	0.39	8.89	95.80
EAST BETHEL	14.61	10.87	42.66
EDEN PRAIRIE	16.62	26.04	61.04
EDINA	11.12	28.24	71.75
FRIDLEY	11.91	13.33	52.81
GOLDEN VALLEY	9.67	13.88	58.94
HAM LAKE	12.07	12.40	50.67
HOPKINS	2.60	6.71	72.07
LINO LAKES	3.14	15.53	83.18
MAPLE GROVE	22.30	19.69	46.89
MINNEAPOLIS	50.18	144.23	74.19
MINNETONKA	20.77	29.13	58.38
MOUND	2.30	5.75	71.43
NEW HOPE	3.37	9.33	73.46
OAK GROVE	5.62	13.88	71.18
ORONO	1.96	10.62	84.42
PLYMOUTH	23.76	26.29	52.53
PRIOR LAKE	5.99	9.15	60.44
RAMSEY	13.23	15.95	54.66
RICHFIELD	4.62	21.60	82.38
ROBBINSDALE	5.02	5.08	50.30
SAVAGE	7.27	9.09	55.56
SHAKOPEE	9.70	9.78	50.21
SHOREWOOD	0.55	7.69	93.33
SPRING LAKE PARK	4.01	1.24	23.62
ST ANTHONY	1.39	4.24	75.31
ST LOUIS PARK	9.99	18.93	65.46
METRO WEST TOTAL	411.55	723.22	63.73

DISTRICT 6			
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
ALBERT LEA	7.38	11.36	60.62
AUSTIN	13.18	14.46	52.32
FARIBAULT	9.41	12.65	57.34
NORTHFIELD	4.21	7.85	65.09
OWATONNA	8.56	9.00	51.25
RED WING	7.63	14.61	65.69
ROCHESTER	23.70	36.78	60.81
STEWARTVILLE	0.83	2.71	76.55
WINONA	<u>6.46</u>	<u>15.29</u>	<u>70.30</u>
DISTRICT 6 TOTAL	81.36	124.71	60.52

DISTRICT 7			
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
FAIRMONT	5.22	14.19	73.11
MANKATO	12.30	17.02	58.05
NEW ULM	5.91	8.25	58.26
NORTH MANKATO	5.41	7.15	56.93
ST PETER	3.48	8.22	70.26
WASECA	2.98	3.44	53.58
WORTHINGTON	<u>2.59</u>	<u>7.22</u>	<u>73.60</u>
DISTRICT 7 TOTAL	37.89	65.49	63.35

DISTRICT 8			
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
GLENCOE	0.74	6.20	89.34
HUTCHINSON	5.67	9.06	61.51
LITCHFIELD	2.90	5.19	64.15
MARSHALL	7.65	7.23	48.59
MONTEVIDEO	4.05	4.53	52.80
REDWOOD FALLS	1.59	6.28	79.80
WILLMAR	<u>12.53</u>	<u>11.37</u>	<u>47.57</u>
DISTRICT 8 TOTAL	35.13	49.86	58.67

METRO EAST

MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
APPLE VALLEY	16.87	14.87	46.85
ARDEN HILLS	2.52	4.89	65.99
BURNSVILLE	24.54	19.16	43.84
COTTAGE GROVE	15.08	14.33	48.72
EAGAN	31.68	14.45	31.32
FALCON HEIGHTS	1.86	0.68	26.77
FARMINGTON	1.79	10.17	85.03
FOREST LAKE	0.92	4.61	83.36
HASTINGS	10.14	5.95	36.98
HUGO	2.68	12.01	81.76
INVER GROVE HEIGHTS	6.82	17.04	71.42
LAKE ELMO	5.37	6.11	53.22
LAKEVILLE	16.73	26.86	61.62
LITTLE CANADA	2.76	5.25	65.54
MAHTOMEDI	3.81	4.41	53.65
MAPLEWOOD	5.32	18.59	77.75
MENDOTA HEIGHTS	5.43	8.08	59.81
MOUNDS VIEW	3.85	5.97	60.79
NEW BRIGHTON	4.14	10.81	72.31
NORTH BRANCH	0.25	20.64	98.80
NORTH ST PAUL	3.98	6.70	62.73
OAKDALE	8.13	8.59	51.38
ROSEMOUNT	8.34	13.98	62.63
ROSEVILLE	15.02	13.58	47.48
SHOREVIEW	9.39	7.36	43.94
SOUTH ST PAUL	6.82	9.50	58.21
ST PAUL	49.59	114.73	69.82
ST PAUL PARK	0.51	4.79	90.38
STILLWATER	7.02	7.00	49.93
VADNAIS HEIGHTS	4.77	2.66	35.80
WEST ST PAUL	7.91	5.19	39.62
WHITE BEAR LAKE	8.77	10.45	54.37
WOODBURY	18.87	21.29	53.01
METRO EAST TOTAL	311.68	450.70	59.12
STATE TOTAL	1073.38	1785.67	62.46

STATE TOTALS

STATE TOTAL	ADEQUATE MILES	DEFICIENT MILES	PERCENTAGE OF TOTAL MILEAGE DEFICIENT
1996	1026.61	1713.85	62.54
1997	1053.25	1762.74	62.60
1998	1073.38	1785.67	62.46

PERCENTAGE OF DESIGNATED MILEAGE

Mileage is based on certified mileage.

This spreadsheet does not include 1998 designations.

Note that 20% of local and county road mileage is allowed for designation plus county and Trunk Highway Turnback.

Municipality	Total Mileage Allowed for Designation 20% Of Local & County Road	Total 1997 M.S.A.S. Miles Desig. Within 20%	% Miles Desig. Within 20%	Total Turnback Mileage Designated Above 20%	% of City's Total Miles Designated Above 20%	Total 1997 M.S.A.S. Miles Designated	% of Total Miles Designated
Albert Lea	19.37	18.65	19.2566	0.00	0.0000	18.65	19.2566
Alexandria	12.53	12.33	19.6808	1.80	2.8731	14.13	22.5539
Andover	35.31	34.12	19.3260	0.00	0.0000	34.12	19.3260
Anoka	13.00	11.62	17.8769	1.08	1.6615	12.70	19.5385
Apple Valley	33.13	31.74	19.1609	0.00	0.0000	31.74	19.1609
Arden Hills	6.30	5.98	18.9841	1.33	4.2222	6.15	19.5238
Austin	22.94	22.26	19.4071	4.71	4.1064	26.97	23.5135
Baxter	12.76	12.70	19.9060	0.00	0.0000	12.70	19.9060
Bemidji	14.24	13.25	18.6096	1.20	1.6854	14.45	20.2949
Blaine	35.15	32.86	18.6970	0.00	0.0000	32.86	18.6970
Bloomington	73.80	71.64	19.4146	1.29	0.3496	72.93	19.7642
Brainerd	14.75	14.25	19.3220	0.00	0.0000	14.25	19.3220
Brooklyn Center	21.16	21.06	19.9055	0.52	0.4915	21.58	20.3970
Brooklyn Park	42.82	42.20	19.7104	4.48	2.0925	46.68	21.8029
Buffalo	9.56	9.10	19.0377	0.00	0.0000	9.10	19.0377
Burnsville	44.49	43.69	19.6404	0.00	0.0000	43.69	19.6404
Cambridge	7.58	7.12	18.7863	2.26	5.9631	9.38	24.7493
Champlin	17.37	16.39	18.8716	0.62	0.7139	17.01	19.5855
Chanhassen	22.45	20.65	18.3964	0.99	0.8820	21.64	19.2784
Chaska	15.10	13.48	17.8543	0.00	0.0000	13.48	17.8543
Chisholm	NO 1997 CERTIFICATION OF MILEAGE RECEIVED						
Cloquet	18.61	18.05	19.3982	1.75	1.8807	19.80	21.2789
Columbia Heights	11.77	11.65	19.7961	0.90	1.5293	12.55	21.3254
Coon Rapids	43.46	36.19	16.6544	1.44	0.6627	37.63	17.3171
Corcoran	14.86	14.18	19.0848	0.00	0.0000	14.18	19.0848
Cottage Grove	30.30	29.32	19.3531	0.00	0.0000	29.32	19.3531
Crookston	9.93	9.89	19.9194	1.58	3.1823	11.47	23.1017
Crystal	17.94	17.69	19.7213	0.00	0.0000	17.69	19.7213
Dayton	9.37	9.26	19.7652	0.00	0.0000	9.26	19.7652
Detroit Lakes	9.63	9.54	19.8131	2.73	5.6698	12.27	25.4829
Duluth	86.42	78.14	18.0838	27.75	6.4221	105.89	24.5059
Eagan	45.62	45.03	19.7413	0.72	0.3157	45.75	20.0570
East Bethel	26.35	25.46	19.3245	0.00	0.0000	25.46	19.3245
East Grand Forks	9.39	9.09	19.3610	3.39	7.2204	12.48	26.5815
Eden Prairie	41.19	40.52	19.6747	2.14	1.0391	42.66	20.7138
Edina	NO 1997 CERTIFICATION OF MILEAGE RECEIVED						
Elk River	25.13	24.54	19.5304	1.24	0.9869	25.78	20.5173
Fairmont	13.60	13.54	19.9118	5.84	8.5882	19.38	28.5000
Falcon Heights	2.64	2.54	19.2424	0.00	0.0000	2.54	19.2424
Faribault	19.73	19.07	19.3310	2.39	2.4227	21.46	21.7537

Municipality	Total Mileage Allowed for Designation	Total 1997 M.S.A.S. Miles Desig. Within 20%	% Miles Desig. Within 20%	Total Turnback Mileage	% of City's Total Miles Designated Above 20%	Total 1997 M.S.A.S. Miles Designated	% of Total Miles Designated
Armington	11.88	10.65	17.9293	0.00	0.0000	10.65	17.9293
Bergus Falls	16.43	14.30	17.4072	7.45	9.0688	21.75	26.4760
Forest Lake	5.83	5.54	19.0051	0.00	0.0000	5.54	19.0051
Fridley	25.31	25.22	19.9289	0.00	0.0000	25.22	19.9289
Glencoe	7.01	6.94	19.8003	0.00	0.0000	6.94	19.8003
Golden Valley	23.93	23.49	19.6323	0.00	0.0000	23.49	19.6323
Grand Rapids	11.40	11.40	20.0000	0.00	0.0000	11.40	20.0000
Lam Lake	24.80	23.55	18.9919	0.00	0.0000	23.55	18.9919
Maple Heights	16.21	13.18	16.2616	1.26	1.5546	14.44	17.8162
Marmontown	13.18	12.99	19.7117	0.00	0.0000	12.99	19.7117
Maplewood	48.60	47.98	19.7449	2.72	1.1193	50.70	20.8642
Maplewood	9.55	9.41	19.7068	0.00	0.0000	9.41	19.7068
Maplewood	15.46	15.23	19.6960	0.00	0.0000	15.23	19.6960
Maplewood	11.87	11.40	19.2081	3.02	5.0885	14.42	24.2965
Maplewood	8.10	8.05	19.8765	0.00	0.0000	8.05	19.8765
Maplewood	24.90	21.57	17.3253	5.50	4.4177	27.07	21.7430
Maplewood	11.64	9.52	16.3574	0.00	0.0000	9.52	16.3574
Maplewood	38.03	36.52	19.2059	7.07	3.7181	43.59	22.9240
Maplewood	19.32	18.39	19.0373	0.28	0.2899	18.67	19.3271
Maplewood	8.39	8.09	19.2849	0.00	0.0000	8.09	19.2849
Maplewood	5.52	5.30	19.2029	2.79	10.1087	8.09	29.3116
Maplewood	12.58	10.62	16.8839	3.12	4.9603	13.74	21.8442
Maplewood	6.69	4.63	13.8416	0.00	0.0000	4.63	13.8416
Maplewood	24.10	25.37	21.0539	6.55	5.4357	31.92	26.4896
Maplewood	43.41	41.49	19.1154	0.50	0.2304	41.99	19.3458
Maplewood	22.48	21.48	19.1103	3.32	2.9537	24.80	22.0641
Maplewood	11.55	11.35	19.6537	3.60	6.2338	14.95	25.8874
Maplewood	13.65	13.51	19.7949	0.00	0.0000	13.51	19.7949
Maplewood	190.75	196.09	20.5599	10.23	1.0726	206.32	21.6325
Maplewood	50.37	49.90	19.8134	0.00	0.0000	49.90	19.8134
Maplewood	8.84	8.58	19.4118	0.00	0.0000	8.58	19.4118
Maplewood	7.32	5.99	16.3661	0.00	0.0000	5.99	16.3661
Maplewood	26.79	27.15	20.2688	2.99	2.2322	30.14	22.5009
Maplewood	6.94	6.66	19.1931	0.00	0.0000	6.66	19.1931
Maplewood	8.15	8.05	19.7546	0.00	0.0000	8.05	19.7546
Maplewood	8.53	8.44	19.7890	1.50	3.5170	9.94	23.3060
Maplewood	14.08	13.84	19.6591	0.73	1.0369	14.57	20.6960
Maplewood	12.78	12.72	19.9061	0.00	0.0000	12.72	19.9061
Maplewood	15.13	13.58	17.9511	0.58	0.7667	14.16	18.7178
Maplewood	17.71	16.81	18.9836	4.07	4.5963	20.88	23.5799
Maplewood	10.71	10.52	19.6452	1.90	3.5481	12.42	23.1933
Maplewood	8.56	7.15	16.7056	2.74	6.4019	9.89	23.1075
Maplewood	11.62	11.30	19.4492	0.80	1.3769	12.10	20.8262
Maplewood	NO 1997 CERTIFICATION OF MILEAGE RECEIVED						
Maplewood	18.02	16.72	18.5572	0.00	0.0000	16.72	18.5572

Municipality	Total Mileage Allowed for Designation 20% Of Local & County Road	Total 1997 M.S.A.S. Miles Desig. Within 20%	% Miles Desig. Within 20%	Total Turnback Mileage Designated Above 20%	% of City's Total Miles Designated Above 20%	Total 1997 M.S.A.S. Miles Designated	% of Total Miles Designated
Orono	12.75	12.58	19.7333	0.00	0.0000	12.58	19.7333
Otsego	13.82	13.19	19.0883	0.00	0.0000	13.19	19.0883
Owatonna	21.22	17.58	16.5693	0.00	0.0000	17.58	16.5693
Plymouth	52.58	48.91	18.6040	1.18	0.4488	50.09	19.0529
Prior Lake	16.46	15.39	18.6999	0.00	0.0000	15.39	18.6999
Ramsey	30.63	29.74	19.4189	0.00	0.0000	29.74	19.4189
Red Wing	22.27	22.28	20.0090	0.50	0.4490	22.78	20.4580
Redwood Falls	7.94	7.90	19.8992	0.00	0.0000	7.90	19.8992
Richfield	26.43	25.76	19.4930	0.00	0.0000	25.76	19.4930
Robbinsdale	10.01	10.33	20.6394	0.55	1.0989	10.88	21.7383
Rochester	61.82	60.05	19.4274	0.43	0.1391	60.48	19.5665
Rosemount	19.03	18.04	18.9595	3.02	3.1739	21.06	22.1335
Roseville	NO 1997 CERTIFICATION OF MILEAGE RECEIVED						
St. Anthony	5.39	5.18	19.2208	0.48	1.7811	5.66	21.0019
St. Cloud	46.92	45.50	19.3947	7.59	3.2353	53.09	22.6300
St. Louis Park	28.19	25.76	18.2760	3.16	2.2419	28.92	20.5179
St. Michael	14.98	14.77	19.7196	0.00	0.0000	14.77	19.7196
St. Paul	153.60	148.08	19.2813	18.19	2.3685	166.27	21.6497
St. Paul Park	5.30	5.30	20.0000	0.00	0.0000	5.30	20.0000
St. Peter	8.79	8.31	18.9078	3.73	8.4869	12.04	27.3948
Sartell	7.63	6.46	16.9332	0.00	0.0000	6.46	16.9332
Sauk Rapids	9.60	9.15	19.0625	1.02	2.1250	10.17	21.1875
Savage	16.36	14.55	17.7873	0.00	0.0000	14.55	17.7873
Shakopee	20.09	18.94	18.8552	0.00	0.0000	18.94	18.8552
Shoreview	16.83	13.69	16.2686	1.82	2.1628	15.51	18.4314
Shorewood	8.94	8.24		0.00	0.0000	8.24	18.4340
South St. Paul	14.80	14.72	19.8919	2.21	2.9865	16.93	22.8784
Spring Lake Park	5.43	5.25	19.3370	0.00	0.0000	5.25	19.3370
Stewartville	3.54	3.54	20.0000	0.00	0.0000	3.54	20.0000
Stillwater	14.37	12.80	17.8149	0.00	0.0000	12.80	17.8149
Thief River Falls	11.92	11.47	19.2450	2.26	3.7919	13.73	23.0369
Vadnais Heights	7.65	6.86	17.9346	0.60	1.5686	7.46	19.5033
Virginia	12.05	10.67	17.7095	4.01	6.6556	14.68	24.3651
Waite Park	6.11	5.99	19.6072	0.51	1.6694	6.50	21.2766
Waseca	7.01	6.42	18.3167	0.00	0.0000	6.42	18.3167
West St. Paul	12.35	12.12	19.6275	0.98	1.5870	13.10	21.2146
White Bear Lake	18.15	16.43	18.1047	2.72	2.9972	19.15	21.1019
Willmar	18.63	19.57	21.0091	4.39	4.7128	23.96	25.7220
Winona	21.86	21.38	19.5608	0.00	0.0000	21.38	19.5608
Woodbury	40.40	38.18	18.9010	0.00	0.0000	38.18	18.9010
Worthington	10.87	9.81	18.0497	0.00	0.0000	9.81	18.0497
TOTALS	2660.59	2424.75	18.2271	328.66	20.58	2753.41	20.6977

CURRENT RESOLUTIONS
OF THE
MUNICIPAL SCREENING BOARD

October, 1998

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 Chairman and Vice Chairman - June 1987

That the Chairman and Vice Chairman, 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.

Screening Board Secretary - Oct. 1961

That annually, the Commissioner of the Minnesota Department of Transportation (Mn/DOT) may be requested to appoint a secretary, upon recommendation of the City Engineers' Association of Minnesota, as a non-voting member of the Municipal Screening Board for the purpose of recording all Screening Board actions.

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

The Screening Board Chairman 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 chairman of the subcommittee in the third year of the appointment.

Appointment to Unencumbered Construction Funds Subcommittee - Revised June 1979

The Screening Board past Chairman 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 Chairman 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 Chairman, with the assistance of State Aid personnel, 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.

Be it resolved that an amount of \$469,141 (not to exceed ½ of 1% of the 1998 MSAS Apportionment sum of \$93,828,258) shall be set aside from the 1999 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.

Improper Needs Report - Oct. 1961

That the Office of State Aid and the District State Aid Engineer is 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

Any new city which has determined their eligible mileage, but does not have an approved State Aid System, their money needs will be 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 Highway System, the annual cut off date for recording construction accomplishments based upon the project award date shall be December 31st of the preceding year.

Construction Accomplishments - Oct. 1988 (Revised June 1993)

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.

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

If the construction of the Municipal State Aid Street is accomplished with local funds, only the construction needs necessary to bring the roadway up to State Aid Standards will be permitted in subsequent needs for 20 years from the date of the letting or encumbrance of force account funds. At the end of the 20 year period, reinstatement for complete construction needs shall be initiated by the Municipality.

Needs for resurfacing, lighting, 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. If, during the period that complete bridge needs are being received the bridge is improved with a bituminous overlay, the municipality will continue to receive complete needs but shall have the non-local cost of the overlay deducted from its total needs for a period of ten (10) years.

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 justification to the satisfaction of the State Aid Engineer (e.g., a deficiency due to changing standards, projected traffic, or other verifiable causes).

In the event that a M.S.A.S route earning "After the Fact" needs is removed from the M.S.A. 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

Be it resolved 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 Commissioner.

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

That in the event that a Municipal State Aid Street is constructed with State Aid Funds to a width less than the standard design width as reported in the Needs Study, the total needs shall be taken off such constructed street other than the surface replacement need. Surface replacement and other future needs shall be limited to the constructed width unless exception is justified to the satisfaction of the Commissioner.

Greater Than Minimum Width (Revised June 1993)

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)

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)

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 which are not designated Trunk Highway, Trunk Highway TURNBACK or County State Aid Highway system 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. Mileage which is on the boundary of two adjoining urban municipalities shall be considered as one-half mileage.

All mileage on the MSAS system shall accrue needs in accordance with current rules and resolutions.

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

All requests for additional mileage or revisions to the Municipal State Aid System must be received by the District State Aid Engineer by March first and a City Council resolution of approved mileage and the Needs Study reporting data must be received by May first, to be included in the current year's Needs Study. Any requests for additional mileage or revisions to the Municipal State Aid Systems received by the District State Aid Engineer after March first will be included in the following year's Needs Study.

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

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

Treat all one-way streets 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 provided for in the preceding paragraph.

NEEDS COSTS

Roadway Item Unit Prices (Revised Annually)			
Right of Way (Needs Only)			\$60,000 per Acre
Grading (Excavation)			\$3.20 per Cu. Yd.
Base:			
	Class 5	Spec. #2211	\$6.50 per Ton
	Bituminous	Spec. #2331	\$21.50 per Ton
Surface:			
	Bituminous	Spec. #2331	\$21.50 per Ton
	Bituminous	Spec. #2341	\$24.50 per Ton
	Bituminous	Spec. #2361	\$30.50 per Ton
Shoulders:			
	Gravel	Spec. #2221	\$10.00 per Ton
Miscellaneous:			
	Storm Sewer Construction		\$245,000 per Mile
	Storm Sewer Adjustment		\$76,000 per Mile
	Street Lighting (every segment)		\$20,000 per Mile
	Curb & Gutter Construction		\$7.50 per Lineal Foot
	Sidewalk Construction		\$20.00 per Sq. Yd.
	Engineering		18%
Removal Items:			
	Curb & Gutter		\$2.00 per Lineal Foot
	Sidewalk		\$5.00 per Sq. Yd.
	Concrete Pavement		\$4.50 per Sq. Yd.
	Tree Removal		\$175.00 per Unit

Traffic Signal Needs Based On Projected Traffic (every segment)			
Projected Traffic	Percentage X	Unit Price =	Needs Per Mile
0 - 4,999	25%	\$99,990	\$24,998 per Mile
5,000 - 9,999	50%	\$99,990	\$49,995 per Mile
10,000 and Over	100%	\$99,990	\$99,990 per Mile

Bridge Unit Costs	
Bridges 0 to 149 Feet long	\$60.00 per Sq. Ft.
Bridges 150 to 499 Feet long	\$60.00 per Sq. Ft.
Bridges 500 Feet and Over	\$60.00 per Sq. Ft.

Bridge Width & Costs - (Revised 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:

Railroad Over Highway	
One Track	\$8,000 per Linear Foot
Each Additional Track	\$6,500 per Linear Foot

"Non-existing" bridge costs - Revised October 1997

"The money needs for all "non-existing" bridges and grade separations be removed from the Needs Study until such time that a construction project is awarded. At that time a money needs adjustment shall be made by annually adding the total amount of the structure cost, project development cost and construction engineering that is eligible for State Aid reimbursement for a 15-year period excluding all Federal or State grants. The addition of 18% project development costs shall be added to the present list of non-existing bridges.

RAILROAD CROSSINGS

Railroad Crossing Costs - (Revised 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)	\$80,000 per Unit
Signals and Gates(Multiple Track - high	\$130,000 per Unit
Signs Only & (low speed)	\$1,000 per Unit
Rubberized Railroad Crossings (Per Track)	\$800 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 facilities 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	\$1,320 per Mile	\$2,200 per Mile
Parking Lanes: Segment length times number of parking lanes times cost per mile	\$1,320 per Mile	\$1,320 per Mile
Median Strip: Segment length times cost per mile	\$440 per Mile	\$880 per Mile
Storm Sewer: Segment length times cost per mile	\$440 per Mile	\$440 per Mile
Traffic Signals: Number of traffic signals times cost per signal	\$440 per Unit	\$440 per Unit
Unlimited Segments: Normal M.S.A.S. Streets		
Minimum allowance per mile is determined by segment length times cost per mile.	\$4,400 per Mile	\$4,440 per Mile
Limited Segments: Combination Routes		
Minimum allowance per mile is determined by segment length times cost per mile.	\$2,200 per Mile	\$2,200 per Mile

NEEDS ADJUSTMENTS

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

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

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

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

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

Effective January 1, 1996

The 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.

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

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

Funding Requests that have been received before December 31st by the District State Aid Engineer for payment shall be considered as being encumbered and the construction balances shall be so adjusted.

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

The Right of Way needs shall be included in the apportionment needs based on the unit price per mile, until such time that the right of way is acquired and the actual cost established. At that time a money 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 money needs adjustment. This Directive to exclude all Federal or State grants. Right-of-way projects that are funded with State Aid Funds will be compiled by the State Aid Office.

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 Office.

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 money 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.

Initial Turnback Maintenance Adjustment - Fractional Year Reimbursement:

The initial turnback adjustment when for less than 12 full months shall provide partial maintenance cost reimbursement by adding said initial adjustment to the money 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.

To provide an advance payment for the coming year's additional maintenance obligation, a needs adjustment per mile shall be added to the annual money 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.

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 Manual - M.S.A.S. #5-892.700. 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)

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 for a nominal fee and maps prepared by State forces every four years, or may elect to continue the present procedure of taking their own counts and preparing their own traffic maps at four year intervals.
3. Any city may count traffic every two years, at their discretion.

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Municipal state aid street
apportionment data
Municipal state aid street