

1999 MUNICIPAL STATE AID NEEDS REPORT



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Minnesota Departme **OCTOBER, 1999** of Transportation

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Minnesota Department of Transportation

Memo

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September 28, 1999

To: Municipal Engineers

From: R. Marshall Johnston Manager, MSAS Needs Unit

Subject: 1999 Municipal State Aid Needs Report

Enclosed is a copy of the '1999 Municipal State Aid Needs Report' which will be reviewed by the Municipal Screening Board on October 26th and 27th to make a final determination of the annual money needs.

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

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

A limited amount of additional copies of this report are available upon request.

Introduction Letter.doc

PREFACE

The "1999 Municipal State Aid Needs Report" is presented to the Municipal Screening Board for use in making their annual construction (money) needs recommendation to the Commissioner of Transportation.

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

The construction (money) needs data contained in this publication has been compiled from reporting submitted by each individual municipality.

Design is established by State Aid Standards based on traffic, and the money needs are calculated using the unit prices as determined by the Municipal Screening Board at their spring meeting in June, 1999.

The estimated Population data is combined with the Commissioner's final construction (money) needs and the result will be used to determine the 2000 allocation which will be reported in the "2000 Municipal State Aid Apportionment Data" to be published in January 2000.

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October, 1999

METRO MUNICIPALITIES

41 Metro West Citles Andover Anoka Bicaine Bioomington Brooklyn Center Brooklyn Park Champlin Chanhassen Chaska Columbia Heights Coon Rapids Corcoran Crystal Dayton East Bethel Eden Proirle Edina Fildley Golden Vallev Ham Lake Hopkins Lino Lakes Maple Grove Minneapoils Minnetonka Mound New Hope Oak Grove Orono Plymouth Prior Lake Ramsev Richfield Robbinsdale St. Anthony St. Louis Park Savage Shakopee Shorewood Spring Lake Park

33 Metro East Cities

Waconia

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

1999 MUNICIPAL SCREENING BOARD

28-Sep-99

OFFICERS

Chair Vice Chair		Ken Ashfeld	Maple Grove	(612) 494-6000
Secretary		Dave Jessup	Woodbury	(651) 714-3593
MEMBERS				
District	<u>Served</u>	Representative		
1	2	David Salo	Hermantown	(218) 727-8796
2	3	David Kildahl	Crookston	(218) 281-6545
3	3	Terry Wotzka	Waite Park	(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	Saint Paul	(612) 266-6142
District		Alternates		
1		Jim Kosluchar	Chisholm	(218) 254-3257
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 Chair appoints one city Engineer, who has served on the Screening Board, to serve a three year term on the Needs Study Subcommittee.

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

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

MUNICIPAL SCREENING BOARD REPRESENTATIVES

- 4 -

Past Screening Board Members, the

DISTRICTS

YEAR	DISTRICT	DISTRICT	DISTRICT	DISTRICT	METRO	DISTRICT	DISTRICT	DISTRICT	METRO
	1	2	3	4	WEST	6	7	8	EAST
1976	BOYER	WIDSETH	KRIHA	REIMER	ODLAND	ANDERSON	MENK	ADEN	DAVIDSON
			Brainerd	Moorhead		Red Wing	St. Peter	Marshall	Inver Gr. Hgts.
1977	PFUTZENREUTER	WIDSETH	KRIHA	RONNING	ODLAND	ANDERSON	MENK	ADEN	DAVIDSON
	Virginia			Fergus Falls					
1978	PFUTZENREUTER	WIDSETH	KRIHA	RONNING	BUTCHER	ANDERSON	PUTNAM	ADEN	HONCHELL
					Maple Grove		New Ulm		Roseville
1979	PFUTZENREUTER	VENCEL	ENGSTRON	RONNING	BUTCHER	ANDERSON	PUTNAM	CARLSON	HONCHELL
	1	Bemidji	Little Falls						
1980	MADSEN	VENCEL	ENGSTRON	REIMER	BUTCHER	LEUTH	PUTNAM	CARLSON	SIMON
						Owatonna			S. St. Paul
1981	PFUTZENREUTER	WIDSETH	ENGSTRON	REIMER	ASMUS	LEUTH	ORTLOFF	CARLSON	KLEINSCHMIDT
				·			Waseca		Inver Gr. Hgts.
1982	PFUTZENREUTER	FREEBERG	DOLENTZ	BAKKEN	ASMUS	LEUTH	ORTLOFF	ADEN	KLEINSCHMIDT
	Virginia	Bemidji	St. Cloud	Detroit Lakes					
1983	PRUSAK	FREEBERG	DOLENTZ	BAKKEN	ASMUS	PLUMB	ORTLOFF	ADEN	KLEINSCHMIDT
	Cloquet					Rochester			
1984	PRUSAK	FREEBERG	DOLENTZ	BAKKEN	RUDRUD	PLUMB	MENK	ADEN	GATLIN
					Bloomington				White Bear Lk.
1985	PRUSAK	SANDERS	SCHWENINGER	BAKKEN	RUDRUD	PLUMB	MENK	RODEBERG	GATLIN
			Brainerd					Montevideo	
1986	BUSBY	SANDERS	SCHWENINGER	EDWARDS	RODROD	MURPHY	MENK	RODEBERG	GATLIN
4007	HIDDING	CANDEDO	COUNTENINGED	Fergus Falls	OTTENEMANN	Austin		BODEDEDC	RICCEPUID
1987	BUSBY	SANDERS	SCHWENINGER	EDWARDS	OTTENSMANN Coop Benide	MURPHY	HAFFIELD	RODEBERG	SIGGERUD
4000	PUEDV		MALIDED	EDWARDS	OTTENEMANN	MUDDUV		PETTENDORE	BUCCEBUD
1900	60361	Th Diver Follo		EDWARD3	OTTENSWANN	WUKFAT	HAFFIELD	Litablield	SIGGEROD
4090	DRACISICU	MALKED		MOEN	OTTENEMANN	DRAKE		PETTENDOPE	SICCEPUD
1909	Virginia	WALKEN	MAUNEN	Alexandria	OTTENSMANN	Red Wing	HAFFIELD	DETTENDORF	SIGGEROD
1990	DRACISICH	WALKER	MALIRER	MOEN	FASTUNG	DRAKE	MCCLURG	BETTENDORE	HAIDER
1330	DIGGISION	TALKER	MAUNEN		Richfield	DIVANE	New I IIm	DETTENDON	Manlewood
1991	PRUSAK		WILLIAMSON	MOEN	FASTLING	DRAKE	MCCI URG	SWANSON	HAIDER
	Cloquet	Crookston	Sauk Rapids					Willmar	
1992	PRUSAK	KILDAHL	WILLIAMSON	REIMER	EASTLING	PUTNAM	MCCLURG	SWANSON	HAIDER
				Moorhead		OWATONNA			
1993	PRUSAK	KILDAHL	WILLIAMSON	REIMER	ANDERSON	PUTNAM	SAFFERT	SWANSON	BACHMEIER
					Prior Lake		Mankato		Oakdale
1994	PRUSAK	BOELL	KREKLAU	REIMER	ANDERSON	PUTNAM	SAFFERT	VICTOR	BACHMEIER
		Bemidji	Buffalo					Marshall	
1995	HALTER	SANDERS	KREKLAU	NANSEN	ANDERSON	MALIN	SAFFERT	RODEBERG	BACHMEIER
	Grand Rapids	E. Gr. Forks		Det. Lakes		Winona		Hutchinson	
1996	HALTER	SANDERS	KREKLAU	NANSEN	BITTLE	MALIN	READ	RODEBERG	JESSUP
					Champlin		Fairmont		Woodbury
1997	HALTER	KILDAHL	WOTZKA	NANSEN	BITTLE	MALIN	READ	SARFF	JESSUP
		Crookston	Sartell,Waite Park					Litchfield	
1998	SALO	KILDAHL.	WOTZKA	SCHOONHOVEN	BITTLE	OLSON	READ	SARFF	JESSUP
<u> </u>	Hermantown			Alexandria		Albert Lea			
1999	SALO	KILDAHL	WOTZKA	SCHOONHOVEN	GUSTAFSON	OLSON	KOEHLER	SARFF	BURCH
1					Minnetonka		New Ulm		White Bear Lake

20-Sep-99

MUNICIPAL SCREENING BOARD REPRESENTATIVES

CITIES OF THE FIRST CLASS AND OFFICERS

					VICE		
YEAR	MPLS	ST. PAUL	DULUTH	CHAIR	CHAIR	SECRETARY	
1976	SORENSON	SCHNARR	DAVIDSON	MERILA	······································	ASMUS	
				Brooklyn Park		Minnetonka	
1977	SORENSON	SCHNARR	DAVIDSON	COOK	ASMUS	THENE	
				Faribault	Minnetonka	Wt. Br. Lk.	
1978	SMITH	WHEELER	DAVIDSON	ASMUS	THENE	PRIEBE	
				Minnetonka	Wt. Br. Lk.	Hutchinson	
1979	SMITH	WHEELER	DAVIDSON	PRIEBE	ADEN	BAKER	
				Hutchinson	Marshall	Mankato	
1980	SMITH	WHEELER	DAVIDSON	ADEN	BAKER	HONCHELL	
				Marshall	Mankato	Roseville	
1981	SMITH	PETERSON	DAVIDSON	BAKER	HONCHELL	SIMON	•
				Mankato	Roseville	S. St. Paul	·····
1982	HOSHAW	PETERSON	DAVIDSON	HONCHELL	SIMON	REIMER	
				Roseville	S. St. Paul	Moorhead	·
1983	HOSHAW	PETERSON	DAVIDSON	SIMON	REIMER	SPURRIER	
				S. St. Paul	Moorhead	Shakopee	
1984	HOSHAW	PETERSON	BERG	REIMER	SPURRIER	ANDERSON	·
			<u>.</u>	Moorhead	Shakopee	Prior Lake	······································
1985	HOSHAW	PETERSON	CARLSON	SPURRIER	ANDERSON	SAFFERT	
				Shakopee	Prior Lake	Mankato	······································
1986	HOSHAW	PETERSON	CARLSON	ANDERSON	SAFFERT	MOORE	
				Prior Lake	Mankato	Plymouth	· · · · · · · · · · · · · · · · · · ·
1987	HOSHAW	KUHFELD	CARLSON	SAFFERT	MOORE	RUDRUD	
				Mankato	Plymouth	Bloomington	
1988	HOSHAW	KUHFELD	CARLSON	MOORE	RUDRUD	BULLERT	
				Plymouth	Bloomington	Northfield	
1989	HOSHAW	KUHFELD	LARSON	RUDRUD	BULLERI	GRUBE	
1000			1.10001	Bloomington	Northfield	St. Louis Park	
1990	HOSHAW	KUHFELD	LARSON	BULLERI	GRUBE	EDWARDS	
1004			LADCON	Northfield	St. LOUIS Park	Fergus Falls	· · · · · · · · · · · · · · · · · · ·
1991	HUSHAW	KUHFELD	LARSON	GRUBE	EDWARDS	GRAT	
4000				St. Louis Park	Fergus Falls	Eden Prairie	·····
1992	HUSHAW	KUHFELD	LARSON	EDWARDS	GRAY	LARSON	
4002	COUDDIED			Fergus Falls	Eden Prairie		·····
1993	SPURKIER	KUHFELD	LARSON	GRAT Eden Dreizie	Duluth	SUNNENBERG	
1004	KANNANKUTTY		LARSON	LAPSON	SOMNENBERG	SIM/ANSON	
1554	TANKAN (OTT	KONFELD	LARGON	Duluth	Minnetonka	Willmar	
1005	KANNANKUTTY	ST MADTIN	LAPSON	SONNENBERG	SWANSON	BACHMEIED	
1333		OT MARYIN	LANCON	Minnetonka	Willmar	Oakdale	
1996	KANNANKUTTY	ST MARTIN	LARSON	SONNENBERG	BACHMEIER	RODEBERG	
				BACHMEIER	Oakdale	Hutchinson	
1997	KANNANKUTTY	WARN	BEEMAN	BACHMEIER	RODEBERG	ASHFELD	······································
				Oakdale	Hutchinson	Maple Grove	
1998	KANNANKUTTY	WARN	WINSON	RODEBERG	ASHFELD	HALTER	
				Hutchinson	Maple Grove	Grand Rapids	
1999	KANNANKUTTY	WARN	WINSON	ASHFELD	VACANT	David Jessup	
				Maple Grove		Woodburv	
I							

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1999 MUNICIPAL SCREENING BOARD SPRING MEETING MINUTES JUNE 2 AND 3, 1999

I. Opening by Chairman Rodeberg

The 1999 Municipal Screening Board Spring Meeting was called to order at 1:10 p.m., June 2, 1999.

A. Chairman Rodeberg Introduced:

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

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

David Sonnenberg, - Chair of the Unencumbered Construction Fund Subcommittee and Past-Past Chair, Municipal Screening Board

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

Ramankutty Kannankutty, Minneapolis – Chair of the Allocation Study Subcommittee

David Jessup, Woodbury - Secretary of the Screening Board

Tom Drake, Red Wing – Needs Study Subcommittee

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

<u>District 1</u> Dave Salo Hermantown

<u>Metro West</u> Lee Gustafson Minnetonka <u>District 6</u> David Olson Albert Lea

District 2

Crookston

David Kildahl

Metro EastDuluthMark BurchMark WinsonWhite Bear Lake

<u>District 3</u> Terry Wotzka Sauk Rapids Waite Park

Steve Koehler

District 7

New Ulm

Minneapolis

Ramankutty

Kannankutty

<u>District 4</u> Tim Schoonoven Alexandria

<u>District 8</u> Dan Sarff Litchfield

<u>St. Paul</u> Ed Warn



B. The Chair recognized Department of Transportation personnel.

Mike Pinsonneault Assistant State Aid Engineer

Mike Tardy District 1 State Aid Engineer

Kelvin Howieson District 3 State Aid Engineer

Greg Paulson District 6 State Aid Engineer

Tom Behm District State Aid Engineer

Khani Sahebjam State Aid Pre-Letting Engineer

Patti Loken

Ken Hoeschen Manager, County State Aid Needs

Lou Tasa District 2 State Aid Engineer

Tallack Johnson District 4 State Aid Engineer

Doug Haeder District 7 State Aid Engineer

Bob Brown Metro Division State Aid Engineer

Marshall Johnston Municipal State Aid Needs

Greg Felt Assistant Metro District State Aid Engineer Assistant Metro District State Aid Engineer

C. The Chair recognized others in attendance.

Mike Metso District 2 Alternate

Larry Koshak District 3 Alternate

Keith Nelson District 8 Alternate

David Kreager City of Duluth

Larry Veek City of Minneapolis Dan Sabin City of Minneapolis

Ani Mehna City of Minneapolis

Cheri Trenda Mn. T2 / LTAP, University of Minnesota

Greg Peterson City of St. Paul

- II. 1999 Municipal State Aid Needs Report
 - A. The Fall, 1998 Screening Board Minutes were presented for approval.

A motion was made to approve the minutes. Motion carried.

B. Ken Straus reviewed the Municipal Needs Report dated June, 1999.

He suggested the Board review the report in detail today and any action that is required should be taken Thursday morning. This will give Board members the evening to digest the information. Mr. Straus went through and highlighted the Municipal Needs Report. Mr. Straus noted the report includes an analysis of the unit prices during the last 10-year period.

- C. Needs Study Subcommittee Recommendations. Tom Drake, Chairman of the Needs Study Subcommittee reviewed the Subcommittee recommendations.
 - 1. MSAS Construction Cost Index The Subcommittee is recommending the use of the Municipal State Aid Annual construction costs index in calculating the unit prices.
 - 2. Unit Prices by District

The subcommittee reviewed in detail a 5-year analysis of Unit Prices by Mn/DOT districts submitted to it by the MSAS Needs Unit. Chairman Drake indicated there were greater differences in the time of the year that contracts were let than there were differences between districts. He further pointed out there were major differences between various areas or cities within the districts as well. The Subcommittee recommends the unit prices continue to be based on a state-wide basis.

3. Street Lighting Costs

After considerable discussion and investigation, the Needs Study Subcommittee is recommending street lighting needs be increased from \$20,000.00 to \$35,000.00 per mile. Needs are assigned to every mile on the MSAS system.

Considerable discussion occurred regarding the unit prices for street lighting. Various approaches to establishing the street lighting unit price were suggested. These approaches included looking at lighting needs of every roadway based upon the roadway width and traffic, developing a normalized street and use it as a basis for needs, look at both pedestrian and vehicle lighting needs, consider the type and materials of lighting desired, consider decorative lighting costs, consider AASHTO standards, consider MnDOT standards. There was general consensus that additional work needed to be performed on street lighting unit prices.

4. Reconditioning Needs For Roadways. The Needs Study Subcommittee recommended a 20-year after-the-fact negative needs adjustment when reconditioning is done on a street receiving complete needs. The adjustment would be made on a basis of need unit prices versus contract prices.

There was considerable discussion regarding what constitutes reconditioning versus other major maintenance or reconstruction procedures. Some individuals felt that negative needs are confusing. Several individuals expressed a concern that 20 years is to long of a period. Some felt the needs adjustment should be reduced to 10-years. An alternative approach should be to simply lose all needs for a 10-year period if a roadway is reconditioned.

5. Bridge Unit Prices.

The Office of State Aid and MnDOT Divisions have on-going concerns regarding the basis for establishing needs for bridge structures. They have asked that this item be laid over to the fall of 1999 so further evaluation can be preformed.

6. Improvements on County State Aid Highway Bridges. Ken Strauss recommended this item be forwarded to the Needs Subcommittee for further consideration. Ed Warn, St. Paul, stated his support for both MSAS and CSAH bridges over freeways receiving after the fact needs. On the CSAH system, a county receives an after-the-fact needs adjustment if CSAH funds are spent on a Trunk Highway bridge, while the MSAS system receives no adjustment. The issue is, should the cities which spend money on a Trunk Highway bridge, receive an adjustment. Depending upon the type of improvement which are made, this additional life expectancy may not be realized. Chairman Drake indicated the Subcommittee was concerned about the same issue. He indicated there is a question as to what is maintenance (therefore, no adjustment is received).

7. Trunk Highway Turn-backs

The question is to what extent needs should be considered for trunk highways which are turned back to a city if the roadway is still eligible for MnDOT maintenance and/or construction funding. It is the Needs Study Subcommittee recommendation this issue needs to be evaluated further. Ken Straus indicated that County State Aid Highway turn-backs can have even a greater impact on the Municipal State Aids System needs than trunk highway turn-backs.

8. General Fund Advances

Ken Straus indicated the State Aid for local transportation had determined the general fund balance could be reduced from \$35,000,000.00 to \$25,000,000.00. This made available approximately \$10,000,000.00 for advancement to cities. The allocation of these funds has been done on a first-come, first-serve basis based upon the resolutions submitted by the cities if they then in turn requested the funds within a 2-month period. There was discussion regarding how the threshold of \$25,000,000.00 was established, to what extent it considered the unencumbered fund balances of those cities having large unencumbered balances and to what extent the repayment of loans affected the analysis. Ed Warn, St. Paul stated he felt the unencumbered funds Subcommittee should look at the following sources as potential additional funds for advancement.

- 5% of contract amounts withheld until individual projects are closed out.
- The Disaster Fund which represents approximately \$4.7 million or 5% of the annual allocation.
- The Research account which is approximately ½% of the annual allocation or approximately \$500,000.00. It was suggested the Subcommittee should investigate what legislative restrictions and rules apply to these funds and what affect they might have upon the Screening Board's ability to change how these funds are utilized.
- D. Unencumbered Funds Subcommittee
 - 1. Subcommittee Chairman, David Sonnenberg has received information from 16 cities having unencumbered balances greater than 3 times their annual construction allotment. Based upon the explanations received from the various cities, the Subcommittee recommends no actions or adjustments to the individual city needs be made nor changes in the procedures be initiated. The Unencumbered Funds Subcommittee felt most cities had provided an acceptable explanation of why they have an unencumbered fund balance of greater than 3 times their annual allocation and their anticipated plans for how they will be spending this unencumbered balance.
 - 2. The Subcommittee recommends the unencumbered balances continue to be monitored.
 - 3. Advanced Funding Levels. Upon review, the unencumbered construction fund subcommittee recommends advances be limited to cities annual construction allocation rather than its annual total allocation. This will make advancement of funds available to more cities as well as the acceleration of payback of the funds advance.

E. Other Matters

- 1. Status of Municipal Traffic Counting. Ken Straus outlined the need to update the traffic counting resolution wording to reflect the option of cities counting traffic either every 2 or 4 years. This represents a housekeeping matter as a procedure to allow cities to count traffic on either 2 or 4 years has already been implemented.
- 2. Metro Division's Screening Board representative terms. The current terms for both the east and west Metro Screening Board representatives' terms expire on the same year. The question has been raised as to whether these terms should be staggered to provide better continuity of representation for the Metro area. Lee Gustafson indicated he felt it would be appropriate for the terms to be staggered to provide for better continuity.
- 3. Mark Winson expressed concern regarding the Metric to English Conversion. He indicated in many cases the conversion from metric to english units does not revert back to the original english dimensions prior to the conversion to metric. Mike Pinsonneault indicated that within several weeks, the State Aid Division hopes to have authority to administratively grant variance to address the metric to english conversion issue.

There being no more business discussion brought forward, a motion to adjourn until 8:30 Thursday morning was adopted.

Meeting adjourned 3:18 p.m.

JUNE 3, 1999 MORNING SESSION

The Screening Board reconvened at 8:05 a.m., Thursday, June 3, 1999

- III. Formal actions taken by the Screening Board.
 - Unit Price Recommendation
 Mark Burch moved to adopt the unit price recommendations contained in the June
 Municipal Screening Board data report. Motion seconded by Mark Winson.
 Motion carried.
 - B. Basis for Unit Price

A motion was made by Tim Schoonoven to accept the Needs Study Subcommittee recommendation that unit prices for the Needs Study continue to be based upon a Statewide average. Motion seconded by Dave Salo. Motion carried.

C. Recondition Needs Adjustment:

The suggested wording for the new resolution reads:

If the life of a street is extended by widening, reconditioning, or rehabilitation, while receiving complete needs, it shall continue to receive complete needs but will receive a negative needs adjustment for a period of twenty (20) years to the city's total needs. The adjustment will be computed of needs items only by multiplying the plan quantities against the needs prices in the year it was constructed.

If a concrete roadway is widened, reconditioned, or rehabilitated, it will be prorated using the bituminous needs cost. The quantities will be computed based on the needs quantity table for the segment's soil factor and projected traffic for the reconstructed surface area. The adjustment will not be made for mill and bituminous overlays and turn lanes.

The question is, should the following paragraph be added to the Reconditioning Needs Adjustment Resolution?

A street shall be considered as being adequate for 20-years from the date of resurfacing when bituminous or concrete is totally removed to the gravel base whether or not modifications were made to the base.

It was moved by Mark Winson and seconded by Steve Koehler to amend paragraph one from 20 years to 10 years and to not include the additional paragraph. Discussion followed regarding the time period negative needs are received; if less than 20% of the curb is replaced is it still considered reconditioning; the definition of "reconditioning" as it relates to other maintenance techniques; the system penalize cities who are proactive in their maintenance programs; the needs system is getting every-more complicated. Perhaps it needs to be simplified. Ed Warn moved to table the resolution and return it to the Needs Subcommittee for further consideration. Lee Gustafson seconded the motion. Motion carried. Mark Winson opposed.

D. Bridge Needs

It was moved by Ramankutty Kannankutty and seconded by Mark Burch to return the issue of bridge needs to the Needs Sub-committee for further consideration. Motion carried.

E. Street Lighting Costs

Ed Warn moved to send the street lighting unit price analysis back to the Needs Subcommittee to look further at AASHTO standards, other standards if applicable, to recommend a per-mile street lighting cost and to consider the potential use of after-the-fact needs for street lighting. Ramankutty Kannankutty seconded the motion. Discussion regarding the motion included the following:

- Keep the street lighting cost unit price calculations as simple as possible.
- Determine what a realistic amount would be for cost of street lighting.
- Establish a standard roadway street lighting as the basis for the unit prices.
- Establish a minimal lighting standard and make it a requirement for actual construction requirements.

Upon vote, the motion carried. Mark Winson and David Salo voted against the motion.

F. Trunk Highway Turnback

It was moved by Ramankutty Kannankutty, seconded by Mark Winson, to return the trunk highway turnback needs adjustments to the Needs Sub-committee for further review and study. Motion carried.

G. Unencumbered Fund Balance Adjustment

Based upon the Unencumbered Funds Subcommittee's recommendation and the explanations received by the affected cities, it was decided not to give additional adjustments to cities with over 3 times their annual allotment in their account.

H. Advanced Funding

A motion was made by Mark Burch and seconded by David Kildahl to limit annual advances to the amount of the city's annual construction allotment. Motion carried.

I. Metro District Screen Board Representation Terms It was moved by Mark Winson, Seconded by David Olson to have State Aid implement staggered terms for the Metro District Representatives when the opportunity presents itself. Motion carried. J. Traffic Counting

David Salo moved, Mark Winson seconded a motion to adopt the following resolution:

That the 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 to four years at the discretion of the city.
- 2. The cities in the out-state area may have their traffic counted and maps prepared by State forces every four years, or may elect to continue the present procedure of taking their own counts and have state forces prepare the maps.
- 3. Any city may count traffic with their own forces every two years at their discretion and expense, unless the municipality has made arrangements with the Mn/DOT district to do the count.

Motion carried.

K. Unencumbered Fund Balance / Reserve Fund
 Ed Warn moved, Lee Gustafson seconded a motion to lower the Reserve Fund
 from \$35,000,000.00 to \$25,000,000.00 for use in advancing funds to cities.

Motion carried.

Ed Warn moved, Mark Winson seconded a motion to request the Unencumbered Construction Fund Subcommittee to investigate the potential use of the following funds to increase the amount of funds available to advance.

- 1. 5% balance associated with the final report of State Aid contracts.
- 2. Can the Disaster Fund be reduced or eliminated entirely?
- 3. Should the Research account be decreased to $\frac{1}{4}\%$?

Motion carried.

- L. Other Topics
 - Closing comments by Mike Pinsonneault. Mike Pinsonneault indicated the 3 items to be investigated as part of the unencumbered balance may be set forth in law and may not be able to be modified by the Screening Board.
 - 2. Chairman Rodeberg expressed his thanks to Tom Drake, Chairman of the Needs Study Subcommittee, David Sonnenberg, Chairman of the Unencumbered Construction Fund Subcommittee, Ramankutty Kannankutty, Chair of the Allocation Study Subcommittee, members of

the respective subcommittees and the Screening Board for their excellent work.

3. Resolution of appreciation for Ken Strauss. Ed Warn moved, Ramankutty Kannankutty seconded a motion to commend Ken Strauss and show the Screening Boards appreciation for his excellent work and accomplishment in supporting the Cities and State Aid system and wishing him the very best in his retirement.

Motion carried.

- 4. Recognition and statement of appreciation for Mark Winson who will be leaving the Screening Board and wishing him well in his new employment opportunities.
- 5. Invitation to attend the joint County Engineers and Municipal Screening Board meeting scheduled to occur at 10:00 a.m.
- 6. Announcement and invitation for all to attend the Summer City Engineers Association of Minnesota Business Meeting to be held July 17th at the Radisson Hotel in Rochester, Minnesota.
- IV. Adjournment
 - A. A motion was made by Lee Gustafson and seconded by Ramankutty Kannankutty to adjourn the June 3rd Municipal Screening Board Meeting.

Motion carried.

Meeting adjourned 9:15 a.m.

Respectfully Submitted,

inn David R. Jessur, PE

MSA Screeping Board Secretary Woodbury, Director of Public Works

MILEAGE, NEEDS AND APPORTIONMENT

The amount to be allocated in 2000 is unknown at this time so an estimated amount of \$ 97,457,150 is used in this report. This is a similar amount that was used for the 1999 apportionment. The actual amount will be announced in January 2000 when the Commissioner of Transportation makes a determination of the 2000 apportionment.

The estimated Maintenance and Construction amounts are not computed in this booklet due to the city's option of receiving a minimum of \$1,500 per mile or a percentage up to a maximum of 35% of their total allocation for Maintenance. If a city desires to receive more than the minimum or make a change to their request on file to cover future maintenance, the city has to inform the State Aid Office prior to December 16 of their intention. A memo is sent prior to this date to each city engineer annually informing them of this option.

The continuous increase in M.S.A.S. mileage is due to the increase in the total improved local street mileage of which 20% is allowed for M.S.A. street designation, Trunk and County Turnbacks and the number of cities over 5,000 population.

M.S.A.S. Mileage, Needs and Apportionment 1958 to 2000

2000 figures do not include Waconia

		-14 1 87	Actual	•	Adjusted	Total	Apport-
	Number of		25 Year		25 Year	Apport-	ment Per
of			Construc-	Total	Construc-	ment	\$1000 of
Appt.	Munici-	Needs	tion	Apport-	tion	Per Needs	Adjusted
Year	palities	Mileage	Needs	ment	Needs	Mileage	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	2/40.46	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	20./310
1999	126	2859.05	1,927,808,456	97,457,150	1,981,933,166	34,087.25	24.4674
2000	127	2906.22	2,040,402,556	97,457,150	2,070,839,696	33,533.99	23.5308

* 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.

MSAS NEEDS MILEAGE COMPARISON

Difference 1999 Difference 1998 1999 1998 M.S.A.S. M.S.A.S. M.S.A.S. In M.S.A.S. In Needs Mileage Municipality Needs Needs **Mileage** Municipality Needs Mileage Mileage Mileage Mileage 0.00 Albert Lea 18.74 18.74 0.00 Farmington 11.96 11.96 1.20 Alexandria 14.12 14.39 0.27 **Fergus Falls** 23.14 24.34 5.53 5.53 0.00 33.80 33.80 0.00 **Forest Lake** Andover -0.22 Anoka 11.98 12.64 0.66 Fridley 25.24 25.02 Apple Valley 31.74 33.38 1.64 Glencoe 6.94 7.02 0.08 0.00 Arden Hills 7.41 7.41 0.00 **Golden Valley** 23.55 23.55 Austin 27.64 27.70 0.06 Grand Rapids 11.40 11.40 0.00 Baxter 12.70 12.70 0.00 Ham Lake 24.47 24.67 0.20 16.09 0.00 Bemidji 14.56 0.16 Hastings 16.09 14.40 0.00 Blaine 34.41 34.22 -0.19 Hermantown 12.99 12.99 0.57 75.36 75.35 -0.01 Hibbing 50.74 51.31 Bloomington 0.02 0.00 9.31 9.33 Brainerd 14.25 14.25 Hopkins 21.56 -0.09 Hugo 14.69 15.97 1.28 **Brooklyn Center** 21.65 46.68 46.62 -0.06 Hutchinson 14.73 14.73 0.00 **Brooklyn Park** 0.40 **International Falls** 8.06 8.06 0.00 Buffalo 9.46 9.86 43.70 43.70 0.00 **Inver Grove Heights** 23.86 23.86 0.00 Burnsville 1.53 Lake Elmo 11.48 11.87 0.39 Cambridge 9.21 10.74 0.00 Lakeville 43.59 47.64 4.05 Champlin 17.01 17.01 0.00 Chanhassen 21.19 20.87 -0.32 Lino Lakes 18.67 18.67 Litchfield 8.58 0.49 Chaska 14.87 15.30 0.43 8.09 Chisholm 0.00 Little Canada 8.01 10.94 2.93 7.99 7.99 Cloquet 20.12 20.14 0.02 Little Falls 15.67 15.67 0.00 Columbia Heights 12.53 12.53 0.00 Mahtomedi 8.22 8.33 0.11 40.97 40.97 0.00 Mankato ** 29.32 29.32 0.00 Coon Rapids 0.00 **Maple Grove** 41.99 45.09 3.10 Corcoran 14.72 14.72 Cottage Grove 29.41 30.24 0.83 Maplewood 23.91 25.48 1.57 0.00 11.46 11.53 0.07 Marshall 14.88 14.88 Crookston 0.00 0.00 Mendota Heights 13.51 13.51 Crystal 17.88 17.88 0.00 Minneapolis 194.41 202.12 7.71 Dayton 9.28 9.28 0.00 Minnetonka 49.90 49.89 -0.01 Detroit Lakes 12.41 12.41 8.58 0.00 Duluth 105.89 111.31 5.42 Montevideo 8.58 Eagan 0.00 0.00 46.13 46.13 Monticello 7.80 7.80 28.48 28.94 0.46 26.58 1.10 Moorhead ** East Bethel 25.48 7.74 7.74 0.00 East Grand Forks 12.48 12.48 0.00 Morris 0.00 Mound 8.05 8.05 0.00 Eden Prairie 42.66 42.66 0.00 9.82 Edina 39.36 39.36 0.00 **Mounds View** 9.82 0.00 Elk River 25.78 26.17 0.39 **New Brighton** 14.95 14.95 0.00 12.70 12.70 0.00 Fairmont 19.41 19.41 **New Hope** 14.16 15.33 1.17 Falcon Heights 2.54 0.00 New Ulm 2.54 0.00

Waconia's Mileage is Not Certified

** The total of these cities shows a reduction for one way mileage that is considered as 1/2 mileage

0.16

North Branch

20.89

20.89

22.06

Faribault

22.22

	1998	1999	Difference
	M.S.A.S.	M.S.A.S.	· In
Municipality	Needs	Needs	Mileage
	Mileage	Mileage	
North Mankato	12.56	13.06	0.50
North St. Paul	10.68	10.68	0.00
Northfield	12.06	12.06	0.00
Oak Grove	19.50	19.50	0.00
Oakdale	16.72	16.72	0.00
Orono	12.58	12.58	0.00
Otsego	13.61	13.61	0.00
Owatonna	17.50	17.00 E1.66	1.61
Piymouui Prior Loko	15 14	15 14	0.00
FILUI LANE.	10.14	10.14	0.00
Ramsev	29.18	29.18	0.00
Red Wing **	22.24	22.93	0.69
Redwood Falls	7.87	7.87	0.00
Richfield	26.22	25.49	-0.73
Robbinsdale	10.10	10.10	0.00
Rochester	60.48	60.48	0.00
Rosemount	22.32	21.45	-0.87
Roseville	28.60	28.60	0.00
St. Anthony	5.63	5.63	0.00
St. Cloud	52.22	51.97	-0.25
Cé Lauis Dark	20.02	20 65	0.27
St. Louis Park	20.92	20.00	-0.27
St. Michael	14.77	14.77	0.00
St Paul ""	104.32	104.13	-0.19
St. Paul Park	0.00	0.00 10.50	0.00
SL Peter	11.70	12.00	0.05
Sartell	7.63	8.46	0.83
Sauk Rapids	10.17	10.17	0.00
Savage	16.36	16.85	0.49
Shakopee	19.48	19.98	0.50
Shoreview	16.75	16.75	0.00
Shorewood	8.24	8.24	0.00
South St. Paul	16.32	16.32	0.00
Spring Lake Park	5.25	5.34	0.09
Stewartville	3.54	3.54	0.00
Sullwater	14.02	14.02	0.00
Thief River Falls	13.99	14.66	0.67
Vadnais Heights	7.43	8.32	0.89
Virginia	12.33	13.67	1.34
Waconia	0.00	5.52	5.52
Waite Park	6.45	6.48	0.03
	- ·-	.	
Waseca	6.42	6.42	0.00
west St. Paul	13.10	13.10	0.00
White Bear Lake	19.22	19.60	0.38
Willmar	23.90	23.90	0.00
Winona	21.75	21.75	0.00
Woodhury	40.16	43 22	3.06
Worthington	9.81	9.81	0.00
TOTAL	2859.05	2911.74	52.69

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THEORETICAL 2000 M.S.A.S. POPULATION APPORTIONMENT

The State Demographer's and Metropolitan Council's 1998 population estimates along with the Federal Census will be used to allocate 50% of the funds in the 2000 apportionment.

The estimate was used to compute the projected 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.

Fifty percent of the total sum is distributed on a prorated share that each city population bears to the total population. Each city will earn approximately \$15.40 per capita in apportionment from the 2000 population apportionment distribution. This projection will be somewhat revised when the actual revenue for the 2000 apportionment becomes available or if additional cities should exceed 5,000 population prior to January 1, 2000.

The following adjustments were made to the 1990 census and the 1998 estimate due to annexations.

Grand Rapids	+ 3	Mankato	+ 4
New Ulm	+ 8	Rochester	+40
Thief River Falls	+10		

The following portion to the Statute was passed in 1997:

The population of a city that is not receiving a municipal state-aid apportionment shall be determined, upon request of the city, by the most recent population estimate of the metropolitan council or the state demographer. A municipal state-aid street fund apportionment received by the city must be based on this population estimate until the next federal census or special census.

Waconia was the only city added by the 1998 estimate.

POPULATION SUMMARY

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

N:MSAS/EXCEL/FALL BOOK - 1999/TENTATIVE POPULATION SUMMARY FALL 1999.XLS

										Difference	
							Difference	Difference	Difference	between	Population
	and a second	1990	1995	1996	1997	1998	between	between	between	98 Estimate	to be used
		or Special	Population	Population	Population	Population	95 & 96	96 & 97	97 & 98	&	for 2000
	Municipality	Census	Estimate	90 Census	Allocation						
***	Albert Lea	18,313	18,207	18,185	18,009	17,953	(22)	(176)	(56)	(360)	18,313
	Alexandria	8,139	8,274	8,348	8,515	8,599	74	167	84	460	8,599
	Andover	15,216	20,497	21,495	22,369	23,213	998	874	844	7,997	23,213
	Anoka	17,192	17,533	17,693	17,831	17,964	160	138	133	772	17,964
	Apple Valley	34,598	40,684	41,578	42,617	43,468	894	1,039	851	8,870	43,468
	Arden Hills	9,199	9,560	9,678	9,692	9,737	118	14	45	538	9,737
	Austin	21,961	22,055	22,086	22,016	22,028	31	(70)	12	67	22,028
****	Baxter	5,021			5,021	5,189	·····	5,021	168	168	5,189
	Bemidji	11,560	11,422	11,509	12,074	12,090	87	565	16	530	12,090
	Blaine	38,975	42,268	43,029	43,847	44,852	761	818	1,005	5,877	44,852
	Bloomington	86,335	86,912	87,292	87,370	87,476	380	78	106	1,141	87,476
	Brainerd	12,825	12,579	12,591	13,163	13,183	12	572	20	358	13,183
***	Brooklyn Center	28,887	28,463	28,502	28,515	28,535	39	13	20	(352)	28,887
	Brooklyn Park	56,381	59,832	61,297	62,499	63,940	1,465	1,202	1,441	7,559	63,940
	Buffalo	7,302	7,994	9,114	9,324	9,675	1,120	210	351	2,373	9,675
	Burnsville	51,288	55,550	56,952	57,578	58,705	1,402	626	1,127	7,417	58,705
	Cambridge	5,119	5,325	5,356	5,337	5,334	31	(19)	(3)	215	5,334
	Champlin	16,849	19,154	19,838	20,307	20,385	684	469	78	3,536	20,385
	Chanhassen	11,736	15,231	16,199	16,917	17,381	968	718	464	5,645	17,381
	Chaska	11,339	14,000	14,370	14,817	15,361	370	447	544	4,022	15,361
***	Chisholm	5,290	5,170	5,167	5,141	5,118	(3)	(26)	(23)	(172)	5,290
	Cloquet	10,885	11,160	11,164	11,180	11,154	4	16	(26)	269	11,154
***	Columbia Heights	18,910	18,681	18,683	18,699	18,699	2	16	0	(211)	18,910
	Coon Rapids	52,978	59,981	60,703	61,260	61,904	722	557	644	8,926	61,904
	Corcoran	5,199	5,549	5,615	5,698	5,698	66	83	0	499	5,698
	Cottage Grove	22,935	27,726	29,031	30,094	30,630	1,305	1,063	536	7,695	30,630
***	Crookston	8,119	8,135	8,152	8,116	8,137	17	(36)	21	18	8,137
***	Crystal	23,788	23,661	23,667	23,651	23,677	6	(16)	26	(111)	23,788
*****	Dayton	5,058		5,058	5,122	5,144	5,058	64	22	86	5,144
	Detroit Lakes	7,151	7,317	7,324	7,316	7,368	7	(8)	52	217	7,368
***	Duluth	85,493	85,665	85,511	85,225	85,249	(154)	(286)	24	(244)	85,493

21 -

				ne - Carlor Carlor (Carlor) Carlor (Carlor)					na in chuir an an Araile Tarih an Araile	Difference	
							Difference	Difference	Difference	between	Population
		1990	1995	1996	1997	1998	between	between	between	98 Estimate	to be used
		or Special	Population	Population	Population	Population	95 & 96	96 & 97	97 & 98	8	for 2000
	Municipality	Census	Estimate	Estimate	Estimate	Estimate	Estimate -	Estimate	Estimate	90 Census	Allocation
	Eagan	47,409	56,681	57,757	59,021	60,073	1,076	1,264	1,052	12,664	60,073
	East Bethel	8,050	8,995	9,172	9,723	10,055	177	551	332	2,005	10,055
	East Grand Forks	8,658	8,983	9,003	9,048	8,044	20	45	(1,004)	(614)	8,658
	Eden Prairie	39,311	46,310	47,840	49,287	50,681	1,530	1,447	1,394	11,370	50,681
	Edina	46,075	46,845	47,029	47,113	47,235	184	84	122	1,160	47,235
	Elk River	11,143	13,286	14,019	14,667	15,714	733	648	1,047	4,571	15,714
	Fairmont	11,265	11,340	11,337	11,339	11,316	(3)	2	(23)	51	11,316
	Falcon Heights	5,380	5,355	5,384	5,389	5,386	29	5	(3)	6	5,386
	Faribault	17,090	18,727	18,838	19,016	19,177	111	178	161	2,087	19,177
	Farmington	5,943	7,708	8,770	9,763	10,563	1,062	993	800	4,620	10,563
	Fergus Falls	12,701	12,876	13,079	13,217	13,224	203	138	7	523	13,224
	Forest Lake	6,008	6,538	6,641	6,691	6,808	103	50	117	800	6,808
	Fridley	28,335	28,204	28,267	28,419	28,626	63	152	207	291	28,626
	Glencoe	5,196	5,196	5,196	5,247	5,306	0	51	59	110	5,306
	Golden Valley	20,971	20,911	20,870	20,986	21,001	(41)	116	15	30	21,001
	Grand Rapids	7,979	8,159	8,366	8,434	8,498	207	68	64	519	8,498
	Ham Lake	8,924	10,243	11,030	11,567	12,029	787	537	462	3,105	12,029
	Hastings	15,478	16,392	16,920	17,268	17,626	528	348	358	2,148	17,626
	Hermantown	6,761	7,093	7,133	7,182	7,211	40	49	29	450	7,211
	Hibbing	18,046	17,857	17,824	17,783	17,720	(33)	(41)	(63)	(326)	18,046
	Hopkins	16,529	16,573	16,665	16,559	16,887	92	(106)	328	358	16,887
	Hugo	5,223	5,324	5,625	5,820	5,867	301	195	47	644	5,867
	Hutchinson	11,502	12,505	12,587	12,753	12,989	82	166	236	1,487	12,989
	International Falls	8,301	7,828	7,810	7,751	7,704	(18)	(59)	(47)	(597)	8,301
	Inver Grove Heights	22,477	26,012	26,981	27,917	29,151	969	936	1,234	6,674	29,151
	Lake Elmo	5,876	6,148	6,192	6,328	6,493	44	136	165	617	6,493
	Lakeville	33,274	34,292	36,002	37,303	38,506	1,710	1,301	1,203	5,232	38,506
_	Lino Lakes	8,807	13,097	13,756	14,560	15,053	659	804	493	6,246	15,053
	Litchfield	6,090	6,133	6,138	6,278	6,276	5	140	(2)	186	6,276
	Little Canada	8,971	9,337	9,469	9,564	9,626	132	95	62	655	9,626
	Little Falls	7,388	7,595	7,647	7,670	7,660	52	23	(10)	272	7,660
	Mahtomedi	5,633	6,543	6,865	7,097	7,282	322	232	185	1,649	7,282
<u></u>	Mankato	31,421	31,977	32,000	31,850	32,066	23	(150)	216	645	32,066
	Maple Grove	38,736	44,313	44,996	46,181	47,164	683	1,185	983	8,428	47,164
	Maplewood	30,954	33,533	34,008	34,771	35,355	475	763	584	4,401	35,355

			enin an an tha firm ann				DI	N#		Difference	D
		4000	1005	1000	1007	4000	Dimerence	Dimerence	Difference	Detween	Population
		1990	1995	1996	1997	1998 Decule#	Detween		Detween	98 Estimate	to de used
		or Special	Population	Population	Population	Population	95 & 96	- 96 & 97	97 & 98	64 00 C	10r 2000
	wunnerpanty	Census	Estimate	Estimate	Esumate	Estimate	Esuillate		Estimate	- 90 Census	Anocation
ļ	Marshall	12,023	12,331	12,348	12,542	12,686	1/	194	144	663	12,686
	Mendota Heights	9,388	10,757	10,856	10,991	10,293	99	135	(698)	905	10,293
	Minneapolis	368,383	365,889	364,382	362,090	360,591	(1,507)	(2,292)	(1,499)	(7,792)	368,383
	Minnetonka	48,370	50,927	51,607	52,176	52,691	680	569	515	4,321	52,691
	Montevideo	5,499	5,505	5,524	5,516	5,377	19	(8)	(139)	(122)	5,499
ļ	Monticello	5,045	5,885	6,334	6,749	7,079	449	415	330	2,034	7,079
	Moorhead	32,295	33,675	33,800	33,812	33,928	125	12	· 116	1,633	33,928
	Morris	5,613	5,627	5,663	5,739	5,686	36	76	(53)	73	5,686
	Mound	9,634	9,584	9,695	9,742	9,778	111	47	36	144	9,778
	Mounds View	12,541	12,561	12,789	12,854	12,859	228	65	5	318	12,859
	New Brighton	22,207	22,538	22,584	22,768	22,854	46	184	86	647	22,854
***	New Hope	21,853	21,646	21,698	21,658	21,610	52	(40)	(48)	(243)	21,853
L	New Ulm	13,140	13,628	13,881	14,001	14,018	253	120	17	878	14,018
****	North Branch	5,140	5,354	5,726	6,079	6,344	372	353	265	1,204	6,344
L	North Mankato	10,672	11,340	11,566	11,683	11,764	226	117	81	1,092	11,764
	North St. Paul	12,376	12,813	12,764	12,780	12,801	(49)	16	21	425	12,801
L	Northfield	14,684	15,667	15,859	16,051	16,206	192	192	155	1,522	16,206
****	Oak Grove	5,488	6,097	6,254	6,436	6,572	157	182	136	1,084	6,572
	Oakdale	18,403	23,835	24,862	25,419	26,061	1,027	557	642	7,658	26,061
	Orono	7,285	7,476	7,577	7,671	7,702	101	94	31	417	7,702
	Otsego	5,380	6,283	6,391	6,448	6,570	108	57	122	1,190	6,570
	Owatonna	19,386	20,433	20,577	20,920	21,186	144	343	266	1,800	21,186
	Plymouth	50,889	58,960	60,344	61,620	62,979	1,384	1,276	1,359	12,090	62,979
	Prior Lake	11,485	13,129	13,522	14,319	14,687	393	797	368	3,202	14,687
	Ramsey	12,408	15,805	16,431	17,372	18,079	626	941	707	5,671	18,079
	Red Wing	15,134	15,701	15,770	15,792	15,854	69	22	62	720	15,854
****	Redwood Falls	5,074	5,134	5,164	5,209	5,226	30	45	17	152	5,226
***	Richfield	35,710	35,237	34,672	34,470	34,261	(565)	(202)	(209)	(1,449)	35,710
***	Robbinsdale	14,396	14,206	14,196	14,179	14,149	(10)	(17)	(30)	(247)	14,396
	Rochester	71,131	76,559	77,219	78,291	80,226	660	1,072	1,935	9,095	80,226
	Rosemount	8,622	11,721	12,272	12,772	13,146	551	500	374	4,524	13,146
	Roseville	33,485	33,942	34,014	34,194	34,306	72	180	112	821	34,306
	St. Anthony	7,727	8,362	8,400	8,425	8,419	38	25	(6)	692	8,419
	St. Cloud	56,954	58,566	58,646	59,202	59,584	80	556	382	2,630	59,584
	St. Louis Park	43,787	43,568	43,967	43,967	44,244	399	0	277	457	44,244

Mun **** St. M *** St. F ***** St. F St. F Sart Saul Sava Shal Shoi Shoi Shoi Shoi										Dimerence	
Mun **** St. N *** St. F ***** St. F St. F Saul Sava Saul Sava Shol Shol Shol Shol Shol Shol						New York of the Action of the Control of the Contro	Difference	Difference	Difference	hotwaan	Deputation
Mun **** St. M *** St. F **** St. F St. F Sarta Sava Shal Shoi Shoi Sout Sprid		1000	1005	1006	1007	1008	batwoon	Difference	Difference	08 Ectimoto	to be used
Mun **** St. N **** St. F ***** St. F St. F St. F St. F Sart Sau Sava Shal Shoi Shoi Shoi Shoi Shoi Shoi Shoi Shoi		or Special	Pepulation	Population	Population	Population	Detween	96 8 97		90 EStimate. 2	for 2000
**** St. M *** St. F ***** St. F St. F Saul Sava Saul Sava Shol Shol Shol Shol Shol Shol	nicinality	Census	Estimate	Fopulation	Estimate	Estimate	Estimate	Estimate	- 57 & 50 Estimate	90 Census	Allocation
st. k *** St. F St. F Sart Sau Sava Shal Shoi Shoi Shoi Shoi	Michael	5 867	6 550	6 875	7 262	7 6/3	216	287	381	1 776	7 6/3
st. F St. F St. F Sart Sau Sava Shal Shoi Shoi Shoi Shoi	Poul	272.225	271 120	270 441	7,202	7,043	(670)	(905)	(060)	(2.569)	7,043
St. F St. F Sart Saul Sava Shal Shoi Shoi Soul		<u> </u>	271,120	5 024	209,030	200,007	<u> </u>	(603)	(808)	(3,366)	£12,230
St. F Sart Sau Sava Sha Sho Sho Sho Sho	Paul Park	5,024	0.033	0,024	5,024	5,040	5,024	(1)		22	5,040
Sart Sau Sava Shal Shoi Shoi Sout Sprii	Peter	9,401	9,833	9,709	9,700	9,191	(44)	(1)	9	2 925	9,797
Sau Sava Shal Shoi Shoi Sout Sprii	ten It Depide	3,720	7,003	7,540	0,124	0,551	4/7	204	427	2,025	6,001
Sava Shal Shoi Shoi Sout Sprii	ik Rapids	7,825	9,216	9,318	9,460	9,590	102	142	130	1,700	9,590
Snai Shoi Shoi Sout Sprii	/age	9,906	14,444	15,152	16,002	17,040		1 010	1,038	7,134	17,040
Shoi Shoi Sout Sprii	корее	11,739	13,752	14,292	15,311	16,043	540	1,019		4,304	16,043
Shoi Sout Sprii	preview	24,587	26,049	26,118	26,378	26,427	69	260		1,840	26,427
Sout Sprii	prewood	5,913	6,794	6,889	6,955	7,008	95	66	53	1,095	7,008
Sprii	th St. Paul	20,197	20,255	20,211	20,284	20,268	(44)	/3	(16)	71	20,268
	ing Lake Park	6,532	6,717	6,742	7,061	7,113	25	319	52	581	7,113
***** Stev	wartville	5,032		5,032	5,111	5,222	5,032	79	111	190	5,222
Stillv	water	13,972	15,739	15,906	16,069	16,133	167	163	64	2,161	16,133
Thie	ef River Falls	8,020	8,053	8,285	8,333	8,344	232	48	11	324	8,344
Vadi	Inais Heights	11,041	12,342	12,895	13,069	13,284	553	174	215	2,243	13,284
*** Virgi	ginia	9,431	9,173	9,169	9,126	9,100	(4)	(43)	(26)	(331)	9,431
***** Wac	conia					5,309			5,309	5,309	5,309
Wait	ite Park	5,460	5,922	5,970	6,087	6,190	48	117	103	730	6,190
Was	seca	8,385	8,263	8,434	8,740	8,816	171	306	76	431	8,816
Wes	st St. Paul	19,248	19,421	19,450	19,496	19,521	29	46	25	273	19,521
Whit	ite Bear Lake	24,622	25,849	26,017	26,152	26,485	168	135	333	1,863	26,485
Willr	lmar	17,610	18,688	18,658	18,831	18,889	(30)	173	58	1,279	18,889
Wind	nona	26,286	26,623	26,612	26,683	26,590	(11)	71	(93)	304	26,590
* Woo	odbury	26,900	31,258	33,426	35,720	38,845	2,168	2,294	3,125	11,945	38,845
Wor	while at a p	9 977	10 260	10 411	10 461	10 304	151	50	(157)	327	10 304
ТО	riningion	3,377	10,200	10,111	10,101	10,001		••	(101)	027	10,001

* Took special census after the 1990 census.

Т

** 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.

TENTATIVE POPULATION APPORTIONMENT

The 1990 Census and the 1998 Estimate includes population increases or decreases due to annexations or detachments.

N:WSAS/EXCEL/FALL BOOK - 1999/	TENTATIVE POPULATION A	PORTIONMENT FOR 2000	XLS			
			1999	Tentative		
	-Population	Population	Appt	2000 Appt.	Difference	
	Used for	to be used	Using 1990	Using 1990	Between	%
	1999	for 2000	Census or	Census or	99 & 2000	Increase
Municipality	Allocation	Allocation	97 Estimate	98 Estimate	Apport	(Decrease)
Albert Lea	18,313	18,313	\$285,549	\$281,948	(\$3,601)	-1.2611
Alexandria	8,515	8,599	132,772	132,391	(381)	-0.2870
Andover	22,369	23,213	348,793	357,389	8,596	2.4645
Anoka	17,831	17,964	278,034	276,575	(1,459)	-0.5248
Apple Valley	42,617	43,468	664,514	669,237	4,723	0.7107
Arden Hills	9,692	9,737	151,124	149,912	(1,212)	-0.8020
Austin	22,016	22,028	· 343,289	339,145	(4,144)	-1.2071
Baxter	5,021	5,189	78,291	79,890	1,599	2.0424
Bemidji	12,074	. 12,090	188,266	186,139	(2,127)	-1.1298
Blaine	43,847	44,852	683,693	690,545	6,852	1.0022
Bloomington	87,370	87,476	1,362,335	1,346,788	(15,547)	-1.1412
Brainerd	13,163	13,183	205,247	202,967	(2,280)	-1.1109
Brooklyn Center	28,887	28,887	450,426	444,747	(5,679)	-1.2608
Brooklyn Park	62,499	63,940	974,528	984,426	9,898	1.0157
Buffalo	9,324	9,675	145,386	148,957	3,571	2.4562
Burnsville	57,578	58,705	897,797	903,827	6,030	0.6716
Cambridge	5,337	5,334	83,218	82,123	(1,095)	-1.3158
Champlin	20,307	20,385	316,641	313,849	(2,792)	-0.8818
Chanhassen	16,917	17,381	263,782	267,599	3,817	1.4470
Chaska	14,817	15,361	231,037	236,499	5,462	2.3641
Chisholm	5,290	5,290	82,485	81,445	(1,040)	-1.2608
Cloquet	11,180	11,154	174,326	171,728	(2,598)	-1.4903
Columbia Heights	18,910	18,910	294,858	291,140	(3,718)	-1.2609
Coon Rapids	61,260	61,904	955,209	953,079	(2,130)	-0.2230
Corcoran	5,698	5,698	88,847	87,727	(1,120)	-1.2606
Cottage Grove	30,094	30,630	469,247	471,582	2,335	0.4976
Crookston	8,119	8,137	126,597	125,278	(1,319)	-1.0419
Crystal	23,788	23,788	370,919	366,242	(4,677)	-1.2609
Dayton	5,122	5,144	79,866	79,197	(669)	-0.8377
Detroit Lakes	7,316	7,368	- 114,076	113,438	(638)	-0.5593
Duluth	85,493	85,493	1,333,067	1,316,257	(16,810)	-1.2610
Eagan	59,021	60,073	920,297	924,889	4,592	0.4990
East Bethel	9,723	10,055	151,608	154,808	3,200	2.1107
East Grand Forks	9,048	8,658	141,083	133,299	(7,784)	-5.5173
Eden Prairie	49,287	50,681	768,518	780,289	11,771	1.5316

		Tentative	1999	Tentative		
	Population Used for	Population to be used	Appt Using 1990	2000 Appt. Using 1990	Difference Between	%
	1999	for 2000	Census or	Census or	99 & 2000	Increas
Municipality	Allocation	Allocation	97 Estimate	98 Estimate	Apport.	(Decreas
Edina	47,113	47,235	\$734,619	\$727,234	(\$7,385)	-1.005
Elk River	14,667	15,714	228,698	241,934	13,236	5.787
Fairmont	11,339	11,316	176,806	174,222	(2,584)	-1.461
Falcon Heights	5,389	5,386	84,029	82,923	(1,106)	-1.316
Faribault	19,016	19,177	296,511	295,251	(1,260)	-0.424
Farmington	9,763	10,563	152,232	162,629	10,397	6.829
Fergus Falls	13,217	13,224	206,089	203,598	(2,491)	-1.208
Forest Lake	6,691	6,808	104,331	104,817	486	0.465
Fridley	28,419	28,626	443,129	440,728	(2,401)	-0.541
Glencoe	5,247	5,306	81,815	81,692	(123)	-0.150
Golden Valley	20,986	21,001	327,229	323,333	(3,896)	-1.190
Grand Rapids	8,434	8,498	131,509	130,836	(673)	-0.511
Ham Lake	11,567	12,029	180,361	185,199	4,838	2.682
Hastings	17,268	17,626	269,255	271,371	2,116	0.785
Hermantown	7,182	7,211	111,987	111,021	(966)	-0.862
Hibbing	18,046	18,046	281,386	277,838	(3,548)	-1.260
Hopkins	16,559	16,887	258,200	259,994	1,794	0.694
Hugo	5,820	5,867	90,750	90,329	(421)	-0.463
Hutchinson	12,753	12,989	198,854	199,980	1,126	0.566
International Falls	8,301	8,301	129,435	127,803	(1,632)	-1.260
Inver Grove Heights	27,917	29,151	435,302	448,811	13,509	3.103
Lake Elmo	6,328	6,493	98,671	99,967	1,296	1.313
Lakeville	37,303	38,506	581,655	592,842	11,187	1.923
Lino Lakes	14,560	15,053	227,030	231,757	4,727	2.082
Litchfield	6,278	6,276	97,891	96,626	(1,265)	-1.292
Little Canada	9,564	9,626	149,129	148,203	(926)	-0.620
Little Falls	7,670	7,660	119,596	117,934	(1,662)	-1.389
Mahtomedi	7,097	7,282	110,661	112,114	1,453	1.313
Mankato	31,850	32,066	496,628	493,691	(2,937)	-0.591
Maple Grove	46,181	47,164	720,087	726,141	6,054	0.840
Maplewood	34,771	35,355	542,174	544,329	\$2,155	0.397
Marshall	12,542	12,686	195,564	195,315	(249)	-0.127
Mendota Heights	10,991	10,293	1/1,3/9	158,472	(12,907)	-7.531
Minneapolis	368,383	368,383	5,744,087	5,671,656	(72,431)	-1.261
Minnetonka	52,176	52,691	813,565	811,235	(2,330)	-0.286
Montevideo	5,516	5,499	86,009	84,663	(1,346)	-1.565
Monticello	6,749	7,079	105,235	108,989	3,754	3.567
Moorhead	33,812	33,928	527,221	522,358	(4,863)	-0.922
Morris	5,739	5,686	89,487	87,542	(1,945)	-2.173
Mound	9,742	9,778	151,904	150,543	(1,361)	-0.896
Mounds View	12,854	12,859	200,429	197,978	(2,451)	-1.222
New Brighton	22,768	22,854	355,015	351,862	(3,153)	-0.888

		Tentative	1999	Tentative		
	Population	Population	Appt	2000 Appt.	Difference	
	Used for	to be used	Using 1990	Using 1990	Between	· · · · · · · · · · · · · · · · · · ·
	1999	for 2000	Census or	Census or	99 & 2000	Increase
Municipality	Allocation	Allocation	97 Estimate	98 Estimate	Apport	(Decrease)
New Hope	21,853	21,853	\$340,747	\$336,451	(\$4,296)	-1.2608
New Ulm	14,001	14,018	218,313	215,822	(2,491)	-1.1410
North Branch	6,079	6,344	94,788	97,673	2,885	3.0436
North Mankato	11,683	11,764	182,170	181,120	(1,050)	-0.5764
North St. Paul	12,780	12,801	199,275	197,085	(2,190)	-1.0990
Northfield	16,051	16,206	250,279	249,509	(770)	-0.3077
Oak Grove	6,436	6,572	100,355	101,183	828	0.8251
Oakdale	25,419	26,061	396,351	401,237	4,886	1.2327
Orono	7,671	7,702	119,612	118,581	(1,031)	-0.8620
Otsego	6,448	6,570	100,542	101,152	610	0.6067
Owatonna	20,920	21,186	326,199	326,181	(18)	-0.0055
Plymouth	61,620	62,979	960,822	969,630	8,808	0.9167
Prior Lake	14,319	14,687	223,272	226,122	2,850	1.2765
Ramsey	17,372	18,079	270,876	278,346	7,470	2.7577
Red Wing	15,792	15,854	246,240	244,090	(2,150)	-0.8731
Redwood Falls	5,209	5,226	81,222	80,460	(762)	-0.9382
Richfield	35,710	35,710	556,815	549,794	(7,021)	-1.2609
Robbinsdale	14,396	14,396	224,473	221,642	(2,831)	-1.2612
Rochester	78,291	80,226	1,220,768	1,235,166	14,398	1.1794
Rosemount	12,772	13,146	199,150	202,397	3,247	1.6304
Roseville	34,194	34,306	533,177	528,178	(4,999)	-0.9376
St. Anthony	8,425	8,419	131,369	129,620	(1,749)	-1.3314
St. Cloud	59,202	59,584	923,119	917,360	(5,759)	-0.6239
St. Louis Park	43,967	44,244	685,564	681,184	(4,380)	-0.6389
St. Michael	7,262	7,643	113,234	117,672	4,438	3.9193
St. Paul	272,235	272,235	4,244,880	4,191,353	(53,527)	-1.2610
St. Paul Park	5,024	5,046	78,338	77,689	(649)	-0.8285
St. Peter	9,788	9,797	152,621	150,835	(1,786)	-1.1702
Sartell	8,124	8,551	126,675	131,652	4,977	3.9290
Sauk Rapids	9,460	9,590	147,507	147,648	141	0.0956
Savage	16,002	17,040	249,514	262,349	12,835	5.1440
Shakopee	15,311	16,043	238,740	246,999	8,259	3.4594
Shoreview	26,378	26,427	411,304	406,872	(4,432)	-1.0775
Shorewood	6,955	7,008	108,447	107,896	(551)	-0.5081
South St. Paul	20,284	20,268	316,282	312,048	(4,234)	-1.3387
Spring Lake Park	7,061	7,113	110,100	109,512	(588)	-0.5341
Stewartville	5,111	5,222	79,694	80,398	704	0.8834
Stillwater	16,069	16,133	250,559	248,385	(2,174)	-0.8677
Thief River Falls	8,333	8,344	129,934	128,465	(1,469)	-1.1306
Vadnais Heights	13,069	13,284	203,781	204,522	741	0.3636
Virginia	9,431	9,431	147,055	145,200	(1,855)	-1.2614
Waconia		5,309	0	81,738	81,738	100.0000

Municipality	Population Used for 1999 Allocation	Tentative Population to be used for 2000 Allocation	1999 Appt Using 1990 Census or 97 Estimate	Tentative 2000 Appt. Using 1990 Census or 98 Estimate	Difference Between 99 & 2000 Apport.	% Increase (Decrease
Waite Park	6,087	6,190	\$94,913	\$95,302	\$389	0.4098
Waseca	8,740	8,816	136,280	135,732	(548)	-0.4021
West St. Paul	19,496	19,521	303,995	300,547	(3,448)	-1.1342
White Bear Lake	26,152	26,485	407,780	407,765	(15)	-0.0037
Willmar	18,831	18,889	293,626	290,817	(2,809)	-0.9567
Winona	26,683	26,590	416,061	409,382	(6,679)	-1.6053
Woodbury	35,720	38,845	556,972	598,061	41,089	7.3772
Worthington	10,461	10,304	163,116	158,642	(4,474)	-2.7428
TOTAL	3,125,088	3,164,998	\$48,728,575	\$48,728,575	\$0-	0.0000

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

1999	<u>\$48,728,575</u> 3,125,088	Equals	15.59270491 Per person
2000	<u>\$48,728,575</u> 3,164,998	Equals	15.39608398 Per person

The population difference between 1999 and 2000 for allocation purposes is 39,910.

1999 Needs Study Update

The following tabulation reflects the total difference between the 1998 and the 1999 25-year construction (money) needs study. This update was accomplished in three individual steps to measure the effect each type of revision has to the total needs.

- 1. Accomplishments and system revisions -- Reflects need changes due to construction, the addition of 20 year reinstatement and the addition of needs for new street designations or a reduction for revocations.
- 2. 1999 Traffic Count Update -- is the result of the 1998 traffic counts updated in 1999.
- 3. 1999 Unit Cost Revisions -- measures the effect on the needs between last years unit prices to the unit prices approved by the Screening Board at the 1999 Spring Meeting.

The resulting 1999 25-year Construction Needs as adjusted in the "Tentative Determination of Construction (Money) Needs Apportionment" will be used in computing the 2000 Construction (money) needs apportionment.

1999 M.S.A.S NEEDS STUDY UPDATE

(Does not include Waconia)

	1998	Accomplish.		Unit Unit	1999		% Change
	Construction	& System	Traffic	Price	Construction	Net	1998 to
Municipality	Needs	Revisions	Update	Update	Needs	Change	1999
Albert Lea	\$12,221,563	\$288,539	\$0	\$682,586	\$13,192,688	\$971,125	7.9460
Alexandria	8,053,165	(268,743)	75,917	423,039	8,283,378	230,213	2.8587
Andover	16,775,098	(818,782)	0	869,803	16,826,119	51,021	0.3041
Anoka	5,911,349	1,547,699	0	351,785	7,810,833	1,899,484	32.1328
Apple Valley	18,165,646	2,448,901	. 0	1,010,744	21,625,291	3,459,645	19.0450
Arden Hills	4,783,080	201,917	0	226,155	5,211,152	428,072	8.9497
Austin	23,243,270	979,869	0	903,315	25,126,454	1,883,184	8.1021
Baxter	9,363,100	0	0	377,391	9,740,491	377,391	4.0306
Bemidji	8,509,897	65,851	0	432,874	9,008,622	498,725	5.8605
Blaine	20,560,889	(1,329,551)	0	932,592	20,163,930	(396,959)	-1.9307
Bloomington	61,085,343	714,856	0	1,709,767	63,509,966	2,424,623	3.9692
Brainerd	7,283,823	238,735	0	430,306	7,952,864	669,041	9.1853
Brooklyn Center	11,448,063	(340,514)	0	608,006	11,715,555	267,492	2.3366
Brooklyn Park	22,306,973	(1,378,317)	0	1,138,858	22,067,514	(239,459)	-1.0735
Buffalo	8,746,128	(1,998,108)	0	345,376	7,093,396	(1,652,732)	-18.8967
Burnsville	23,883,077	254,398	0	1,314,932	25,452,407	1,569,330	6.5709
Cambridge	4,845,476	498,963	0	237,196	5,581,635	736,159	15.1927
Champlin	7,885,005	(16,361)	0	436,953	8,305,597	420,592	5.3341
Chanhassen	11,217,659	400,509	0	578,107	12,196,275	978,616	8.7239
Chaska	9,634,152	134,395	0	120,354	9,888,901	254,749	2.6442
Chisholm	4,508,951	223,417	0	233,320	4,965,688	456,737	10.1296
Cloquet	12,675,606	(330,950)	26,091	75,470	12,446,217	(229,389)	-1.8097
Columbia Heights	8,700,798	122,501	0	419,494	9,242,793	541,995	6.2293
Coon Rapids	20,661,423	1,368,092	0	1,132,667	23,162,182	2,500,759	12.1035
Corcoran	5,814,396	0	0	341,814	6,156,210	341,814	5.8788
Cottage Grove	18,973,936	(1,460,919)	0	836,655	18,349,672	(624,264)	-3.2901
Crookston	14,840,505	60,049	0	359,159	15,259,713	419,208	2.8248
Crystal	11,720,880	(1,319,877)	0	531,064	10,932,067	(788,813)	-6.7300
Dayton	6,926,143	(730,539)	0	(97,541)	6,098,063	(828,080)	-11.9559
Detroit Lakes	6,458,851	(122,972)	0	350,416	6,686,295	227,444	3.5214
Duluth	\$72,895,025	\$3,254,070	0	3,149,690	79,298,785	\$6,403,760	8.7849
Eagan	21,730,648	0	0	1,269,925	23,000,573	1,269,925	5.8439
East Bethel	9,228,119	2,087,719	0	645,396	11,961,234	2,733,115	29.6172
East Grand Forks	6,741,946	96,819	0	361,874	7,200,639	458,693	6.8036

28-Sep-99

	1998	Accomplish.		Unit Unit	1999		% Change
	Construction	& System	Traffic	Price	Construction	Net	1998 to
Municipality	Needs	Revisions	Update	Update	Needs	Change	1999
Eden Prairie	\$25,904,035	\$448,090	\$0	\$1,235,908	\$27,588,033	\$1,683,998	6.5009
Edina	22,860,313	0	0	1,180,592	24,040,905	1,180,592	5.1644
Elk River	17,424,814	(282,053)	0	785,806	17,928,567	503,753	2.8910
Fairmont	18,732,261	(289,361)	0	726,691	19,169,591	437,330	2.3346
Falcon Heights	970,801	82,408	0	67,379	1,120,588	149,787	15.4292
Faribault	16,478,974	1,945,281	0	771,920	19,196,175	2,717,201	16.4889
Farmington	11,888,120	0	0	429,314	12,317,434	429,314	3.6113
Fergus Falls	11,933,635	1,218,997	0	653,888	13,806,520	1,872,885	15.6942
Forest Lake	3,992,829	0	0	171,532	4,164,361	171,532	4.2960
Fridley	8,429,997	(140,840)	0	618,818	8,907,975	477,978	5.6700
Glencoe	5,914,693	(1,060,719)	0	(120,329)	4,733,645	(1,181,048)	-19.9680
Golden Valley	14,322,804	129,519	0	560,098	15,012,421	689,617	4.8148
Grand Rapids	8,250,714	496,796	0	373,082	9,120,592	869,878	10.5431
Ham Lake	9,121,260	(69,570)	0	556,554	9,608,244	486,984	5.3390
Hastings	6,236,615	0	0	407,572	6,644,187	407,572	6.5351
Hermantown	5,430,426	(699,737)	0	304,301	5,034,990	(395,436)	-7.2819
Hibbing	27,270,216	405,760	0	1,473,812	29,149,788	1,879,572	6.8924
Hopkins	8,056,491	71,870	0	343,839	8,472,200	415,709	5.1599
Hugo	8,623,482	(1,100,586)	0	387,755	7,910,651	(712,831)	-8.2662
Hutchinson	9,871,644	(319,793)	0	480,544	10,032,395	160,751	1.6284
International Falls	5,325,736	0	0	270,089	5,595,825	270,089	5.0714
Inver Grove Height	15,301,972	(670,402)	0	694,085	15,325,655	23,683	0.1548
Lake Elmo	4,276,399	(310,473)	0	274,418	4,240,344	(36,055)	-0.8431
Lakeville	28,823,235	3,367,612	0	1,563,090	33,753,937	4,930,702	17.1067
Lino Lakes	13,462,789	(1,030,710)	0	547,253	12,979,332	(483,457)	-3.5911
Litchfield	5,254,395	475,865	0	255,893	5,986,153	731,758	13.9266
Little Canada	6,440,679	2,090,079	0	353,425	8,884,183	2,443,504	37.9386
Little Falls	9,438,815	0	0	465,635	9,904,450	465,635	4.9332
Mahtomedi	3,663,717	(106,604)	0	208,933	3,766,046	102,329	2.7930
Mankato	22,722,792	(1,376,641)	0	221,390	21,567,541	(1,155,251)	-5.0841
Maple Grove	27,789,961	2,082,675	0	770,208	30,642,844	2,852,883	10.2659
Maplewood	\$15,942,141	\$353,043	0	761,476	\$17,056,660	\$1,114,519	6.9910
Marshall	8,825,247	0	0	27,300	8,852,547	27,300	0.3093
Mendota Heights	6,656,357	0	0	367,527	7,023,884	367,527	5.5214
Minneapolis	211,736,176	9,208,505	0	7,685,028	228,629,709	16,893,533	7.9786
Minnetonka	25,256,902	(33,951)	0	1,368,810	26,591,761	1,334,859	5.2851
Montevideo	4,545,930	(70,236)	0	241,092	4,716,786	170,856	3.7584
Monticello	4,951,660	(378,163)	0	218,980	4,792,477	(159,183)	-3.2147
Moorhead	25,053,239	1,309,093	0	(86,656)	26,275,676	1,222,437	4.8794

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	1998 Accomplish.			Unit	1999	% Change	
	Construction	& System	Traffic	Price	Construction	Net	1998 to
Municipality	Needs	Revisions	Update	Update	Needs	Change .	- 1999
Morris	\$3,422,817	(\$70,067)	\$0	\$205,249	\$3,557,999	\$135,182	3.9494
Mound	4,127,003	373,068	0	246,990	4,747,061	620,058	15.0244
Mounds View	5,667,196	0	0	270,015	5,937,211	270,015	4.7645
New Brighton	7,800,383	(714,030)	0	436,875	7,523,228	(277,155)	-3.5531
New Hope	11,318,697	0	0	484,298	11,802,995	484,298	4.2787
New Ulm	10,283,438	2,866,441	0	1,312,094	14,461,973	4,178,535	40.6336
North Branch	9,866,554	(106,261)	0	974,442	10,734,735	868,181	8.7992
North Mankato	9,201,805	739,246	0	450,565	10,391,616	1,189,811	12.9302
North St. Paul	5,582,979	0	0	312,133	5,895,112	312,133	5.5908
Northfield	8,901,593	139,469	0	441,608	9,482,670	581,077	6.5278
Dak Grove	7,354,462	0	0	467,604	7,822,066	467,604	6.3581
Dakdale	9,275,807	(417,243)	0	454,732	9,313,296	37,489	0.4042
Drono	10,144,172	0	0	399,294	10,543,466	399,294	3.9362
Dtsego	9,397,180	0	0	404,836	9,802,016	404,836	4.3081
Owatonna	12,765,806	577,797	0	565,912	13,909,515	1,143,709	8.9592
Plymouth	29,133,370	(232,270)	0	1,106,793	30,007,893	874,523	3.0018
Prior Lake	8,974,015	(290,012)	0	420,749	9,104,752	130,737	1.4568
Ramsey	14,553,547	0	0	751,949	15,305,496	751,949	5.1668
Red Wing	16,172,608	1,275,399	0	(149,339)	17,298,668	1,126,060	6.9628
Redwood Falls	5,658,851	0	0	266,397	5,925,248	266,397	4.7076
Richfield	16,254,601	(189,582)	0	814,389	16,879,408	624,807	3.8439
Robbinsdale	5,251,620	681,265	0	293,358	6,226,243	974,623	18.5585
Rochester	43,588,938	(1,202,847)	(423,992)	1,531,765	43,493,864	(95,074)	-0.2181
Rosemount	14,423,400	(1,389,585)	0	228,752	13,262,567	(1,160,833)	-8.0483
Roseville	14,300,886	(1,479,800)	0	769,209	13,590,295	(710,591)	-4.9689
St. Anthony	4,390,293	0	0	199,174	4,589,467	199,174	4.5367
St. Cloud	32,864,363	(685,341)	0	1,581,931	33,760,953	896,590	2.7282
St. Louis Park	23,458,575	622,530	0	665,000	24,746,105	1,287,530	5.4885
St. Michael	8,420,280	159,890	0	413,622	8,993,792	573,512	6.8111
St. Paul	168,369,037	4,522,271	0	5,950,999	178,842,307	10,473,270	6.2204
St. Paul Park	4,075,899	0	0	177,081	4,252,980	177,081	4.3446
St. Peter	8,965,635	127,233	0	398,778	9,491,646	526,011	5.8670
Sartell	4,797,810	517,616	0	238,135	5,553,561	755,751	15.7520
Sauk Rapids	5,365,662	(185,272)	0	283,878	5,464,268	98,606	1.8377
Savage	13,244,006	(1,951,962)	0	484,885	11,776,929	(1,467,077)	-11.0773
Shakopee	10,269,518	(49,638)	0	572,236	10,792,116	522,598	5.0888
Shoreview	7,223,363	(340,599)	0	417,234	7,299,998	76,635	1.0609
Shorewood	5,756,732	0	0	238,507	5,995,239	238,507	4.1431
South St. Paul	9,217,236	289,868	0	507,533	10,014,637	797,401	8.6512
	1998 Construction	Accomplish. & System Bayisions	Traffic	Unit Price	1999 Construction Needs	Net	% Change 1998 to 1999
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Spring Loke Dork	£4 730 228	\$10 660	0 90000	¢121 207	¢1 972 204	¢142.066	8 2108
Spring Lake Park	\$1,730,226	\$10,009		\$151,597	\$1,072,234	\$142,000	0.2100
Stewartville	2,696,551	<u> </u>	(334)	116,990	2,813,207	116,656	4.3261
Stillwater	7,705,678	0	0	396,090	8,101,768	396,090	5.1402
Thief River Falls	12,713,577	678,540	0	536,588	13,928,705	1,215,128	9.5577
Vadnais Heights	3,001,415	932,234	0	219,974	4,153,623	1,152,208	38.3888
Virginia	6,982,051	2,025,892	0	854,184	9,862,127	2,880,076	41.2497
Waconia	0	0	0	1,935,400	1,935,400	1,935,400	0.0000
Waite Park	5,683,567	(551,039)	0	(145,826)	4,986,702	(696,865)	-12.2611
Waseca	4,401,997	(52,032)	0	219,726	4,569,691	167,694	3.8095
West St. Paul	5,765,563	0	0	346,526	6,112,089	346,526	6.0103
White Bear Lake	9,903,168	369,594	0	561,242	10,834,004	930,836	9.3994
Willmar	12,514,684	645,477	(110,560)	861,091	13,910,692	1,396,008	11.1550
Winona	13,176,039	0	0	660,995	13,837,034	660,995	5.0166
Woodbury	28,849,534	2,247,845	0	1,351,483	32,448,862	3,599,328	12.4762
Worthington	7,862,018	0	149,090	308,988	8,320,096	458,078	5.8265
STATE TOTAL	\$1,927,808,456	\$30,512,184	(\$283,788)	\$84,301,104	\$2,042,337,956	\$114,529,500	5.9409

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1999 Itemized Tabulation of Needs

The 1999 money needs reflects an increase due to the updating of the needs, new designations and an increase in unit prices. See the Screening Board Resolutions in the back of this book for the unit prices used in the 1999 needs computation.

The 1999 itemized tabulation of needs on the following page shows all the construction items except the "after the fact needs" used in the Municipal State Aid Needs Study. The tabulation is provided to give each municipality the opportunity to compare its needs of the individual construction items to that of other cities. The cost per mile shown on this report does not include bridges and 18% of the engineering cost applied to the bridges because large bridges in some cities distort the average. The average is a more comparable cost for roadway construction cost per mile without bridges.

The overall average cost per mile is \$528,712. Spring Lake Park has the lowest cost per mile with \$298,102 while Farmington has the highest cost with \$855,674 per mile.

Three cities which exceed \$800,000 per mile are listed alphabetically as follows: Fairmont, Farmington, and Minneapolis

N:\M\$A\$\EXCEL\FALL BOOK 1999\COMPARISON OF NEEDS 1998 AND 1999.XLS

		Complete			a an	Total	
Needs		Storm	Sewer	Base	Surface	Shoulder	Curb & Gutter
Year	Grading	Sewer	Adjustment	Needs	Needs	Needs	Construction
1998	\$224.697.100	\$200.169.900	\$47.314.560	\$332.667.207	\$166.960.849	\$1,542,900	\$124.187.536
1999	\$243,136,024	\$205,483,800	\$54,570,040	\$356,721,640	\$174,674,847	\$1,668,477	\$131,979,271
Difference	\$18,438,924	\$5,313,900	\$7,255,480	\$24,054,433	\$7,713,998	\$125,577	\$7,791,735
%	8.21%	2.65%	15.33%	7.23%	4.62%	8.14%	6.27%
		Traffic	Street		Total	Railroad	
Needs Year	Sidewalk Construction	Signal Construction	Lighting Construction	Retaining Walls	Bridge Needs	Crossing Needs	Engineering
1998	\$157,647,600	\$128,529,020	\$56,342,200	\$13,666,874	\$116,580,486	\$49,091,700	\$305,445,315
1999	\$176,379,120	\$132,361,904	\$101,717,700	\$15,333,579	\$116,779,206	\$43,618,325	\$322,104,612
Difference	\$18,731,520	\$3,832,884	\$45,375,500	\$1,666,705	\$198,720	(\$5,473,375)	\$16,659,297
%	11.88%	2.98%	80.54%	12.20%	0.17%	-11.15%	5.45%
	Total	Total		After the fact	After the fact		Needs
Needs	Maintenance	Money	Total	Right of way	Bridge	Apportionment	То
Year	Needs	Needs	Mileage	Needs	Needs	Needs	Apport. Ratio
1998	\$17,781,954	\$1,927,808,456	2859.05	\$60,111,319	\$22,087,033	\$2,157,421,114	22.1371
1999	\$18,588,694	\$2,010,402,556	2911.74	\$68,247,044	\$18,607,581	\$2,097,257,181	21.5198
Difference	\$806,740	\$82,594,100	52.69	\$8,135,725	(\$3,479,452)	(\$60,163,933)	-0.6173
%	. 4.54%	4.28%	1.84%	13.53%	-15.75%	-2.79%	

	GRADING ST	ORM SEWER AD	JUSTMENT	BASE	SURFACE	HOULDER	GUTTER	SIDEWALK	SIGNALS	LIGHTING	WALLS	BRIDGES	RAILROAD	NGINEERING M	MAINTENANCE	NEEDS MILE	AGE MILE MUNICIPALITY
LBERT LEA LEXANDRIA	\$1,767,012 830,918	\$273,060 686,340	\$776,570 298,620	\$2,400,351 1,581,215	\$1,072,302 800,819	\$9,373 9,621	\$828,699 591,591	\$982,189 949,754	\$685,439 683,188	\$655,900 503,650	\$39,000	\$84,813	\$1,497,100	\$1,992,926 1,248,429	\$127,954 99,233	\$13,192,688 8,283,378	18.74 \$593,114 ALBERT LEA 14.39 488,878 ALEXANDRIA
NDOVER NOKA	1,170,155 822,926	3,242,280 1,795,800		1,568,965 862,177	1,533,622 766,425	91,700	1,096,034 625,131	3,228,929 774,874	903,665 444,967	1,183,000	13.000		135,750	2,547,737 1,178,588	124,282 84,545	16,826,119 7,810,833	33.80 422,437 ANDOVER 12.64 524,703 ANOKA
PPLE VALLEY RDEN HILLS	1,941,491 419,396	2,285,340 1,047,960	633,580 56,880	4,060,116	2,338,357		1,447,335	2,205,731	2,002,305	1,168,300	47,000 103 590		196.950	3,263,324 789,211	232,412 37,446	21,625,291	33.38 550,089 APPLE 7.41 596.753 ARDEN
USTIN AXTER	3,309,155 1,305,196	2,108,220	500,070	2,793,923	1,554,301		1,151,359	1,616,670	1,119,645	969,500	100,000	5,128,820	868,250	3,801,587	204,954	25,126,454	27.70 584,695 AUSTIN
EMIDJI	811,247	831,480	262,280	1,262,341	840,015		551,468	766,587	654,191	509,600	10,000	588,120	459,250	1,358,385	103,658	9,008,622	4,56 485,036 BEMIDJI
LOOMINGTON	6,707,782	3,992,580 8,536,200	212,510 1,691,390	2,460,059 10,198,703	1,845,330 6,431,169	1,483	1,489,596 4,812,126	2,962,247 5,983,089	1,505,605 4,869,278	1,197,700 2,637,250	21,000	409,920	963,850	3,052,166 9,587,123	155,276 661,086	20,163,930 63,509,966	75.35 710,191 BLOOMINGTON
ROOKLYN CENTER	1,005,368 1,066,923	177,120 1,075,020	535,620 749,710	1,462,719 2,007,460	978,188 1,403,231		639,215 786,380	796,906 720,567	562,450 1,163,140	498,750 754,600	60,867			1,198,142 1,761,824	98,386 165,833	7,952,864 11,715,555	4.25 474,016 BRAINERD 21.56 461,676 BROOKLYN CENTER
ROOKLYN PARK UFFALO	1,540,196 790,518	3,343,140 632,220	592,500 139,830	3,216,714	2,589,029 583,076		1,230,699 513,391	1,839,637 590,490	2,586,747 324,225	1,528,800 345,100	50,000		945,050	3,324,142 1,073,677	275,910 54,850	22,067,514 7,093,396	6.62 402,046 BROOKLYN PARK 9.86 610,519 BUFFALO
URNSVILLE AMBRIDGE	2,837,438 503,644	1,065,180	1,046,750 70,310	4,965,835 639,875	2,927,130	4 749	1,706,921	2,323,547	2,621,244	1,529,500	No. N. Star	599 760	218,100	3,823,497 843,940	387,265 49,146	25,452,407	3.70 494,941 BURNSVILLE 0.74 385 283 CAMBRIDGE
HAMPLIN HANHASSEN	391,615 991,768	1,180,800	36,340	679,894 2 127 415	953,621		531,763	1,649,919	726,927	595,350	210,900	759 572		1,252,285	96,183 111,542	8,305,597	7.01 414,657 CHAMPLIN
HASKA HISHOLM	972,810 787,235	1,515,360	175,380	1,781,997	777,910	11,659	612,534	1,103,771	560,198	535,500	88,000	25,200	145,050	1,494,968	88,564	9,888,901	5.30 546,976 CHASKA
	1,503,627	2,334,540	44,240	1,864,885	997,659	9,992	827,372	1,127,181	629,197	704,900	37,000	105,000	373,550	1,881,757	45,628	12,446,217	0.14 524,551 CLOQUET
DON RAPIDS	1,950,209	558,420	568,010	2,960,935	2,536,056		1,832,738	2,678,972	482,956	438,550	338,000	2,863,624	215,375	3,485,339	313,867	9,242,793	2.53 626,210 COLUMBIA HEIGHTS 0.97 410,379 COON RAPIDS
OTTAGE GROVE	1,671,414 1,404,619	263,220	135,880	1,559,648	459,346 1,672,298	82,955 23,741	87,010 1,142,415	128,679 2,067,662	367,962 1,393,117	515,200 1,058,400	26,750 200,000	912,000		929,193 2,770,205	64,833 189,454	6,156,210 18,349,672	4.72 355,096 CORCORAN 0.24 485,035 COTTAGE GROVE
ROOKSTON	859,507 976,254	710,940 1,480,920	273,340 296,250	1,456,206 1,726,329	630,113 915,853		553,344 906,859	897,574 1,502,922	317,727 590,945	403,550 625,800	48,100	6,763,080	1,000 110,750	2,315,955 1,652,576	77,377 98,509	15,259,713 10,932,067	1.53 536,052 CROOKSTON 7.88 518,987 CRYSTAL
TROIT LAKES	777,695 569,779	747,840 1,193,100	21,330 109,810	1,654,538 994,618	633,525 641,734	23,536 175	269,139 525,695	187,617 479,234	231,978 365,968	324,800 434,350	140,000	1.2000 00 0	123,150 286,150	924,326 1,008,112	38,589 77,570	6,098,063 6,686,295	9.28 557,515 DAYTON 2.41 457,549 DETROIT LAKES
JLUTH NGAN	11,300,902 1,653,742	5,222,580 1,488,300	2,263,350 727,590	17,097,709 3,552,475	5,237,683 3,080,151	185,914	4,227,409	4,349,086	4,010,129	3,319,050	154,000	8,784,257	504,500 512,900	11,998,195	644,021 366,040	79,298,785 11	1.31 525,706 DULUTH 6.13 423,756 EAGAN
ST BETHEL	647,863 1.006,458	2,838,840 981,540	3,160	1,261,849	1,018,893	61,367	876,623	1,586,952	674,433	930,300	158,561	201	272 500	1,810,592	91,801 77,665	11,961,234 2	6.58 381,890 EAST 2.48 489.910 FAST
	2,134,892	3,414,480	880,060 812,120	4,204,104	2,749,588	1. <u>1</u>	2,339,747	1,771,862	2,472,252	1,493,100	442,800	1,104,000	135,750	4,165,677	279,721	27,588,033 4	2.66 523,168 EDEN
K RIVER	1,054,061	3,348,060	71,890	2,420,956	1,625,219	3,708	1,840,549	2,802,935	2,285,523	915,950	54,190	180,090	372,100	2,716,474	120,574	17,928,567 2	6.17 581,280 ELK RIVER
LCON HEIGHTS	2,743,023 73,573	59,040	75,050 24,490	3,580,456 138,777	1,1/0,417 118,755		1,059,368 55,224	1,807,419 305,369	770,175 73,243	679,350 88,900	4,500	489,600	547,000	2,903,713 168,728	134,140 14,489	1,120,588	2.54 374,748 FALCON HEIGHTS
RMINGTON	1,955,718	1,913,880	217,250 7,110	3,315,545 2,639,345	1,504,439 809,725	55,106	1,086,798 600,939	2,168,308 922,238	959,657 508,701	777,700 418,600	10,000 105,000	1,848,320 212,200	687,650 247,950	2,904,562 1,871,374	155,158 49,548	19,196,175 2 12,317,434 1	2.22 650,013 FARIBAULT 1.96 855,674 FARMINGTON
RGUS FALLS REST LAKE	1,480,168 458,062	1,124,220 865,920	381,570 51,350	2,402,872 893,949	1,036,154 249,783	4,346	906,048 372,343	756,866	662,198 166,235	667,450 193,550	10,500	663,960	1,507,300	2,088,662 630,889	114,206 28,549	13,806,520 2 4,164,361	4.34 454,145 FERGUS FALLS 5.53 638,964 FOREST LAKE
DLEY ENCOE	872,891 469,944	590,400 865,920	746,550	1,547,537	1,343,426		460,993	377 103	879,162	875,700			85,750	1,332,432	173,134 38,897	8,907,975 2 4,733,645	5.02 302,779 FRIDLEY 7.02 572,293 GLENCOE
LDEN VALLEY AND RAPIDS	1,584,577 734,766	1,589,160	553,790 239,370	2,864,123	1,261,764	39	1,024,327	753,202	889,913	824,250	10,000	760,000	473,225	2,265,907	158,183	15,012,421 2	3.55 508,981 GOLDEN VALLEY
	459,488	2,907,720	30,810	822,417	1,000,789	13,411	1,052,182	238,828	457,958 620,197	863,450	50,310	1,048,000	460,000	1,450,731	97,911	9,608,244 2	4.67 330,665 HAM LAKE
RMANTOWN	319,584	932,340	327,000	940,595	597,628	2,101 3,533	483,275	598,179 179,170	757,179 473,205	563,150 454,650	46,000		and the state of t	997,383 757,331	70,263	5,034,990 1	2.99 329,304 HERMANTOWN
PKINS	4,551,522	2,649,420 824,100	455,830 282,030	6,914,895 1,892,251	2,244,156 750,045	159,325	1,363,656 547,201	1,444,276 787,704	1,559,351 623,193	1,795,850 326,550		16,320	1,311,900	4,403,967 1,281,773	279,320 69,462	29,149,788 5 8,472,200	1.31 481,963 HIBBING 9.33 770,678 HOPKINS
GO TCHINSON	2,178,590 1,039,621	627,300 952,020	380,780	1,830,875	506,480 830,766	81,773	207,346 633,228	252,540 850,883	399,208 540,696	558,950 515,550	28,850	459,000	598,750	1,195,753 1,515,189	71,836 99,525	7,910,651 1 10,032,395 1	5.97 420,470 HUGO 4.73 547,061 HUTCHINSON
ERNATIONAL FALLS ER GROVE HEIGHTS	759,879 1,842,138	319,800 2,319,780	337,330 395,000	1,198,786 2,754,602	450,600 1,473,079	1,185	452,811	669,496 1,025,783	230,234 901,658	282,100 835,100	50,000	1000 - 2000	331	846,192 2,313,803	48.597 157,387	5,595,825 15,325,655 2	8.06 589,284 INTERNATIONAL FAI 3.86 545,342 INVER GROVE HEIGH
ke elmo Keville	417,987 2,989,651	548,580 5,975,340	51,350 508,760	775.810 6,708,910	409.481 3,246,129	45,507 4,728	272.203	193,930 2,496,822	315,468 2,161,782	415,450 1,667,400	106,000		380,400	639,321 5,105,303	49,257 285,835	4.240.344 1 33,753,937 4	1.87 303.372 LAKE ELMO 7.64 601,357 LAKEVILLE
D LAKES CHFIELD	1,106,525 571,073	2,691,240 1,394,820		2,503,137 929.867	892,336 440 . 025	5,387	1,036,653 460,099	1.611,593 719,992	465,205 214,486	643,650 300,300	-0.26			1,972,032 905,521	51,574 49,970	12,979,332 1 5,986,153	8.67 589,572 LINO LAKES 8.58 592,148 LITCHFIELD
TLE CANADA	671,949 849 531	1,077,480	262,280	1,368,009	548,301	2653	625,842 718 991	1,131,303	375,715	382,900	78,250	864.000	94,050 173 150	1,346,413	57,691 96,377	8,884,183 1 9 904 450 1	0.94 610,034 LITTLE CANADA 5.67 536 586 LITTLE FALLS
	280,531	669,120 1 367,760	49,770	540,296	333,542	12,526	281,498	448,403	233,730	291,550	15,000	Aviso -	75 550	568,073	42,007	3,766,046	8.33 383,910 MAHTOMEDI
PLE GROVE	2,495,589	4,295,160	55,300	6,549,206	3,143,378		1,750,669	3,207,023	2,356,269	1,578,150	104,200	State C	234,450	4,638,495	234,955	30,642,844 4	5.09 576,721 MAPLE GROVE
RSHALL	850,461	1,325,940	145,360	1,616,966	950,388	a in a she had a sa	1,371,710 571,534	643,090 724,883	524,952	520,800			176,550	1,333,412	152,552	8,852,547 1	4.88 505,318 MARSHALL
INEAPOLIS	38,330,108	1,141,440 8,174,580	196,710 9,202,710	1,379,198 33,923,796	742,758 14,665,720		385,810 12,005,505	503,154 17,571,913	421,459 12,578,305	472,850 7,074,200	5,450,437	34,268,231	135,750 7,544,400	1,058,784 26,142,197	82,959 1,697,607	7,023,884 1 228,629,709 20	2.12 832,274 MINNEAPOLIS
NTEVIDEO	2,325,056 535,463	4,068,840 710,940	198,290 86,110	4,854,156 764,070	2,342,599 456,748		2,325,092 351,231	1,924,816 497,973	2,056,804 247,731	1,746,150 300,300	90,000	and the world	363,300	4,013,124 711,106	283,534 55,114	26,591,761 4 4,716,786	9.89 452,568 MINNE TONKA 3.58 466,862 MONTEVIDEO
NTICELLO ORHEAD	462,341 3,588,744	1,038,120 341,940	27,650 882,430	638,968 5,392,006	433,588 2,073,360		472,580	444,606 1,631,314	233,231 1,507,614	273,000 1,012,900	3,000	3,021,120	1,182,575	724,874 3,970,731	40,519 245,379	4,792,477 26,275,676 2	7.80 521,488 MONTICELLO 3.94 666,338 MOORHEAD
RRIS UND	398,006 425,560	474,780 373,920	51,350 332,590	745,710 680,818	405,125 443,834		292,547 515,685	142,191 514,598	193,483	270,900 281,750	90.500		87.750	535,338 717,525	48,569 43,297	3,557,999 4,747,061	7.74 390,525 MORRIS 3.05 500,563 MOUND
UNDS VIEW	378,750 813,900	1,429,260	12,640 223,570	809,881	525,169 756,834	12 433	484,992	687,085	310,221	343,700	20.000		615 500	896,706	58,807 85,675	5,937,211 7,523,228 1	0.82 513,290 MOUNDS VIEW 4.95 427,337 NEW BRIGHTON
V HOPE	1,298,648	14,760	712,580	2,253,157	1,137,990	12,100	719,951	1,149,646	709,182	444,500	102,500	1,008,000	371,725	1,786,076	94,280	11,802,995 1	2.70 709,364 NEW HOPE
TH BRANCH	1,821,333	863,460	27,650	3,088,128	748,772	169,208	293,284	272,037	534,196	731,150	40,000	19,997	450,550	1,623,558	91,412	10,734,735 2	0.89 435,193 NORTH BRANCH
THMANKATO	1,254,750	942,180	334,960	2,368,254	897,380		676,433	1,015,251	406,970 645,438	422,100	130,000	San Second	1,086,300	1,569,912	74,729 99,958	9,462,670 1. 10,391,616 1	2.06 667,293 NORTHFIELD 3.06 675,475 NORTH MANKATO
COALE	683,768 783,006	1,532,580	328,640 107,440	1,382,623	655,196 875,980	10,990	518,519 497,535	68,492 1,033,984	375,965 791,422	373,800 585,200	53,520			1,405,756	97,775	9,313,296 1	5.72 472,939 OAKDALE
(GROVE DNO	1,334,333 854,726	123,000 2,418,180		1,926,462 1,668,746	622,810 568,558	119,180 15,789	40,656 792,375	1,220,266 1,172,912	487,453 386,465	682,500 440,300	10,000 370,000		197,700	1,181,999 1,599,435	73,407 58,280	7,822,066 1 10,543,466 1	0.50 340,516 OAK GROVE 2.58 710,972 ORONO
EGO NTONNA	993,944 1,578,085	2,115,600	94,010	1,862,959	594,078 956,642	51,017	699,246 786,310	1,136,442 1,262,647	340,215 650,692	476,350 614,600		1,840,000	635,150	1,488,574 2,103,565	43,591 119,475	9,802,016 1 13,909,515 1	3.61 610,833 OTSEGO 7.56 567,537 OWATONNA
NOUTH DR LAKE	2,708,047 567,170	4,218,900 2,071,320	543,520 19,750	5,693,109 1,311,179	3,069,451 705,843	3,811	1,863,140	1,676,107	2,782,974 388,466	1,808,100 529,900	122,500 10,000	64,034	594,100	4,526,607	333,493 55,809	30,007,893 5 9,104,752 1	1.66 492,010 PLYMOUTH 5.14 510,198 PRIOR LAKE
ISEY WING	1,014,959 2,289,175	3,473,520 2,398,500	54,510 217,250	1,711,511	1,503,125	44,126 8,723	1,183,429	2,099,111	779,927	1,021,300	571 500		90 150	2,319,398	100,580	15,305,496 2	0.18 445,034 RAMSEY 2.93 640,145 RED WING
WOOD FALLS	606,610 2,446,317	688,800	250,430 826,340	1,148,179	370,850	3 103	510,550 1,178,402	942,681	196,734	275,450			578 650	898,251 2,546,234	36,713 187,436	5,925,248 16,879,408	7.87 638,754 REDWOOD FALLS
BINSDALE	567,269	391,140	244,110	965,769	591,793	40.048	389,381	409,085	439,709	353,500	200,000	512,040	153,300	939,077	70,070	6,226,243 1	0.10 472,785 ROBBINSDALE
MOUNT	1,067,896	3,050,400	1,370,970	2,105,468	1,257,733	10,218	1,008,194	2,010,830 560,164	736,678	750,750		1,037,320	608,700	2,006,280	110,304	13,262,567 2	1.45 524,769 ROSEMOUNT
THONY	977,392 639,554	337,020	394,210 187,230	2,292,058 872,284	1,498,887 326,950		784,214 326,072	666,194	896,661 303,968	197,050	4/1,740		428,750	2,048,756 694,139	159,540 39,006	4,589,467	5.63 691,888 ST ANTHONY
DUIS PARK	3,259,895 2,630,192	3,840,060 1,306,260	886,380 806,590	6,374,913 3,854,037	3,467,130 1,956,347	30,096	2,287,035 1,633,472	1,999,391 1,540,690	3,187,952 1,733,589	1,794,800 1,002,750	267,400	3,795,000	1,178,400 247,800	5,095,102 3,739,346	359,799 232,632	33,760,953 5 24,746,105 28	.97 551,585 ST CLOUD 3.65 600,759 ST LOUIS PARK
CHAEL UL	1,198,430 26,876,548	1,244,760 1,045.500	8,749.250	2,489,572 27,964.824	622,845 11,716,130	67,836	411,434 9,997,101	608,523 11,946,143	423,959 9,828.794	516,950 5,744,550	2,829.573	30,544.980	3,237.225	1,365,176 27,086.514	44,307 1,275,175	8,993,792 14 178,842,307 164	.77 516,494 ST MICHAEL .13 738,505 ST PAUL
UL PARK	400,883	769,980	91,640 36,340	798,575	266,925		366,544 660,052	543,682 1,074,579	151,984 379.467	185,500 438,550		Sec.		643,628 1,435,815	33,639 79,089	4,252,980 9,491,646 1	0.30 681,010 ST PAUL PARK
ELL RAPIDS	354,229 628,580	1,392,360	20,540 82,160	749,534	528,688		488,435	531,710 228 209	307,969	296,100	12,000		82 350	842,683 821,776	29,313 77,091	5,553,561	0.46 556,841 SARTELL
GE	779,346	1,785,960	14,220	1,972,971	1,145,348	55 405	783,169	977,305	918,664	589,750	-0,000	951,428	703 150	1,785,272	73,496	11,776,929 10	85 536,512 SAVAGE
EVIEW	563,611	1,173,420	115,340	867,744	759,116	55,405	516,309	844,770	553,945	586,250	136,200		703,150	1,101,004	82,289	7,299,998 16	75 370,089 SHOREVIEW
H ST PAUL	414,242 1,397,076	1,845,000 479,700	15,010 338,910	1,006,584 2,306,686	333,534 1,078,777		625,202 637,536	260,248 946,167	259,974 635,439	288,400 571,200	6,000			908,676 1,511,550	38,369 105,596	5,995,239 8 10,014,637 16	.24 617,301 SHOREWOOD .32 521,022 SOUTH ST PAUL
NG LAKE PARK VARTVILLE	120,606 344,165	467,400	97,960 53,720	198,351 523,164	299,752 181,700		100,817 219,373	345,304 365,642	203,730 88,491	186,900 123,900	4,500	200 B.A	State State State	280,428 426,158	33,946 19,494	1,872,294 £ 2,813,207	.34 298,102 SPRING LAKE PARK 54 674,308 STEWARTVILLE
WATER RIVER FALLS	962,027 1,301,916	944,640 2,098,380	153,260	1,394,283	745,306 859 794	113	517,217 882,354	634,870 646 603	601,696 527,705	490,700 513,100	204,491	1.101.600	135,750	1,221,180	96,235 97,917	8,101,768 14 13,928,705 12	02 490,769 STILLWATER 66 731.059 THIEF RIVER FALLS
IAIS HEIGHTS	301,809	676,500	63,200	654,843	396,350	22.050	283,761	587,696	230,978	291,200			705.050	627,543	39,743 85,445	4,153,623	.32 423,808 VADNAIS HEIGHTS
E PARK	528,963	499,380	90,850	611,901	497,067	32,300	240,680	329,541	384,216	226,800	20,000		755,500	753,285	48,519	4,986,702	48 653,305 WAITE PARK
I ST PAUL	730,912 544,991	420,660 683,880	26,860 139,830	048,460 1,023,282	353,325 687,531		404,097	699,984 622,733	453,955	458,500	5,000 81,000		313,250	90,203 917,961	45,031 94,329	4,509,691 6 6,112,089 13	42 004,282 WASECA .10 396,498 WEST ST PAUL
E BEAR LAKE MAR	989,345 1,385,069	1,380,060 2,061,480	363,400 151,680	1,872,929 2,478,553	971,249 1,408,280	6,695	913,591 927,489	1,026,982 623,882	708,187 1,047,151	686,000 836,500			173,150 699,750	1,635,284 2,092,778	113,827 191,385	10,834,004 19 13,910,692 23	50 469,322 WHITE BEAR LAKE 8.90 494,473 WILLMAR
DNA DBURY	1,926,950 2,725,504	915,120 5,451,360	255,170 140,620	2;340,376 5,882,001	1,550,216 2,882,106	27,810 19,520	1,122,403 2,572,472	1,207,828 3,604,868	1,371,866 2,226,537	761,250 1,512,700	296,250		112,950	2,086,547 4,916,509	158,548 218,415	13,837,034 2 32,448,862 43	.75 540,252 WINONA .22 637,028 WOODBURY
TO CHARLEN THE PARTY OF THE PAR	1405476	108,240	252,800	1,368,155	528,098		569,790	10,456	346,968	343,350		2,062,200		1,259,201	65,362	8,320,096	.81 509,551 WORTHINGTON

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TENTATIVE 2000 CONSTRUCTION NEEDS APPORTIONMENT

This tabulation shows each municipality's tentative construction (money) needs apportionment based on a projected apportionment amount. The actual amount of the road user fund for distribution to the Municipal State Aid Account will not be available until January 2000.

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.

The 25-year construction needs or money needs shown on this report are those computed from the "1999 Needs Study Update". The adjusted 25 year construction needs are the result of subtracting for the Unencumbered Construction Fund and adding or subtracting for Bond Accounts, adding Non-existing Bridge Adjustments and adding Right-of-Way "After the fact needs". These adjustments to the actual needs are made as directed by the Screening Board Resolutions.

The September 1,1999 unencumbered construction fund balance was used as the adjustment in this report for estimating purposes. The unencumbered balance as of December 31,1999 will be used for the 2000 January apportionment.

This summary provides specific data and shows the impact of the adjustment to each municipality for the Screening Board's use in establishing the 2000 Tentative Construction Needs Apportionment Determination.

The adjustments are listed individually following the tentative summary of adjustments to the 25 year actual 1999 Construction Needs.

TENTATIVE 2000 ADJUSTED CONSTRUCTION NEEDS APPORTIONMENT

Needs Value: \$1 in construction needs = approximately \$.02339 in apportionment

Waconia's needs were based on 5.52 miles times \$350,616

N:\M\$A\$\EXCEL\FALL BOOK- 1999\BOOK	FILE TENTATIVE 1999.XLS										
		(-)	(+ or -)	855 (†) (*)	(+) 566 (+)					Tentative	
								Needs	THE	2000	
	1999 Actual	Unencumbered		Non-		Total	1999	Apportion-	Turnback	Construction	~ %
A second s	25-Year	Construction	Bond	Existing	R/W	Affect	Adjusted	Ment Minus	- Main-	Needs	Of
	Construction	Fund Balance	Account	Bridge	Acquisition	Of .	Construction	Turnback	tenance	Apportion-	Total
Municipality	Needs	Adjustment	Adjustment	Adjustment	Adjustment	Adjustments	Needs	Maintenance	Allowance	ment	Dist
A 11	*** *** ***	(\$070.400)			* C 007	(6000 670)		*****			
Albert Lea	\$13,192,688	(\$876,406)	**	••	\$6,827	(\$869,579)	\$12,323,109	\$288,355		\$288,355	0.5918
Alexanoria	0,203,370	(404.954)			452 400	(242.262)	0,203,3/8	193,020	÷*	193,020	0.3978
Andver	10,020,115	(454,004)			192,490	(342,303)	10,403,730	305,713		365,713	0.7910
Annia Vallav	7,010,033	(15,525)	\$1 410 000		192,101	(165 654)	7,303,403	<u> </u>		100,301 E00.446	1 0205
	£ 044 450	(1,575,054)	\$1,410,000			(100,004)	4 092 200	502,140	•• ·····	302,140	1.0305
Auetin	25 126 454	(220,004)			216.058	(721 512)	4,302,200	570 921		570 931	1 1715
Austin	9 740 401	(347,570)			210,058	(731,312)	9 44, 354, 542	221 422		224 122	0.4529
Daxiel	9,740,491	(1 027 092)			220 201	(230,012)	9,449,079	101 692		101 692	0.4530
Blaine	20 462 020	(1,037,033)			496 514	(010,052)	19 700 969	191,003		131,003	0.3934
Bloomington	63 509 966	(1,050,576)		\$2 745 122	400,014	12 007 774	75 517 740	435,505		435,505	2 6264
Brainord	7 952 964	(2,075,047)		\$2,740,120	567 210	(909.067)	7 144 707	1,707,003		1,767,003	0 2421
Brooklyn Conter	11 716 555	(1,575,200)	1 055 000		2 523 341	3 103 711	14 819 266	346 765		246 765	0.3431
Brooklyn Center	22 067 514	(1 007 247)	1,000,000		708 327	(208 020)	21 768 594	509 376	\$21 169	520 544	1 0998
Buffalo	7 /03 396	(1,007,247)			100,527	(230,320)	7 /03 396	165 982	421,100	165 982	0 3406
Burnevillo	25 452 407	(430 593)		412 627	1 334 446	1 316 480	26 768 887	626 381		626 381	1 2854
Cambridge	5 581 635	(242 127)	536 142	472,021	1,004,440	294.015	5 875 650	137 488	15 480	152 968	0 3139
Champlin	8 305 597	(1 070 735)			121 679	(949.056)	7 356 541	172 140		172 140	0 3533
Chanhasson	12 196 275	(1,070,700)			65,000	(974 435)	11 221 840	262 586	4 320	266 906	0.5677
Chaska	9 888 901	(473 535)		408 699	92 467	27 631	9 916 532	232 043	4,010	232 043	0.4762
Chisholm	4 965 688	(394,864)		400,000		(394 864)	4 570 824	106 955	1 944	108 899	0 2235
Cloquet	12 446 217	(482 498)	425.000			(57 498)	12,388,719	289.891	4 752	294 643	0.6047
Columbia Heights	9,242,793	(1.631.188)			136,330	(1,494,858)	7.747.935	181,298	4,102	181 298	0.3721
Coon Rapids	23 162 182	(1,036,357)		1.050.431	1 060 488	1 074 562	24 236 744	567 130		567 130	1 1639
Corcoran	6,156,210	(114,141)			25.058	(89.083)	6.067 127	141.968		141 968	0.2913
Cottage Grove	18.349.672	0		51,603	458.865	510,468	18,860,140	441.319		441.319	0.9057
Crookston	15,259,713	(553.855)			959.364	405,509	15,665,222	366,560		366,560	0.7522
Crystal	10,932,067	(000,000,			3.682.636	3.682.636	14,614,703	341,978		341,978	0.7018
Davton	6.098.063	(26.671)			5.281	0	6.098.063	142,692	••	142.692	0.2928
Detroit Lakes	6.686.295	(83.255)				(83.255)	6,603,040	154.508		154.508	0.3171
Duluth	79.298.785	(720,967)		1.054.200	491.804	825.037	80.123.822	1.874.864	118.080	1.992.944	4.0899
Eagan	23.000.573	(1.247.296)	796.000		664.426	213,130	23,213,703	543,191		543,191	1.1147
East Bethel	11.961.234	(426,151)			17,200	(408,951)	11.552.283	270.319		270.319	0.5547
East Grand Forks	7,200,639	(391,206)			121,700	(269,506)	6,931,133	162,186		162.186	0.3328
Eden Prairie	27,588,033	(922.934)	257,697	336.529	247.269	(81,439)	27,506,594	643.643		643.643	1.3209
Edina	24.040.905	(5.121.700)		1.107.123	305,393	(3.709.184)	20.331.721	475.754		475,754	0.9763
Elk River	17,928,567	0	185,000	.,,	300.052	485.052	18,413.619	430.871		430,871	0.8842
Fairmont	19,169,591	0			73.163	73.163	19,242.754	450.272		450,272	0.9240
Falcon Heights	1.120.588	(294.945)	(27.988)		• • •	(322.933)	797.655	18,665		18.665	0.0383
Faribault	19.196.175	(184.873)				(184.873)	19.011.302	444,856		444.856	0.9129
Farmington	12,317,434	(389.285)			. 83,865	(305.420)	12,012.014	281.076		281,076	0.5768
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			(+ or -)	(+)	(†)			Construction	(+)	Tentative	al dan dar geschlich stadt.
								Needs	TH Set	2000	
	1999 Actual	Unencumbered		Non-		Total	1999	Apportion-	Turnback	Construction	%
	25-Year	Construction	Bond	Existing		Affect	Adjusted	Ment Minus	Main-	Needs	Of
	Construction	Fund Balance	Account	Bridge	Acguisition	. Of	Construction	Turnback	tenance	Apportion-	Total
Municipality	Needs	Adjustment	Adjustment	Adjustment	Adjustment	Adjustments	Needs	Maintenance	Allowance	ment	Dist
Fergus Falls	\$13,806,520	(\$645,723)			\$117,395	(\$528,328)	\$13,278,192	\$310,704	\$36,864	\$347.568	0.7133
Forest Lake	4,164,361	(97,029)	**		64,783	(32.246)	4.132.115	96.690		96.690	0.1984
Fridley	8.907.975	(384,644)			95.081	(289,563)	8.618.412	201.667		201.667	0.4139
Glencoe	4.733.645	0				0	4.733.645	110,765		110.765	0.2273
Golden Valley	15.012.421	(1.045.326)			419.693	(625.633)	14.386.788	336.645		336.645	0.6909
Grand Rapids	9,120,592	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				(010,000,	9,120,592	213.418	**	213,418	0 4380
Ham Lake	9.608.244	0	\$270.000		204,433	474.433	10.082.677	235,930		235,930	0.4842
Hastings	6.644.187					0	6.644.187	155 471		155 471	0.1012
Hermantown	5 034 990	(198 480)			157 484	(40 996)	4 993 994	116 857		116 857	0.0101
Hibbing	29 149 788	(1 132 290)			198 025	(934 265)	28 215 523	660 231		660 231	1 3549
Honkins	8 472 200	(1,102,200)			1 000	1 000	8 473 200	198 269		198 269	0.4069
Нидо	7 910 651	(175 440)			1,000	(54.250)	7 855 404	193,203		190,205	0.4003
Hutchinson	10 032 395	(175,440)		920 696	244 250	<u> </u>	40 543 000	246 702		246 702	0.5775
International Fallo	E 505 925	(000,322)		029,000	341,230	(462 647)	E 433 470	240,702		240,702	0.5063
International Pairs	5,555,625 4E 22E CEE	(103,047)			4 407 400	(103,047)	0,432,170	127,111		244.404	0.2009
Inver Grove neights	15,525,655	(1,734,301)			1,127,132	(007,249)	14,710,400	344,404		344,404	0.7068
	4,240,344	(29,708)			100,951	11,243	4,317,387	101,030	**	101,030	0.2073
	33,753,937	(673.366)	**	959,382	2,852,550	3,811,940	37,000,877	879,026		879,026	1.8039
LIIIO Lakes	E 000 452	(0/2,200)			110,502	(335,783)	12,423,309	290,706	\$2,016	292,722	0.6007
Little Conede	5,986,153	(309,949)	45.000	ee	••	(309,949)	5,676,204	132,821		132,821	0.2726
Little Canada	8,884,183	(394,784)	45,000	••	402.440	(349,784)	8,534,399	199,701		199,701	0.4098
Little Fans	9,904,450	(221,605)			423,449	201,844	10,106,294	236,483		235,483	0.4853
Mantomedi	3,766,046					U	3,766,046	88,124		88,124	0.1808
Mankato	21,567,541	<u>_</u>			533,081	533,081	22,100,622	517,145	••	517,145	1.0613
Maple Grove	30,642,844	0	2,355,000	117,514	2,548,247	5,020,761	35,663,605	834,513		834,513	1.7126
Maplewood	17,055,550	U 040 557	(74 504)			U	17,055,660	399,119		399,119	0.8191
Marshall	8,852,547	(1,316,557)	(74,504)		14,443	(1,376,618)	/,4/5,929	1/4,934		1/4,934	0.3590
Mendota Heights	7,023,884	(840,370)			8,970	(831,400)	6,192,484	144,902		144,902	0.2974
Minneapolis	228,629,709	(6,829,591)		1,918,503	8,212,678	3,301,590	231,931,299	5,427,095	••	5,427,095	11.13/4
Minnetonka	26,591,761	U	**		1,320,287	1,320,287	27,912,048	653,130	••	653,130	1.3403
Montevideo	4,/16,786	(285,953)		••	17,121	(268,832)	4,447,954	104,080		104,080	0.2136
Monticello	4,792,477	(124,838)			149,510	24,672	4,817,149	112,719	**	112,719	0.2313
Moornead	26,275,676	(970,393)		1,149,085	402,684	581,376	26,857,052	628,444		628,444	1.2897
Morris	3,557,999	(265,527)			2,379	(263,148)	3,294,851	77,098		77,098	0.1582
Mound	4,747,061	(200,345)			1,412,520	1,212,175	5,959,236	139,444		139,444	0.2862
Mounds View	5,937,211	(313,726)			211,979	(101,747)	5,835,464	136,547		136,547	0.2802
New Brighton	7,523,228	0			39,138	39,138	7,562,366	176,956	֥	176,956	0.3631
New Hope	11,802,995	0			183,000	183,000	11,985,995	280,467		280,467	0.5756
New Ulm	14,461,973	(12,879)		••	••	(12,879)	14,449,094	338,103		338,103	0.6938
North Branch	10,734,735	(312,005)	<u> </u>	••	•	(312,005)	10,422,730	243,887		243,887	0.5005
North Mankato	10,391,616	(194,874)			395,146	200,272	10,591,888	247,846	••	247,846	0.5086
North St. Paul	5,895,112	0			91,135	91,135	5,986,247	140,076	••	140,076	0.2875
Northfield	9,482,670	(503,465)	<u> </u>		8,850	(494,615)	8,988,055	210,317	••	· 210,317	0.4316
Oak Grove	7,822,066	(158,772))		66,876	(91,895)	7,730,171	180,883		180,883	0.3712
Oakdale	9,313,296	(135,241)	664,984		233,629	763,372	10,076,668	235,790		235,790	0.4839
Orono	10,543,466	(91,703)			299,726	208,023	10,751,489	251,580		251,580	0.5163
Otsego	9,802,016	(936,200))		8,900	(927,300)	8,874,716	207,665		207,665	0.4262
Owatonna	13,909,515	0				0	13,909,515	325,477	•	325,477	0.6679
Hymouth	30,007,893	0		1,124,050	200,901	1,324,951	31,332,844	733,175		733,175	1.5046

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<u>Same and a</u>		(-) - Jan (-)	(+ or -)	(+)	(+)			Construction	(1)	Tentative	
								Needs	TH	2000	
	1999 Actual	Unencumbered.		Non-		Total	1999 .	Apportion-	Turnback	Construction	%
	25-Year	Construction	Bond	Existing	R/W	Affect	Adjusted	Ment Minus	Main-	Needs	Of.
	Construction	Fund Balance	Account	🔄 Bridge 👘	Acquisition	Of the second	Construction	Turnback 🛀	tenance	Apportion-	Total
Municipality	Needs	Adjustment	Adjustment	Adjustment	Adjustment	Adjustments	Needs	Maintenance	Allowance	ment	Dist
Prior Lake	\$9,104,752	(\$644,835)			\$281,025	(\$363,810)	\$8,740,942	\$204,534		\$204,534	0.4197
Ramsey	15,305,496	(1,538,240)		357,631	144,451	(1,036,158)	14,269,338	333,896		333,896	0.6852
Red Wing	17,298,668	0			10,675	10,675	17,309,343	405,031		405,031	0.8312
Redwood Falls	5,925,248	(366,074)	(\$190,000)		=#	(556,074)	5,369,174	125,636		125,636	0.2578
Richfield	16,879,408	(2,759,561)			2,786,169	26,607	16,906,015	395,594	**	395,594	0.8118
Robbinsdale	6,226,243	(500,194)			••	(500,194)	5,726,049	133,987		133,987	0.2750
Rochester	43,493,864	(487,533)			3,600,111	3,112,578	46,606,442	1,090,571		1,090,571	2.2381
Rosemount	13,262,567	(520,055)	(250,000)	**		(770,055)	12,492,512	292,320	**	292,320	0.5999
Roseville	13,590,295	(770,216)	720,000	3,321,363	1,638,810	4,909,957	18,500,252	432,898	**	432,898	0.8884
St. Anthony	4,589,467	(266,711)				(266,711)	4,322,756	101,151		101,151	0.2076
St. Cloud	33,760,953	(723,737)	620,000		1,706,591	1,602,854	35,363,807	827,498	\$4,968	832,466	1.7084
St. Louis Park	24,746,105	0			351,001	1,096,999	25,843,104	604,718		604,718	1.2410
St. Michael	8,993,792	0		**		0	8,993,792	210,451		210,451	0.4319
St. Paul	178,842,307	0		••	5,344,373	5,344,373	184,186,680	4,309,891		4,309,891	8.8447
St. Paul Park	4,252,980	(521,723)		••		(521,723)	3,731,257	87,310		87,310	0.1792
St. Peter	9,491,646	(250,611)			26,182	(224,429)	9,267,217	216,849		216,849	0.4450
Sartell	5,553,561	(131,310)	••		115,505	(15,805)	5,537,756	129,581		129,581	0.2659
Sauk Rapids	5,464,268	(102,826)			37,569	(65,257)	5,399,011	126,335		126,335	0.2593
Savage	11,776,929	(386,619)	745,998		· · · · · · · · · · · · · · · · · · ·	359,379	12,136,308	283,984	••	283,984	0.5828
Shakopee	10,792,116	(641,167)	•••			(641,167)	10,150,949	237,528		237,528	0.4875
Shoreview	7,299,998	(258,762)			24,757	(234,005)	7,065,993	165,341		165,341	0.3393
Shorewood	5,995,239	(1,518,668)				(1,518,668)	4,476,571	104,750		104,750	0.2150
South St. Paul	10,014,637	(1,733,299)				(1,733,299)	8,281,338	193,780			0.3977
Spring Lake Park	1,872,294	0			132,644	132,644	2,004,938	46,915		46,915	0.0963
Stewartville	2,813,207	(213,945)				(213,945)	2,599,262	60,822		60,822	0.1248
Stillwater	8,101,768	(825,855)			19,061	(806,794)	7,294,974	170,699		170,699	0.3503
Thief River Falls	13,928,705	(181,132)			70,642	(110,490)	13,818,215	323,340	**	323,340	0.6636
Vadnais Heights	4,153,623	(24,534)			, ea	(24,534)	4,129,089	96,619		96,619	0.1983
Virginia	9,862,127	0			·	0	9,862,127	230,770	16,920	247,690	0.5083
Waconia	1,935,400	0				0	1,935,400	45,288		45,288	0.0929
Walte Park	4,986,702	0	••		28,764	28,764	5,015,466	117,360	••	117,360	0.2408
Waseca	4,569,691	(39,549)		••	5,000	(34,549)	4,535,142	106,120	••	106,120	0.2178
West St. Paul	6,112,089	(356,454)	•			(356,454)	5,755,635	134,679		134,679	0.2764
White Bear Lake	10,834,004	0		• • • • • • • • • • • • • • • • • • •	457,396	457,396	11,291,400	264,214		264,214	0.5422
Willmar	13,910,692	(1,029,935)			297,616	(732,319)	13,178,373	308,368	••	308,368	0.6328
Winona	13,837,034	(1,195,478)	••			(1,195,478)	12,641,556	295,807		295,807	0.6071
Woodbury	32,448,862	0	\$2,980,853	1,664,032	1,776,394	6,421,279	38,870,141	909,545	••	909,545	1.8666
Worthington	8,320,096	(836,026)		3	26,842	(809,181)	7,510,915	175,752		175,752	0.3607
STATE TOTAL	\$2.042.337.956	(\$69,709,058)	\$12.524.182	\$18.607.584	\$68.247.044	\$30,437,140	\$2.072.775.096	\$48,502,063	\$226 512	\$48,728,575	100.0000

Construction Needs Apportionment = \$48,502,063 / \$2,072,775,093= 0.023399578

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

ADJUSTMENTS

TO THE



1999 CONTRUCTION

NEEDS



	 	 · · · · · · · · · · · · · · · · · · ·	
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<u></u>	 ······	 	·····
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UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

The unencumbered amount available as of December 31, 1999 will be used as a deduction from each city's total needs adjustment for the 2000 apportionment. The September 1,1999 balance was used in this booklet. In 1996, the date that is used to deduct the unecumbered balances was changed from September 1 to December 31. See the Screening Board Resolution and the 1999 Needs Construction Apportionment spreadsheet . The total fund balance decreased by \$24,490,703 between September 1, 1998 and December 31,1998. The total fund balance increased \$372,259 between September 1,1998 and 1999 from \$69,336,224 to \$69,708,483. The September 1,1999 unencumbered amount available includes the 1999 total construction apportionment amount of \$69,709,058. Just like State Aid advances, the remaining bond principal of \$12,524,182 will be deducted from future allocations and can be considered as spent.

	Unencumbered	Unencumbered	Difference	State Aid	Percentage	Ratio bet
	Balance	Balance	Between	Advance	of Total	Balance &
	Available	Available	09-01-99	To be Paid	Amount	City's 1999
			and	From Future	in 1999	Construction
Municipalities	12-31-98	9-01-99	12-31-98	Allocations	Account	Allotment
Albert Lea	\$1,645,538	\$876,406	(\$769,132)		1.2572	2.1461
Alexandria	190,053	0	(190,053)	\$500,000	0.0000	0.0000
Andover	105,592	494,854	389,262		0.7099	0.9283
Anoka	0	13,529	13,529		0.0194	0.0422
Apple Valley	763,970	1,575,654	811,684		2.2603	1.6043
Arden Hills	28,268	228,864	200,596		0.3283	1.1409
Austin	1,389,798	947,570	(442,228)		1.3593	1.1325
Baxter	0	290,612	290,612		0.4169	0.0000
Bemidji	1,133,860	1,037,093	(96,767)		1.4877	3.6961
Blaine	969,363	1,850,576	881,213		2.6547	2.1000
Bloomington	352,316	2,075,047	1,722,731		2.9767	1.0107
Brainerd	1,097,418	1,375,286	277,868		1.9729	4.9494
Brooklyn Center	28,627	474,630	446,003		0.6809	0.7463
Brooklyn Park	458	1,007,247	1,006,789		1.4449	0.8780
Buffalo	0	0	0	500,000	0.0000	0.0000
Burnsville	0	430,593	430,593		0.6177	0.3765
Cambridge	122,180	242,127	119,947		0.3473	1.5571
Champlin	976,282	1,070,735	94,453		1.5360	2.9213
Chanhassen	538,342	1,039,435	501,093		1.4911	2.0743
Chaska	120,873	473,535	352,662		0.6793	1.3262
Chisholm	254,937	394,864	139,927		0.5664	2.8219
Cloquet	145,518	482,498	336,980		0.6922	1.5045
Columbia Heights	1,269,131	1,631,188	362,057		2.3400	4.5308
Coon Rapids	766,293	1,036,357	270,064		1.4867	0.7225
Corcoran	0	114,141	114,141	55,477	0.1637	0.7578
Cottage Grove	0	0	0	4,780	0.0000	0.0000
Crookston	153,216	553,855	400,639		0.7945	1.1997
Crystal	0	0	0	500,000	0.0000	0.0000
Dayton	0	26,671	26,671		0.0383	0.1426
Detroit Lakes	0	83,255	83,255		0.1194	0.3284
Duluth	0	720,967	720,967		1.0343	0.3270
Eagan	0	1,247,296	1,247,296		1.7893	0.8739
East Bethel	850,212	426,151	(424,061)		0.6113	1.5915
East Grand Forks	551,608	391,206	(160,402)		0.5612	1.7650
Eden Prairie	0	922,934	922,934		1.3240	0.6716

	Unencumbered Balance Available	Unencumbered Balance Available	Difference Between 09-01-99	State Aid Advance To be Paid	Percentage of Total Amount	Ratio bet Balance & City's 1999
Municipalities	12-31-98	9-01-99	12-31-98	Allocations	Account	Allotment
Edina	\$4,202,433	\$5,121,700	\$919,267	and the second	7.3473	5.5715
Elk River	0	0	0	\$669,690	0.0000	0.0000
Fairmont	0	0	0	609.056	0.0000	0.0000
Falcon Heights	336,196	294.945	(41,251)		0.4231	4.5894
Faribault	148.566	184.873	36.307	······	0.2652	0.3541
Farmington	56,455	389,285	332,830		0.5584	1,1696
Fergus Falls	275.660	645.723	370.063		0.9263	1.7449
Forest Lake	0	97.029	97.029		0.1392	0.6354
Fridlev	108,602	384,644	276.042		0.5518	0.8466
Glencoe	0	0	0	213.523	0.0000	0.0000
Golden Valley	539,267	1.045.326	506.059		1,4996	2.0656
Grand Rapids	0	0	0	·····	0.0000	0.0000
Ham Lake	28.219	0	(28,219)	350,000	0.0000	0.0000
Hastings	0	0	0	500,000	0.0000	0.0000
Hermantown	0	198,480	198 480	131,967	0 2847	0 9541
Hibbing	1,174,728	1.132.290	(42,438)		1.6243	1.6329
Hopkins	404 491	0	(404 491)	1,270	0 0000	0.0000
Нидо	0	175.440	175 440	.,	0 2517	0.3677
Hutchinson	218 116	660,322	442 206		0.9473	1 4932
International Falls	556 629	163.647	(392 982)		0 2348	0.6992
Inver Grove Heights	1 127 105	1.734.381	607 276		2 4880	2 8560
Lake Elmo	0	29.708	29,708		0.0426	0.1565
	0	0.	0	23.787	0.0000	0.0000
Lino Lakes	258,496	672.266	413,770		0.9644	1.6247
Litchfield	142,729	309.949	167,220		0.4446	1.8535
Little Canada	168,403	394,784	226.381		0.5663	1,7439
Little Falls	0	221.605	221.605		0.3179	0.6527
Mahtomedi	0	0	0	155.937	0.0000	0.0000
Mankato	0	0	0	264.257	0.0000	0.0000
Maple Grove	192	0	(192)		0.0000	0.0000
Maplewood	0	0	0	650,000	0.0000	0.0000
Marshall	950.365	1.316.557	366,192		1.8886	3,5953
Mendota Heights	613,653	840.370	226,717		1,2055	3,5076
Minneapolis	2.114.777	6.829.591	4.714.814		9,7973	0.9422
Minnetonka	0	0	0	1,300,000	0.0000	0.0000
Montevideo	103,705	285.953	182,248		0.4102	1,5690
Monticello	0	124.838	124.838		0.1791	0.7236
Moorhead	759 674	970.393	210,719		1 3921	1 1158
Morris	258 416	265.527	7 111	<u></u>	0.3809	2 1204
Mound	217 830	200.345	(17 485)		0.2874	0.9471
Mounds View	554 876	313,726	(241 150)		0.4501	1 2851
New Brighton	0	0	(211,100)	<u></u>	0,0000	0.0000
New Hope	0	<u>_</u>	<u></u>		0.0000	0.000
New Lilm	<u>_</u>	12 879	12 870		0.0000	0.0000
North Branch	60 976	312 005	251 020		0.0100	1 2420
North Mankata	0	40/ 97/	10/ 97/		0.2706	0.6742
		134,0/4	134,0/4	500.000	0.2790	0.0742
Northfield	902 795	503 AGE	(200.220)	500,000	0.0000	1 4062
4 -	003,703	503,485	(300,320)		0.1222	1.4903

And the second second second	Unencumbered	Unencumbered	Difference	State Aid	Percentage	Ratio bet
	Balance	Balance	Between	Advance	of Total	Balance &
	Available	Available	09-01-99	To be Paid	Amount	City's 1999
			and	From Future	in 1999	Construction
Municipalities	12-31-98	9-01-99	12-31-98	Allocations	Account	Allotment
Oak Grove	\$0	\$158,772	\$158,772		0.2278	0.6159
Oakdale	0	135,241	135,241		0.1940	0.2268
Orono	513,502	91,703	(421,799)	419,510	0.1316	0.3435
Otsego	993,913	936,200	(57,713)		1.3430	4.0744
Owatonna	0	0	0	\$400,000	0.0000	0.0000
Plymouth	0	0	0	· · · · · · · · · · · · · · · · · · ·	0.0000	0.0000
Prior Lake	313,295	644,835	331,540		0.9250	1.9450
Ramsey	1,008,450	1,538,240	529,790		2.2067	2.9035
Red Wing	0	0	0	233,976	0.0000	0.0000
Redwood Falls	208,630	366,074	157,444		0.5251	2.3251
Richfield	2,287,265	2,759,561	472,296		3.9587	3.8376
Robbinsdale	166,389	500,194	333,805		0.7175	1.4985
Rochester	969,847	487,533	(482,314)		0.6994	0.2319
Rosemount	89,713	520,055	430,342		0.7460	1.0499
Roseville	0	770,216	770,216		1.1049	1.0000
St. Anthony	134,314	266,711	132,397		0.3826	1.5100
St. Cloud	0	723,737	723,737		1.0382	0.4295
St. Louis Park	0	0	0	720,000	0.0000	0.0000
St. Michael	199,414	0	(199,414)	500,000	0.0000	0.0000
St. Paul	0	0	0	······	0.0000	0.0000
St. Paul Park	395,431	521,723	126,292		0.0000	4.1311
St. Peter	221,712	250,611	28,899		0.3595	0.7167
Sartell	0	131,310	131,310	450,000	0.1884	0.5484
Sauk Rapids	0	102,826	102,826		0.1475	0.3888
Savage	325,425	386,619	61,194	,	0.5546	0.7668
Shakopee	278,776	641,167	362,391		0.9198	1.7693
Shoreview	0	258,762	258,762		0.3712	0.4558
Shorewood	1,356,588	1,518,668	162,080		2.1786	9.3699
South St. Paul	1,949,517	1,733,299	(216,218)		2.4865	4.6773
Spring Lake Park	0	0	0		0.0000	0.0000
Stewartville	106,649	213,945	107,296		0.3069	1.9940
Stillwater	505,458	825,855	320,397		1.1847	2.5776
Thief River Falls	447,938	181,132	(266,806)		0.2598	0.5593
Vadnais Heights	0	24,534	24,534	<u>-</u> <u>-</u>	0.0352	0.0917
Virginia	0	0	0		0.0000	0.0000
Waconia	0	0	<u> </u>	440.070	0.0000	0.0000
Vvaite Park	0	0	0	149,273	0.0000	0.0000
vvaseca	98,509	39,549	(58,960)		0.0567	0.2182
vvest St. Paul	/9,082	356,454	2//,3/2	450.000	0.5113	0.9953
VVNITE Bear Lake	0	0	0	450,000	0.0000	0.0000
vviimar	1,233,415	1,029,935	(203,480)		1.4//5	2.39/3
Winona	655,581	1,195,478	539,897		1.7150	2.2065
Woodbury	0	0	0	1,019,101	0.0000	0.0000
Worthington	668,511	836,026	167,515		1.1993	2.5719
TOTAL	\$44,845,521	\$69,709,058	\$24,863,537	\$11,271,603	100.0000	0.9221

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 1998)

(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
			Total	(A Minus B)			minus E)
			Amount	Amount Not	Remaining	· . · ·	
			Applied Toward	Applied Toward	Amount of	Off System	Bond
	Date of	Amount of	State Aid	State Aid	Principal	Disburse-	Account
Municipality	Issue	Issue	Projects	Projects	To Be Paid	ment	Adjustment
Apple Valley	8-01-79	\$875,000	\$875,000	\$0	\$160,000		\$160,000
Apple Valley	9-09-91	1,730,000	1,730,000	0	1,250,000		1,250,000
Brooklyn Center	9-01-91	1,055,000	1,055,000	0	1,055,000		1,055,000
Brooklyn Center	12-1-98 **	1,945,000	1,945,000	0	1,945,000		0
Cambridge	8-01-94	650,000	641,142	8,858 *	545,000		536,142
Cloquet	12-01-93	835,000	835,000	0	425,000		425,000
Eagan	12-01-96 **	995,000	995,000	0	525,000		796,000
Eden Prairie	11-10-91	370,000	370,000	0	145,000		145,000

28-Sep-99

		(A)	(B)	(C)	(D)	(E)	(D Minus C)
			Total	(A Minus B)			minus E)
			Amount	Amount Not	Remaining		
[Applied Toward	Applied Toward	Amount of	Off System	Bond
	Date of	Amount of	State Aid	State Aid	Principal	Disburse-	Account
Municipality	lssue	issue	Projects	Projects	To Be Paid	ment	Adjustment
Eden Prairie	7-01-92	\$1,940,000	\$1,902,697	\$37,303	\$150,000		\$112,697
Elk River	6-01-92	1,095,000	1,095,000	0	185,000		185,000
Falcon Heights	4-21-80	170,000	142,012	27,988	0		(27,988)
Glencoe	8-01-98 **	1,105,000	0	1,105,000	1,105,000		0
Ham Lake	9-01-94	530,000	530,000	0	270,000		270,000
Little Canada	11-01-93	315,000	300,000	15,000 *	60,000		45,000
Maple Grove	11-01-94	3,620,000	3,620,000	0	2,355,000		2,355,000
Marshall	7-01-81	310,000	235,496	74,504	0		(74,504)
North Mankato	8-01-98 **	1,900,000	0	1,900,000	1,900,000		0
Oakdale	11-10-92	453,181	453,181	0	198,064		198,064
Oakdale	11-23-93	887,640	887,640	0	466,920		466,920
Redwood Falls	12-01-82	215,000	25,000	190,000	0		(190,000)
Rosemount	7-05-94	700,000	0	, 700,000	450,000		(250,000)
Roseville	12-01-85	2,225,000	2,225,000	0	720,000		720,000
St. Cloud	11-01-92	1,940,000	1,755,000	185,000	805,000		620,000
Savage	10-01-87	875,000	875,000	0	100,000		100,000
Savage	06-17-96 **	717,775	0	717,775	657,775		645,998
Savage	10-01-97 **	820,000	428,051	391,949	820,000		· O
Woodbury	10-01-94	3,890,000	3,870,853	19,147	3,000,000		2,980,853
TOTAL		\$32,163,596	\$26,791,072	\$5,372,524	\$19,292,759	\$0	\$12,524,182

* Overhead costs

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.

			Year of		Project		
		First Year	Apport-	15 Years	Development	Draight	Total
Municipality	MSAS No.	Adjustment	Expiration	Expired		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	107	1997	2011		51,335	285,194	336,529
Edina	174	1997	2011		168,883	938,240	1,107,123
Hutchinson	108	1998	2012		212,207	617,479	829,686
Lakeville	122	1996	2010		146,346	813,036	959,382
Maple Grove	127	2000	2014		17,926	99,588	117,514
Minneapolis	336	1986	2000	(1,277,551)	194,881	1,082,670	
	419	1996	2010		292,653	1,625,850	1,918,503
Moorhead	135	1998	2012		175,284	973,801	1,149,085
Plymouth	153	1999	2013		171,465	952,585	1,124,050
Ramsey	104	1998	2012		54,554	303,077	357,631
Red Wing	122	1986	2000	(1,169,742)	178,435	991,307	
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			ar Margaret	(\$2,447,293)	\$3,136,595	\$17,918,279	\$18,607,581

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

PROJECT LISTING OF RIGHT-OF-WAY ACQUISITION

MUNICIPALITY	PROJECT	AMOUNT	ADJUSTMENT
Andover	198-119-003	\$1.689	\$1.689
Austin	104-135-005	216,058	216,058
Bloominton	107-020-041	511,846	
	107-385-012	511,846	
	107-399-023	375,345	1,399,038
Brooklyn Park	110-103-010	328,952	328,952
Champlin *	193-114-001	230,007	
•		(231,760)	(1,753)
Dayton	229-102-001	5,281	5,281
Duluth	118-151-009	4 233	
	118-160-018	187,436	191,669
Eden Prairie	181-020-021	247,269	247,269
	004 404 004	10 105	
EIK RIVER	204-131-001	49,185	
	204-132-001	. 12,028	61,213
Fergus Falls	126-104-003	18,149	
	126-131-001	13,897	32,046
Ham Lake	197-102-002	72,857	72,857
Hermantown	202-103-005	27,626	27,626
Hibbing	131-225-002	6,665	6,665
Lakeville	188-122-003	2,140,230	2,140,230
Lino Lakes	210-115-001	19,494	
	210-115-002	32,058	51,552
Little Falls	136-010-004	10.450	
	136-115-001	5,076	15,526
Mankato	137-109-003	99,906	99,906
Minnetonka	142-002-018	50,370	
	142-147-004	26 465	
	142-161-001	111 586	188 421
		111,000	100,121

		PROJECT	TOTAL
MUNICIPALITY	PROJECT	AMOUNT	ADJUSTMENT
Mound	145-108-002	2,554	2,554
Mounds View	146-020-008	211,979	211,979
New Brighton	147-020-022	39,138	39,138
North St. Paul	151-261-001	13,067	13,067
Oak Grove	223-109-001	12,325	12,325
Orono	152-020-007	55,448	
	152-020-009	202,927	
	152-107-001	11,187	269,562
Richfield	157-020-010	63,445	
	157-361-016	261,966	325,411
Shoreview	167-266-001	9,025	9,025
St. Cloud	162-101-006	977,550	977,550
Willmar	175-153-010	167,616	167,616
Woodbury	192-101-005	83,225	
	192-108-003	1,323,554	1,406,779
			\$8,519,249

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

MUNICIPALITY	1983-1997 RIGHT-OF-WAY EXPENDITURES	1998-1999 • RIGHT-OF-WAY EXPENDITURES	1983 EXPIRED = RIGHT-OF-WAY EXPENDITURES	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2000 APPORTIONMENT
Albert Lea	¢6 927			¢6 827
Alexandria	ψ0,027			φ0,027
Andover	150 801	1 689		152 490
Anoka	192 181			192,181
Apple Valley		······································		
Arden Hills		····· <u>································</u>		
Austin	<u></u>	216.058		216.058
Baxter				
Bemidii	220.201			220.201
Blaine	486,514			486,514
Bloomington	9,938,660	1,399,038		11,337,698
Brainerd	567,219		······································	567,219
Brooklyn Center	2,523,341	•••		2,523,341
Brooklyn Park	379,375	328,952	······································	708,327
Buffalo			······································	
Burnsville	1,334,446			1,334,446
Cambridge				
Champlin	123,432	(1,753)		121,679
Chanhassen	65,000			65,000
Chaska	92,467			92,467
Chisholm	**************************************			
Cloquet				
Columbia Heights	136,330			136,330
Coon Rapids	1,060,488			1,060,488
Corcoran	25,058			25,058
Cottage Grove	458,865			458,865
Crookston	959,364			959,364
Crystal	3,682,636		-	3,682,636
Dayton		5,281		5,281
Detroit Lakes				
Duluth	300,135	191,669		491,804
Eagan	392,508		271,918	664,426
East Bethel	17,200			17,200
East Grand Forks	121,700			121,700
Eden Prairie		247,269		247,269
Edina	305,393			305,393
Elk River	238,839	61,213		300,052
Fairmont	73,163			73,163
Falcon Heights				
Faribault	2,346		(2,346)	

	1983-1997 RIGHT-OF-WAY	1998-1999 + RIGHT-OF-WAY	1983 EXPIRED - RIGHT-OF-WAY	TOTAL RIGHT-OF-WAY = ADJUSTMENT FOR 2000
MUNICIPALITY	EXPENDITURES	EXPENDITURES	EXPENDITURES	APPORTIONMENT
Farmington	\$83,865			\$83,865
Fergus Falls	85,349	32,046		117,395
Forest Lake	64,783			64,783
Fridley	95,081			95,081
Glencoe			•••	
Golden Valley	419,693			419,693
Grand Rapids				
Ham Lake	131,576	72,857		204,433
Hastings	84			
Hermantown	129,858	27,626		157,484
Hibbing	191,360	6,665		198,025
Hopkins	1,000	·····		1,000
Hugo	121,190	· •••	•	121,190
Hutchinson	341,250			341,250
International Falls				
Inver Grove Heights	1,127,132		== 	1,127,132
Lake Elmo	106,951			106,951
Lakeville	712,328	2,140,230		2,852,558
Lino Lakes	64,950	51,552		116,502
Litchfield		·····		••
Little Canada				
Little Falls	407,923	15,526		423,449
Mahtomedi				
Mankato	433,175	99,906		533,081
Maple Grove	2,548,247			2,548,247
Maplewood				
	14,443		•••	14,443
Mendota Heights	8,970			8,970
Minneapolis	8,212,678			8,212,078
	1,131,866	188,421		1,320,287
	17,121	••	••	17,121
	149,510	•••		149,510
Moornead	402,684		•••	402,004
Mound	2,379			2,379
Nound Moundo Mieur	1,409,900	2,004	···	1,412,520
Now Prighten	•• 	211,979		211,575
New Brighton		39,130		192.000
New Hope	163,000			103,000
New Ulm	== 	== 		AA
	205 440	الله علي المراجع	••• ••••••••••••••••••••••••••••••••••	
	395,146			395,146
Northfold	/ 8,068	13,007		91,135
Northilela	8,85U	40.005		0,00U
Oak Grove	54,551	12,325		00,070
Оакоаје	233,629			233,629

			1983 .	TOTAL RIGHT-OF-WAY
	1983-1997	1998-1999	EXPIRED =	ADJUSTMENT
	RIGHT-OF-WAY 4	RIGHT-OF-WAY	RIGHT-OF-WAY	FOR 2000
MUNICIPALITY	EXPENDITURES	EXPENDITURES		APPORTIONMENT
Orono	\$30,164	269.562	9999 Steer on Heiddel Alard Inco (Steer Handblack Heiddel)	\$299.726
Otsego	8.900			8,900
Owatonna				
Plymouth	200,901	······································		200,901
Prior Lake	281,025			281,025
Ramsey	153,271		(8,820)	144,451
Red Wing	72,851		(62,176)	10,675
Redwood Falls				
Richfield	2,460,758	325,411		2,786,169
Robbinsdale				
Rochester	3,631,013		(30,902)	3,600,111
Rosemount				
Roseville	1,638,810			1,638,810
St. Anthony				
St. Cloud	1,489,274	977,550	(760,233)	1,706,591
St. Louis Park	351,001	<u></u>		351,001
St. Michael		·····		
St. Paul	5,361,250		(16,877)	5,344,373
St. Paul Park	###			
St. Peter	26,182			26,182
Sartell	115,505			115,505
Sauk Rapids	37,569			37,569
Savage				
Shakopee				
Shoreview	15,732	9,025	· · · · · · · · · · · · · · · · · · ·	24,757
Shorewood		÷-		
South St. Paul	==			
Spring Lake Park	132,644	مي من <u>محمد ي</u>		132,644
Stewartville			····	
Stillwater	19,061			19,061
Thief River Falls	70,642	**		70,642
Vadnais Heights		***		
Virginia	······································		•••	
Waconia				
Waite Park	28,764			28,764
vvaseca	5,000			5,000
vvest St. Paul		•••		
vvnite Bear Lake	279,823		177,573	457,396
vviiimar	130,000	167,616		297,616
vvinona				
VVOOdbury	369,615	1,406,779		1,776,394
vvortnington	26,842			26,842
TOTAL	\$60,159,658	\$8,519,249	(\$431,863)	\$68,247,044

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.

Mese	Date				표정철부위가 문	Miles	Data of	Maintenance	Total
Routo		Project	Plan	Total	Milee		Date of	Eligible Miles	Maintonanco
No	Release	Number	Approved	Mileane	Const	Maint	Designation	2 \$7 200	Allocation
Brooklyn Park			<u>, rippio joa</u>	<u></u>			Doorgination		Anotation
139 (TH 252)	7-15-94		No	2.94	0.00	2.94	12-94	\$21,168	\$21,168
Cambridge					0.00	2.0 .		<i>421,100</i>	421,100
113 (TH 65)	11-1-94		No	2.15	0.00	2.15	12-94	15,480	15,480
Chanhassen								,	,
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	4,752	
								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	0.95	0.95	0.00	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							
		signal	Yes	2.11	0.15	1.96		14,112	
132 (TH 59)	11-1-94		No	<u>1.40</u>	<u>0.00</u>	<u>1.40</u>	11-94	<u>10,080</u>	
				6.06	0.94	5.12		36,864	36,864
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	0.00	12-90	0	
		162-131-04	Yes	0.23	0.23	0.00	12-90	0	
		162-145-01	Yes	1.80	1.11	0.69	12-90	4,968	
		162-145-02	Yes	<u>0.17</u>	0.17	0.00	12-90	4 000	4 000
Virginia				2.33	1.04	0.69		4,908	4,968
225 (TH 125)	6.1.06		No	2 25	0.00	2.25	09.06	16 020	46 000
Willmar	0-1-90		INO	2.30	0.00	2.33	00-90	10,920	10,920
153 (TH 71)	6-91		No	A A7	3.86	0.61	90-80	1 302	A 303
TOTAL				40 07	0.00	22.07	00-00		-,002 6920 004

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September 28, 1999

Elwyn Tinklenberg, Commissioner Mail Stop 100 395 John Ireland Blvd. St. Paul, MN 55155

Dear Commissioner Tinklenberg:

We, the undersigned, as members of the 1999 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 2000 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

Ken Ashfeld	Vacant	David Jessup
Maple Grove		Woodbury
Chair	Vice Chair	· Secretary
David Salo	David Kildahl	Terry Wotzka
Hermantown	Crookston	Waite Park Sauk Ranids
District 1	District 2	District 3
Tim Schoonhoven	Lee Gustafson	David Olson
Alexandria	Minnetonka	Albert Lea
District 4	Metro West	District 6
Steven P. Koehler	Daniel Sarff	Mark Burch
New Ulm	Litchfield	White Bear Lake
District 7	District 8	Metro East
Dean Beeman	Ramankutty Kannankutty	Ed Warn
Duluth	Minneapolis	Saint Paul

Attachment: Money Needs Listing

An equal opportunity employer

	Adjusted	'n palvi		Adjusted
	Construction			Construction
Municipality	Needs		Municipality	Needs
		1915 - 1914 -		
Albert Lea	\$12,323,109		Maplewood	17,056,660
Alexandria	8,283,378		Marshall	7,475,929
Andover	16,483,756		Mendota Heights	6,192,484
Anoka	7,989,485		Minneapolis	231,931,299
Apple Valley	21,459,637		Minnetonka	27,912,048
Arden Hills	4,982,288		Montevideo	4,447,954
Austin	24,394,942		Monticello	4,817,149
Baxter	9,449,879		Moorhead	26,857,052
Bemidji	8,191,730		Morris	3,294,851
Blaine	18,799,868		Mound	5,959,236
Bloomington	75,517,740		Mounds View	5,835,464
Brainerd	7,144,797		New Brighton	7,562,366
Brooklyn Center	14,819,266		New Hope	11,985,995
Brooklyn Park	21,768,594		New Ulm	14,449,094
Buffalo	7,093,396		North Branch	10,422,730
Burnsville	26,768,887		North Mankato	10,591,888
Cambridge	5,875,650		North St. Paul	5,986,247
Champlin	7,356,541		Northfield	8,988,055
Chanhassen	11,221,840		Oak Grove	7,730,171
Chaska	9,916, <u>5</u> 32		Oakdale	10,076,668
Chisholm	4,570,824		Orono	10,751,489
Cloquet	12,388,719		Otsego	8,874,716
Columbia Heights	7,747,935		Owatonna	13,909,515
Coon Rapids	24,236,744		Plymouth	31,332,844
Corcoran	6,067,127		Prior Lake	8,740,942
Cottage Grove	18,860,140		Ramsey	14,269,338
Crookston	15,665,222		Red Wing	17,309,343
Crystal	14,614,703		Redwood Falls	5,369,174
Dayton	6,098,063		Richfield	16,906,015
Detroit Lakes	6,603,040		Robbinsdale	5,726,049
Duluth	80,123,822		Rochester	46,606,442
Eagan	23,213,703		Rosemount	12,492,512
East Bethel	11,552,283		Roseville	18,500,252
East Grand Forks	6,931,133		St. Anthony	4,322,756
Eden Prairie	27,506,594		St. Cloud	35,363,807
Edina	20,331,721		St. Louis Park	25,843,104
Elk River	18,413,619		St. Michael	8,993,792
Fairmont	19,242,754		St. Paul	184,186,680
Falcon Heights	797,655		St. Paul Park	3,731,257
Faribault	19,011,302		St. Peter	9,267,217
Farmington	12,012,014		Sartell	5,537,756

	Adjusted		Adjusted
	Construction		Construction
Municipality	Needs	Municipality	Needs
Fergus Falls	13,278,192	Sauk Rapids	5,399,011
Forest Lake	4,132,115	Savage	12,136,308
Fridley	8,618,412	Shakopee	10,150,949
Glencoe	4,733,645	Shoreview	7,065,993
Golden Valley	14,386,788	Shorewood	4,476,571
Grand Rapids	9,120,592	South St. Paul	8,281,338
Ham Lake	10,082,677	Spring Lake Park	2,004,938
Hastings	6,644,187	Stewartville	2,599,262
Hermantown	4,993,994	Stillwater	7,294,974
Hibbing	28,215,523	Thief River Falls	13,818,215
Hopkins	8,473,200	Vadnais Heights	4,129,089
Hugo	7,856,401	Virginia	9,862,127
Hutchinson	10,543,009	Waite Park	1,935,400
International Falls	5,432,178	Waconia	5,015,466
Inver Grove Heights	14,718,406	Waseca	4,535,142
Lake Elmo	4,317,587	West St. Paul	5,755,635
Lakeville	37,565,877	White Bear Lake	11,291,400
Lino Lakes	12,423,569	Willmar	13,178,373
Litchfield	5,676,204	Winona	12,641,556
Little Canada	8,534,399	Woodbury	38,870,141
Little Falls	10,106,294	Worthington	7,510,915
Mahtomedi	3,766,046		
Mankato	22,100,622		
Maple Grove	35,663,605	STATE TOTAL	2,072,775,096

THEORETICAL 2000 M.S.A.S. TOTAL APPORTIONMENT

Theoretical 2000 APPT.xis

The following tabulation shows each municipality's tentative construction (money) needs and population apportionment amounts for 2000. The tentative apportionment shown in this summary is for informational purposes only. The actual revenue will be announced in January 2000, when the Commissioner of Transsportation determines the annual allotments. This summary includes Waconia.

2000 Appt. Municipality Construction Using 1990 Census or 98 Estimate Theoretical Apportionment Theoretical Percentage 98 Estimate Albert Lea \$281,948 \$288,356 \$570,304 0.5852 Albert Lea \$281,948 \$288,356 \$570,304 0.5852 Albert Lea \$281,948 \$288,356 \$570,304 0.5852 Andover 357,389 385,713 743,102 0.7625 Andover 357,389 385,713 743,102 0.7625 Anoka 276,575 186,951 463,526 0.4736 Apple Valley 669,237 502,146 1,171,383 1.2019 Arden Hills 149,912 116,583 266,495 0.2734 Austin 339,145 570,031 909,976 0.9337 Baster 79,890 221,123 301,013 0.3089 Bemidj 186,738 1,767,083 3,113,871 3.1959 Bioomington 1,346,785 791,512 0.3782 Brooklyn Park 984,426 530,544		Tentative	Tentative		
Municipality Census or 98 Estimate Needs Apport/onment 2000 Total Apport/onment Distribution Percentage Albert Lea \$281,948 \$288,356 \$570,304 0.5852 Alexandria 132,391 193,828 326,219 0.3347 Andover 357,389 385,771 743,102 0.7625 Anoka 276,575 186,961 463,526 0.4756 Apple Valley 669,237 502,146 1,171,333 1.2019 Arden Hills 149,912 116,583 266,495 0.2734 Austin 339,145 570,831 909,976 0.9337 Baxter 79,890 221,123 301,013 0.3089 Bemidji 186,139 191,683 377,822 0.3877 Blane 690,545 439,909 1,130,454 1.1599 Brooklyn Center 444,747 346,765 791,512 0.3788 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Burfabutio 148,957 165,982 314,939		2000 Appt.	Construction	Theoretical	
Census or 98 Estimate Apportionment 93,337 Apportionment 5281,948 Apportionment 5281,948 Percentage 5281,948 Albert Lea \$281,948 \$288,356 \$570,304 0.5852 Alexandria 132,391 193,828 326,219 0.3347 Andover 357,389 385,713 743,102 0.7625 Anoka 276,575 186,951 463,526 0.4756 Apple Valley 669,237 502,146 1,171,383 1.2019 Arden Hills 149,912 116,553 266,495 0.2734 Austin 339,145 570,831 909,976 0.9337 Baxter 79,800 221,123 301,013 0.3089 Bemidji 186,139 191,683 377,822 0.3877 Blaine 690,545 439,909 1,130,454 1.1589 Bloomington 1,346,788 1,767,083 3,113,871 3.1951 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 982,123 152,	Municipality	Using 1990	Needs	2000 Total	Distribution
98 Estimate Albert Lea \$281,948 \$288,356 \$570,304 0.5852 Alexandria 132,391 193,828 326,219 0.3347 Andover 357,389 385,713 743,102 0.7625 Andover 357,389 385,713 743,102 0.7625 Anoka 276,575 186,951 463,526 0.4756 Apple Valley 669,237 502,146 1,171,383 1.2019 Arden Hills 149,912 116,553 266,495 0.2734 Austin 333,145 570,831 909,976 0.9337 Barter 79,890 221,123 301,013 0.3089 Broidiji 186,139 191,863 377,822 0.3877 Blaine 690,545 439,909 1,130,454 1.1599 Brookiyn Center 444,747 346,765 791,512 0.3122 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Burnsville 903,827 626,906 534,5		Census or	Apportionment	Apportionment	Percentage
Albert Lea \$281,948 \$288,356 \$570,304 0.5852 Alexandria 132,391 193,628 326,219 0.3347 Andover 357,389 335,713 743,102 0.7625 Anoka 276,575 186,951 463,526 0.4756 Apple Valley 669,237 502,146 1,171,383 1.2019 Arden Hills 149,912 116,583 266,495 0.2734 Austin 339,145 570,331 909,976 0.9337 Baxter 79,890 221,123 301,013 0.3089 Berniciji 186,139 191,683 377,822 0.3877 Blane 690,545 439,909 1,130,454 1.1599 Bloomington 1,346,788 1,767,083 3,113,871 3.1951 Brooklyn Center 444,747 346,765 791,512 0.3787 Bursville 903,827 666,381 1,530,208 1.5701 Cambridge 82,123 152,968 236,909 236,909 <td< th=""><th></th><th>98 Estimate</th><th></th><th></th><th></th></td<>		98 Estimate			
Alexandria 132,391 193,828 326,219 0.3347 Andover 357,389 385,713 743,102 0.7625 Anoka 276,575 186,951 463,526 0.4756 Apple Valley 669,237 502,146 1,171,383 1,2019 Arden Hills 149,912 116,583 266,495 0.2734 Austin 339,145 570,831 909,976 0.9337 Baxter 79,890 221,123 301,013 0.3089 Bemidji 186,139 191,683 377,822 0.3877 Blaine 690,545 439,909 1,130,454 1.1599 Bloomington 1,346,788 1,767,083 3,113,871 3.1951 Brainerd 202,967 167,185 370,152 0.3798 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Buffalo 148,957 165,982 314,930 0.2412 Champlin 313,849 172,140 485,989 0.4987	Albert Lea	\$281,948	\$288,356	\$570,304	0.5852
Andover 357,389 385,713 743,102 0.7625 Anoka 276,575 186,951 463,526 0.4766 Apple Valley 669,237 502,146 1,171,383 1.2019 Arden Hills 149,912 116,583 266,495 0.2734 Austin 339,145 570,831 909,976 0.9337 Baxter 79,890 221,123 301,013 0.3089 Bernidji 186,133 191,683 377,822 0.3877 Blaine 690,545 439,909 1,130,454 1.1559 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Center 444,747 346,765 791,512 0.8122 Burnsville 903,827 626,381 1,50,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,989 0.4987 Champlin 81,445 108,899 190,344 0.4866	Alexandria	132,391	193,828	326,219	0.3347
Anoka 276,575 186,951 463,526 0.4756 Apple Valley 669,237 502,146 (1,171,383 1.2019 Arden Hills 149,912 116,583 266,495 0.2734 Austin 339,145 570,831 909,976 0.9337 Baxter 79,890 221,123 301,013 0.3089 Bemidiji 186,139 191,683 377,822 0.3877 Blaine 690,545 439,909 1,130,454 1.1559 Biomington 1,346,788 1,767,083 3,113,871 3.1951 Brainerd 202,967 167,185 370,152 0.8122 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 984,426 530,544 1,514,970 0.5232 Burnsville 903,827 626,381 1,530,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,959 0.4867	Andover	357,389	385,713	743,102	0.7625
Apple Valley 669,237 502,146 1,171,383 1.2019 Arden Hills 149,912 116,583 266,495 0.2734 Austin 339,145 570,831 909,976 0.9337 Baxter 79,890 221,123 301,013 0.3089 Bemidji 186,139 191,683 377,822 0.3877 Blaine 690,545 439,909 1,130,454 1.1599 Bronington 1,346,788 1,767,083 3,113,871 3.1951 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Buffalo 148,957 165,982 314,939 0.3232 Burnsville 903,827 626,381 1,530,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Chanhassen 267,599 266,906 534,505 0.5485 Chaska 236,499 232,043 468,542 0.4808	Anoka	276,575	186,951	463,526	0.4756
Arden Hills 149,912 116,583 266,495 0.2734 Austin 339,145 570,831 909,976 0.9337 Baxter 79,890 221,123 301,013 0.3089 Bemidji 186,139 191,683 377,822 0.3877 Blaine 690,545 439,909 1,130,454 1.1599 Bloomington 1,346,788 1,767,083 3,113,871 3.1951 Brainerd 202,967 167,185 370,152 0.3798 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Buffalo 148,957 165,982 314,939 0.3232 Burnsville 903,827 626,381 1,530,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Chanplin 313,849 172,140 485,989 0.4987 Chanhassen 267,599 266,906 534,505 0.5485 Chaska 236,499 232,043 466,371 0.4785	Apple Valley	669,237	502,146	1,171,383	1.2019
Austin 339,145 570,831 909,976 0.9337 Baxter 79,890 221,123 301,013 0.3089 Bemidji 186,139 191,683 377,822 0.3877 Blaine 690,545 439,909 1,130,454 1.1599 Bloomington 1,346,788 1,767,083 3,113,871 3.1951 Brainerd 202,967 167,185 370,152 0.3798 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Buffalo 149,957 165,982 314,939 0.3232 Burnsville 903,827 626,381 1,530,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Chanhassen 267,599 266,906 534,505 0.5485 Chaska 236,499 232,043 466,371 0.4785 Columbia Heights 291,140 181,298 472,438 0.4848	Arden Hills	149,912	116,583	266,495	0.2734
Baxter 79,890 221,123 301,013 0.3089 Bemidji 186,139 191,683 377,822 0.3877 Blaine 690,545 433,909 1,130,454 1.1599 Bloomington 1,346,788 1,767,083 3,113,871 3.1951 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Buffalo 148,957 165,982 314,939 0.3232 Burnsville 903,827 626,381 1,530,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,989 0.4987 Chanska 236,499 232,043 466,371 0.4785 Colquet 171,728 294,643 466,371 0.4785	Austin	339,145	570,831	909,976	0.9337
Bernidji 186,139 191,683 377,822 0.3877 Blaine 690,545 433,909 1,130,454 1.1599 Bloomington 1,346,788 1,767,083 3,113,871 3.1951 Brainerd 202,967 167,185 370,152 0.3798 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Buffalo 148,957 165,982 314,939 0.3232 Burnsville 903,827 626,381 1,530,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,989 0.4987 Chanbassen 287,599 266,906 534,505 0.5485 Chaska 236,499 232,043 468,542 0.4808 Chisholm 81,445 108,899 190,344 0.1953 Columbia Heights 291,140 181,298 472,438 0.4848 <	Baxter	79,890	221,123	301,013	0.3089
Blaine 690,545 439,909 1,130,454 1.1599 Bloomington 1,346,788 1,767,083 3,113,871 3.1951 Brainerd 202,967 167,185 370,152 0.3798 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Buffalo 148,957 165,982 314,939 0.3232 Burnsville 903,827 626,381 1,530,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,989 0.4987 Chanhassen 267,599 266,906 534,505 0.5485 Chaska 236,499 232,043 466,542 0.4808 Colquet 171,728 294,643 466,371 0.4785 Colquet 171,728 294,643 466,371 0.4785 Corcoran 87,727 141,968 229,695 0.2357 <	Bemidji	186,139	191,683	377,822	0.3877
Bloomington 1,346,788 1,767,083 3,113,871 3,1951 Brainerd 202,967 167,185 370,152 0.3798 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Buffalo 148,957 165,982 314,939 0.3232 Burnsville 903,827 626,381 1,630,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,989 0.4987 Chanhassen 267,599 266,906 534,505 0.5485 Chaska 236,499 232,043 468,542 0.4808 Chisholm 81,445 108,899 190,344 0.1953 Cloquet 171,728 294,643 466,371 0.4785 Columbia Heights 291,140 181,298 472,438 0.4848 Coorcan 87,727 141,968 229,695 0.2357 <td>Blaine</td> <td>690,545</td> <td>439,909</td> <td>1,130,454</td> <td>1.1599</td>	Blaine	690,545	439,909	1,130,454	1.1599
Brainerd 202,967 167,185 370,152 0.3798 Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Buffalo 148,957 165,982 314,939 0.3232 Burnsville 903,827 626,381 1,530,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,989 0.4987 Chanhassen 267,599 266,906 534,505 0.5485 Chaska 236,499 232,043 468,542 0.4808 Chisholm 81,445 108,899 190,344 0.1953 Cloquet 171,728 294,643 466,371 0.4785 Columbia Heights 291,140 181,298 472,438 0.4848 Coon Rapids 953,079 567,130 1,520,209 1.5599 Corcoran 87,727 141,968 229,695 0.2357	Bloomington	1,346,788	1,767,083	3,113,871	3.1951
Brooklyn Center 444,747 346,765 791,512 0.8122 Brooklyn Park 984,426 530,544 1,514,970 1.5545 Buffalo 148,957 165,982 314,939 0.3232 Burnsville 903,827 626,381 1,530,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,989 0.4987 Chanhassen 267,599 266,906 534,650 0.5485 Chaska 236,499 232,043 468,542 0.4808 Chisholm 81,445 108,899 190,344 0.1953 Cloquet 171,728 294,643 466,371 0.4785 Colon Rapids 953,079 567,130 1,520,209 1.5599 Corcoran 87,727 141,968 229,695 0.2357 Cotage Grove 471,582 441,319 912,901 0.9367 Crookston 125,278 366,560 491,838 0.5047	Brainerd	202,967	167,185	370,152	0.3798
Brooklyn Park 984,426 530,544 1,514,970 1.5545 Buffalo 148,957 165,982 314,939 0.3232 Burnsville 903,827 626,381 1,530,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,989 0.4987 Chanhassen 267,599 266,906 534,505 0.5485 Chaska 236,499 232,043 468,542 0.4808 Chisholm 81,445 108,899 190,344 0.1953 Cloquet 171,728 294,643 466,371 0.4785 Columbia Heights 291,140 181,298 472,438 0.4848 Coorcan 87,727 141,968 229,695 0.2357 Cottage Grove 471,582 441,319 912,901 0.9367 Croystal 366,242 341,978 708,220 0.7267 Dayton 79,197 142,692 221,889 0.2277	Brooklyn Center	444,747	346,765	791,512	0.8122
Buffalo 148,957 165,982 314,939 0.3232 Burnsville 903,827 626,381 1,530,208 1.6701 Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,989 0.4987 Chanhassen 267,599 266,906 534,505 0.5485 Chaska 236,499 232,043 468,542 0.4808 Chisholm 81,445 108,899 190,344 0.1953 Cloquet 171,728 294,643 466,371 0.4785 Columbia Heights 291,140 181,298 472,438 0.4848 Coon Rapids 953,079 567,130 1,520,209 1.5599 Corcoran 87,727 141,968 229,695 0.2357 Cotage Grove 471,582 441,319 912,901 0.9367 Crystal 366,242 341,978 708,220 0.7267 Dayton 79,197 142,692 221,889 0.2277	Brooklyn Park	984,426	530,544	1,514,970	1.5545
Burnsville 903,827 626,381 1,530,208 1.5701 Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,989 0.4987 Chanhassen 267,599 266,906 534,505 0.5485 Chaska 236,499 232,043 468,542 0.4808 Chisholm 81,445 108,899 190,344 0.1953 Cloquet 171,728 294,643 466,371 0.4785 Colquet 171,728 294,643 466,371 0.4785 Colon Rapids 953,079 567,130 1,520,209 1.5599 Corcoran 87,727 141,968 229,695 0.2257 Cotst	Buffalo	148,957	165,982	314,939	0.3232
Cambridge 82,123 152,968 235,091 0.2412 Champlin 313,849 172,140 485,989 0.4987 Chanhassen 267,599 266,906 534,505 0.5485 Chaska 236,499 232,043 468,542 0.4808 Chisholm 81,445 108,899 190,344 0.1953 Cloquet 171,728 294,643 466,371 0.4785 Columbia Heights 291,140 181,298 472,438 0.4848 Coor Rapids 953,079 567,130 1,520,209 1.5599 Corcoran 87,727 141,968 229,695 0.2357 Cottage Grove 471,582 441,319 912,901 0.9367 Crookston 125,278 366,560 491,838 0.5047 Crystal 366,242 341,978 708,220 0.7267 Dayton 79,197 142,692 221,889 0.2277 Detroit Lakes 113,438 154,508 267,946 0.2749	Burnsville	903,827	626,381	1,530,208	1.5701
Champlin 313,849 172,140 485,989 0.4987 Chanhassen 267,599 266,906 534,505 0.5485 Chaska 236,499 232,043 468,542 0.4808 Chisholm 81,445 108,899 190,344 0.1953 Cloquet 171,728 294,643 466,371 0.4785 Columbia Heights 291,140 181,298 472,438 0.4848 Coon Rapids 953,079 567,130 1,520,209 1.5599 Corcoran 87,727 141,968 229,695 0.2357 Cottage Grove 471,582 441,319 912,901 0.9367 Crookston 125,278 366,560 491,838 0.5047 Crystal 366,242 341,978 708,220 0.7267 Dayton 79,197 142,692 221,889 0.2277 Detroit Lakes 113,438 154,508 267,946 0.2749 Duluth 1,316,257 1,992,944 3,309,201 3.3955 <tr< td=""><td>Cambridge</td><td>82,123</td><td>152,968</td><td>235,091</td><td>0.2412</td></tr<>	Cambridge	82,123	152,968	235,091	0.2412
Chanhassen267,599266,906534,5050.5485Chaska236,499232,043468,5420.4808Chisholm81,445108,899190,3440.1953Cloquet171,728294,643466,3710.4785Columbia Heights291,140181,298472,4380.4848Coon Rapids953,079567,1301,520,2091.5599Corcoran87,727141,968229,6950.2357Cottage Grove471,582441,319912,9010.9367Crookston125,278366,560491,8380.5047Crystal366,242341,978708,2200.7267Dayton79,197142,692221,8890.2277Detroit Lakes113,438154,508267,9460.2749Duluth1,316,2571,992,9443,309,2013.3955Eagan924,889543,1911,468,0801.5064East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,5741,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Fairmont295,251444,856740,1070.7594	Champlin	313,849	172,140	485,989	0.4987
Chaska 236,499 232,043 468,542 0.4808 Chisholm 81,445 108,899 190,344 0.1953 Cloquet 171,728 294,643 466,371 0.4785 Columbia Heights 291,140 181,298 472,438 0.4848 Coon Rapids 953,079 567,130 1,520,209 1.5599 Corcoran 87,727 141,968 229,695 0.2357 Cottage Grove 471,582 441,319 912,901 0.9367 Crookston 125,278 366,560 491,838 0.5047 Crystal 366,242 341,978 708,220 0.7267 Dayton 79,197 142,692 221,889 0.2277 Detroit Lakes 113,438 154,508 267,946 0.2749 Duluth 1,316,257 1,992,944 3,309,201 3.3955 Eagan 924,889 543,191 1,468,080 1.5064 East Grand Forks 133,299 162,186 295,485 0.3032	Chanhassen	267,599	266,906	534,505	0.5485
Chisholm81,445108,899190,3440.1953Cloquet171,728294,643466,3710.4785Columbia Heights291,140181,298472,4380.4848Coon Rapids953,079567,1301,520,2091.5599Corcoran87,727141,968229,6950.2357Cottage Grove471,582441,319912,9010.9367Crookston125,278366,560491,8380.5047Crystal366,242341,978708,2200.7267Dayton79,197142,692221,8890.2277Detroit Lakes113,438154,508267,9460.2749Duluth1,316,2571,992,9443,309,2013.3955Eagan924,889543,1911,468,0801.5064East Bethel154,808270,319425,1270.4362East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Farboult295,251444,856740,1070,7594	Chaska	236,499	232,043	468,542	0.4808
Cloquet 171,728 294,643 466,371 0.4785 Columbia Heights 291,140 181,298 472,438 0.4848 Coon Rapids 953,079 567,130 1,520,209 1.5599 Corcoran 87,727 141,968 229,695 0.2357 Cottage Grove 471,582 441,319 912,901 0.9367 Crookston 125,278 366,560 491,838 0.5047 Crystal 366,242 341,978 708,220 0.7267 Dayton 79,197 142,692 221,889 0.2277 Detroit Lakes 113,438 154,508 267,946 0.2749 Duluth 1,316,257 1,992,944 3,309,201 3.3955 Eagan 924,889 543,191 1,468,080 1.5064 East Bethel 154,808 270,319 425,127 0.4362 East Grand Forks 133,299 162,186 295,485 0.3032 Eden Prairie 780,289 643,643 1,423,932 1.4611 Edina 727,234 475,754 1,202,988 1.2344 <td>Chisholm</td> <td>81,445</td> <td>108,899</td> <td>190,344</td> <td>0.1953</td>	Chisholm	81,445	108,899	190,344	0.1953
Columbia Heights291,140181,298472,4380.4848Coon Rapids953,079567,1301,520,2091.5599Corcoran87,727141,968229,6950.2357Cottage Grove471,582441,319912,9010.9367Crookston125,278366,560491,8380.5047Crystal366,242341,978708,2200.7267Dayton79,197142,692221,8890.2277Detroit Lakes113,438154,508267,9460.2749Duluth1,316,2571,992,9443,309,2013.3955Eagan924,889543,1911,468,0801.5064East Bethel154,808270,319425,1270.4362East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070.7594	Cloquet	171,728	294,643	466,371	0.4785
Coon Rapids953,079567,1301,520,2091.5599Corcoran87,727141,968229,6950.2357Cottage Grove471,582441,319912,9010.9367Crookston125,278366,560491,8380.5047Crystal366,242341,978708,2200.7267Dayton79,197142,692221,8890.2277Detroit Lakes113,438154,508267,9460.2749Duluth1,316,2571,992,9443,309,2013.3955Eagan924,889543,1911,468,0801.5064East Bethel154,808270,319425,1270.4362Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070,7594	Columbia Heights	291,140	181,298	472,438	0.4848
Corcoran87,727141,968229,6950.2357Cottage Grove471,582441,319912,9010.9367Crookston125,278366,560491,8380.5047Crystal366,242341,978708,2200.7267Dayton79,197142,692221,8890.2277Detroit Lakes113,438154,508267,9460.2749Duluth1,316,2571,992,9443,309,2013.3955Eagan924,889543,1911,468,0801.5064East Bethel154,808270,319425,1270.4362Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070.7594	Coon Rapids	953,079	567,130	1,520,209	1.5599
Cottage Grove471,582441,319912,9010.9367Crookston125,278366,560491,8380.5047Crystal366,242341,978708,2200.7267Dayton79,197142,692221,8890.2277Detroit Lakes113,438154,508267,9460.2749Duluth1,316,2571,992,9443,309,2013.3955Eagan924,889543,1911,468,0801.5064East Bethel154,808270,319425,1270.4362East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Fairmont295,251444,856740,1070.7594	Corcoran	87,727	141,968	229,695	0.2357
Crookston125,278366,560491,8380.5047Crystal366,242341,978708,2200.7267Dayton79,197142,692221,8890.2277Detroit Lakes113,438154,508267,9460.2749Duluth1,316,2571,992,9443,309,2013.3955Eagan924,889543,1911,468,0801.5064East Bethel154,808270,319425,1270.4362East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070.7594	Cottage Grove	471,582	441,319	912,901	0.9367
Crystal366,242341,978708,2200.7267Dayton79,197142,692221,8890.2277Detroit Lakes113,438154,508267,9460.2749Duluth1,316,2571,992,9443,309,2013.3955Eagan924,889543,1911,468,0801.5064East Bethel154,808270,319425,1270.4362East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070.7594	Crookston	125,278	366,560	491,838	0.5047
Dayton79,197142,692221,8890.2277Detroit Lakes113,438154,508267,9460.2749Duluth1,316,2571,992,9443,309,2013.3955Eagan924,889543,1911,468,0801.5064East Bethel154,808270,319425,1270.4362East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070,7594	Crystal	366,242	341,978	708,220	0.7267
Detroit Lakes113,438154,508267,9460.2749Duluth1,316,2571,992,9443,309,2013.3955Eagan924,889543,1911,468,0801.5064East Bethel154,808270,319425,1270.4362East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070,7594	Dayton	79,197	142,692	221,889	0.2277
Duluth1,316,2571,992,9443,309,2013.3955Eagan924,889543,1911,468,0801.5064East Bethel154,808270,319425,1270.4362East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070,7594	Detroit Lakes	113,438	154,508	267,946	0.2749
Eagan924,889543,1911,468,0801.5064East Bethel154,808270,319425,1270.4362East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070,7594	Duluth	1.316.257	1,992,944	3,309,201	3,3955
East Bethel154,808270,319425,1270.4362East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070,7594	Eagan	924,889	543,191	1,468.080	1,5064
East Grand Forks133,299162,186295,4850.3032Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070,7594	East Bethel	154,808	270.319	425,127	0.4362
Eden Prairie780,289643,6431,423,9321.4611Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070,7594	East Grand Forks	133,299	162.186	295.485	0.3032
Edina727,234475,7541,202,9881.2344Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070.7594	Eden Prairie	780.289	643.643	1.423.932	1.4611
Elk River241,934430,871672,8050.6904Fairmont174,222450,272624,4940.6408Falcon Heights82,92318,665101,5880.1042Faribault295,251444,856740,1070.7594	Edina	727.234	475,754	1.202.988	1.2344
Fairmont 174,222 450,272 624,494 0.6408 Fairmont 82,923 18,665 101,588 0.1042 Faribault 295,251 444,856 740,107 0.7594	Elk River	241,934	430.871	672.805	0.6904
Falcon Heights 82,923 18,665 101,588 0.1042 Faribault 295,251 444,856 740,107 0.7594	Fairmont	174.222	450,272	624,494	0.6408
Faribault 295.251 444.856 740.107 0.7594	Falcon Heights	82,923	18,665	101.588	0.1042
	Faribault	295.251	444 856	740 107	0 7594

	Tentative	Tentative		States and States
	-2000 Appt.	Construction	Theoretical	
Municipality	Using 1990	Needs	2000 Total	Distribution
	Census or	Apportionment	Apportionment	Percentage
	98 Estimate			
Farmington	\$162,629	\$281,076	\$443,705	0.4553
Fergus Falls	203,598	347,568	551,166	0.5655
Forest Lake	104,817	96,690	201,507	0.2068
Fridley	440,728	201,667	642,395	0.6592
Glencoe	81,692	110,765	192,457	0.1975
Golden Valley	323,333	336,645	659,978	0.6772
Grand Rapids	130.836	213,418	344.254	0.3532
Ham Lake	185,199	235,930	421,129	0.4321
Hastings	271.371	155.471	426,842	0.4380
Hermantown	111.021	116.857	227.878	0.2338
Hibbing	277.838	660.231	938,069	0.9625
Hopkins	259,994	198,269	458,263	0.4702
Hugo	90.329	183.836	274,165	0.2813
Hutchinson	199.980	246,702	446.682	0.4583
International Falls	127,803	127,111	254,914	0.2616
Inver Grove Heights	448.811	344,404	793,215	0.8139
l ake Elmo	99.967	101.030	200 997	0 2062
	592.842	879.026	1 471 868	1 5103
	231,757	292.722	524 479	0.5382
Litchfield	96.626	132 821	229 447	0.2354
Little Canada	148 203	199 701	347 904	0.2570
Little Falls	117 934	236 483	354 417	0.3637
Mahtomedi	112 114	88 124	200 238	0.2055
Mankato	493 691	517 145	1 010 836	1 0372
Manle Grove	726 141	834 513	1,510,654	1.6012
Maplewood	544,329	399,119	943 448	0.9681
Marshall	195 315	174 934	370 249	0.3799
Mendota Heights	158 472	144 902	303 374	0.3113
Minneanolis	5 671 656	5 427 095	11 098 751	11 3883
Minnetonka	811 235	653 130	1 464 365	1 5026
Montevideo	84 663	104 080	188 743	0 1937
Monticello	108 989	112 719	221 708	0.1007
Moorhead	522 358	628 444	1 150 802	1 1808
Morris	87 542	77 098	164 640	0 1689
Mound	150 543	139 ///	289 987	0.1009
Mounds View	197 978	136 547	334 525	0.2970
New Brighton	251 862	176 956	529 949	0.5435
New Hope	336,002	280 467	<u> </u>	0.5420
New Llim	245 822	200,407	552 025	0.0330
North Branch	07 672		244 560	0.0004
North Manketa	97,073	243,007	341,000	0.3505
North St. Doul	101,120	441,040	420,300	0.4402
Northfield	197,000	140,070	337,167	0.3460
	249,509	210,317	459,826	0.4/18
	101,183	180,883	282,066	0.2894
Orana	401,237	235,/90	<u> </u>	0.6536
	118,581	251,580	<u> </u>	0.3/98
	101,152	207,665	308,817	0.3169
Owatonna	326,181	325,477	651,658	0.6687

	Tentative	Tentative		
	2000 Appt.	Construction	Theoretical	
Municipality	Using 1990	Needs	2000 Total	Distribution
	Census or	Apportionment	Apportionment	Percentage
	98 Estimate			AND ALL
Plymouth	\$969,630	\$733,175	\$1,702,805	1.7472
Prior Lake	226,122	204,534	430,656	0.4419
Ramsey	278,346	333,896	612,242	0.6282
Red Wing	244,090	405,031	649,121	0.6661
Redwood Falls	80,460	125,636	206,096	0.2115
Richfield	549,794	395,594	945,388	0.9701
Robbinsdale	221,642	133,987	355,629	0.3649
Rochester	1,235,166	1,090,571	2,325,737	2.3864
Rosemount	202,397	292,320	494,717	0.5076
Roseville	528,178	432,898	961,076	0.9862
St. Anthony	129,620	101,151	230,771	0.2368
St. Cloud	917,360	832,466	1,749,826	1.7955
St. Louis Park	681,184	604,718	1,285,902	1.3195
St. Michael	117,672	210,451	328,123	0.3367
St. Paul	4,191,353	4,309,891	8,501,244	8.7231
St. Paul Park	77,689	87,310	164,999	0.1693
St. Peter	150,835	216,849	367,684	0.3773
Sartell	131,652	129,581	261,233	0.2680
Sauk Rapids	147,648	126,335	273,983	0.2811
Savage	262,349	283,984	546,333	0.5606
Shakopee	246,999	237,528	484,527	0.4972
Shoreview	406,872	165,341	572,213	0.5871
Shorewood	107,896	104,750	212,646	0.2182
South St. Paul	312,048	193,780	505,828	0.5190
Spring Lake Park	109,512	46,915	156,427	0.1605
Stewartville	80,398	60,822	141,220	0.1449
Stillwater	248,385	170,699	419,084	0.4300
Thief River Falls	128,465	323,340	451,805	0.4636
Vadnais Heights	204,522	96,619	301,141	0.3090
Virginia	145,200	247,690	392,890	0.4031
Waconia	81,738	45,288	127,026	0.1303
Waite Park	95,302	117,360	212,662	0.2182
Waseca	135,732	106,120	241,852	0.2482
West St. Paul	300,547	134,679	435,226	0.4466
White Bear Lake	407,765	264,214	671,979	0.6895
Willmar	290,817	308,368	599,185	0.6148
Winona	409,382	295,807	705,189	0.7236
Woodbury	598,061	909,545	1,507,606	1.5469
Worthington	158,642	175,752	334,394	0.3431
TOTAL	\$48,728,575	\$48,728,575	\$97,457,150	100.0000

		Estimated	Increase	%
	1999 Total	2000 Total	(Decrease)	Increase
Municipality	Apportionment	Apportionment	Amount	Decrease
		* -70.004	* 05 000	4 7404
Albert Lea	\$544,484	\$570,304	\$25,820	4./421
Alexandria	325,162	320,219	1,057	0.3251
Andover	/61,566	/43,102	(18,464)	-2.4245
Anoka	427,372	463,526	36,154	8.4596
Apple Valley	1,109,631	1,171,383	61,752	5.5651
Arden Hills	267,462	266,495	(967)	-0.3615
Austin	877,987	909,976	31,989	3.6434
Baxter	307,382	301,013	(6,369)	-2.0720
Bemidji	374,126	377,822	3,696	0.9879
Blaine	1,174,951	1,130,454	(44,497)	-3.7871
Bloomington	3,158,654	-3,113,871	(44,783)	-1.4178
Brainerd	370,491	370,152	(339)	-0.0915
Brooklyn Center	843,563	791,512	(52,051)	-6.1704
Brooklyn Park	1,550,761	1,514,970	(35,791)	-2.3080
Buffalo	359,381	314,939	(44,442)	-12.3663
Burnsville	1,524,900	1,530,208	5,308	0.3481
Cambridge	228,117	235,091	6,974	3.0572
Champlin	488,700	485,989	(2,711)	-0.5547
Chanhassen	530,988	534,505	3,517	0.6624
Chaska	476,065	468,542	(7,523)	-1.5802
Chisholm	188,514	190,344	1,830	0.9708
Cloquet	498,135	466,371	(31,764)	-6.3766
Columbia Heights	480,027	472,438	(7,589)	-1.5810
Coon Rapids	1,493,640	1,520,209	26,569	1.7788
Corcoran	231,723	229,695	(2,028)	-0.8752
Cottage Grove	945,980	912,901	(33,079)	-3.4968
Crookston	511,657	491,838	(19,819)	-3.8735
Crystal	747,803	708,220	(39,583)	-5.2932
Dayton	249,331	221,889	(27,442)	0.0000
Detroit Lakes	272,107	267,946	(4,161)	-1.5292
Duluth	3,268,081	3,309,201	41,120	1.2582
Eagan	1,509,794	1,468,080	(41,714)	-2.7629
East Bethel	357,015	425,127	68,112	19.0782
East Grand Forks	295,522	295,485	(37)	-0.0125
Eden Prairie	1,447,560	1,423,932	(23,628)	-1.6323
Edina	1,225,690	1,202,988	(22,702)	-1.8522
Elk River	669,690	672,805	3,115	0.4651
Fairmont	636,926	624,494	(12,432)	-1.9519
Falcon Heights	98,871	101,588	2,717	2.7480
Faribault	696,131	740,107	43,976	6.3172
Farmington	443,774	443,705	(69)	-0.0155
Fergus Falls	531,362	551,166	19,804	3.7270
Forest Lake	203,610	201,507	(2,103)	-1.0329

		Estimated Increase		%	
	1999 Total	2000 Total	(Decrease)	Increase	
Municipality	Apportionment	Apportionment	Amount	Decrease	
Fridley	\$649,058	\$642,395	(\$6,663)	-1.0266	
Glencoe	226,532	192,457	(34,075)	-15.0420	
Golden Valley	674,745	659,978	(14,767)	-2.1885	
Grand Rapids	333,383	344,254	10,871	3.2608	
Ham Lake	414,260	421,129	6,869	1.6581	
Hastings	421,849	426,842	4,993	1.1836	
Hermantown	248,033	227,878	(20,155)	-8.1259	
Hibbing	924,557	938,069	13,512	1.4615	
Hopkins	445,449	458,263	12,814	2.8766	
Hugo	304,709	274,165	(30,544)	-10.0240	
Hutchinson	463,701	446,682	(17,019)	-3.6703	
International Falls	246,123	254,914	8,791	3.5718	
Inver Grove Heights	809,702	793,215	(16,487)	-2.0362	
Lake Elmo	205,920	200,997	(4,923)	-2.3907	
Lakeville	1,327,787	1,471,868	144,081	10.8512	
Lino Lakes	553,710	524,479	(29,231)	-5.2791	
Litchfield	222,960	229,447	6,487	2.9095	
Little Canada	305,042	347,904	42,862	14.0512	
Little Falls	360,520	354,417	(6,103)	-1.6928	
Mahtomedi	200,303	200,238	(65)	-0.0325	
Mankato	1,063,195	1,010,836	(52,359)	-4.9247	
Maple Grove	1,528,075	1,560,654	32,579	2.1320	
Maplewood	932,237	943,448	11,211	1.2026	
Marshall	386,772	370,249	(16,523)	-4.2720	
Mendota Heights	319,448	303,374	(16,074)	-5.0318	
Minneapolis	11,152,122	11,098,751	(53,371)	-0.4786	
Minnetonka	1,459,230	1,464,365	5,135	0.3519	
Montevideo	195,118	188,743	(6,375)	-3.2673	
Monticello	230,047	221,708	(8,339)	-3.6249	
Moorhead	1,159,589	1,150,802	(8,787)	-0.7578	
Morris	166,970	164,640	(2,330)	-1.3955	
Mound	282,050	289,987	7,937	2.8140	
Mounds View	325,514	334,525	9,011	2.7682	
New Brighton	545,870	528,818	(17,052)	-3.1238	
New Hope	622,164	616,918	(5,246)	-0.8432	
New Ulm	469,922	553,925	84,003	17.8759	
North Branch	334,705	341,560	6,855	2.0481	
North Mankato	416,983	428,966	11,983	2.8737	
North St. Paul	337,786	337,161	(625)	-0.1850	
Northfield	448,628	459,826	11,198	2.4961	
Oak Grove	281,634	282,066	432	0.1534	
Oakdale	648,571	637,027	(11,544)	-1.7799	
Orono	355,988	370,161	14,173	3.9813	
Otsego	306,366	308,817	2,451	0.8000	
Owatonna	638,545	651,658	13,113	2.0536	
Plymouth	1,706,058	1,702,805	(3,253)	-0.1907	
Prior Lake	442,053	430,656	(11,397)	-2.5782	
Ramsey	614,790	612,242	(2,548)	-0.4145	

		Estimated	Increase	%
	1999 Total	2000 Total	(Decrease)	Increase
Municipality	Apportionment	Apportionment	Amount	Decrease
Red Wing	\$672,345	\$649,121	(\$23,224)	-3.4542
Redwood Falls	209,926	206,096	(3,830)	-1.8245
Richfield	958,768	945,388	(13,380)	-1.3955
Robbinsdale	348,895	355,629	6,734	1.9301
Rochester	2,352,388	2,325,737	(26,651)	-1.1329
Rosemount	545,332	494,717	(50,615)	-9.2815
Roseville	1,026,955	961,076	(65,879)	-6.4150
St. Anthony	235,502	230,771	(4,731)	-2.0089
St. Cloud	1,794,713	1,749,826	(44,887)	-2.5011
St. Louis Park	1,268,123	1,285,902	17,779	1.4020
St. Michael	314,377	328,123	13,746	4.3725
St. Paul	8,495,366	8,501,244	5,878	0.0692
St. Paul Park	168,390	164,999	(3,391)	0.0000
St. Peter	367,203	367,684	481	0.1310
Sartell	246,891	261,233	14,342	5.8090
Sauk Rapids	279,710	273,983	(5,727)	-2.0475
Savage	597,304	546,333	(50,971)	-8.5335
Shakopee	483,188	484,527	1,339	0.2771
Shoreview	588,426	572,213	(16,213)	-2.7553
Shorewood	216,107	212,646	(3,461)	-1.6015
South St. Paul	494,104	505,828	11,724	2.3728
Spring Lake Park	155,680	156,427	747	0.4798
Stewartville	143,062	141,220	(1,842)	0.0000
Stillwater	427,196	419,084	(8,112)	-1.8989
Thief River Falls	431,771	451,805	20,034	4.6400
Vadnais Heights	277,218	301,141	23,923	8.6297
Virginia	334,808	392,890	58,082	17.3479
Waconia	0	127,026	127,026	
Waite Park	234,679	212,662	(22,017)	-9.3818
Waseca	241,698	241,852	154	0.0637
West St. Paul	443,128	435,226	(7,902)	-1.7832
White Bear Lake	656,931	671,979	15,048	2.2907
Willmar	577,222	599,185	21,963	3.8049
Winona	722,404	705,189	(17,215)	-2.3830
Woodbury	1,394,101	1,507,606	113,505	8.1418
Worthington	339,780	334,394	(5,386)	-1.5851
TOTAL	\$97,457,150	\$97,457,150	\$0	0.0000

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TENTATIVE 2000 APPORTIONMENT RANKINGS

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

		2000			2000			2000
	1999	Tentative		1999	Tentative		1999	Tentative
	Total	Population		Total	Money Needs		Total	Total
	Needs	Apportionment		Needs	Apportionment		Needs	Apportionment
Municipality	Mileage	Per Need Mile	Municipality	Mileage	Per Neea Mile	Municipality	Mileage	Per Need Mile
Falcon Heights	2.54	\$32,647	Crookston	11.53	\$31,792	Minneapolis	202.12	\$54,912
Minneapolis	202.12	28,061	Minneapolis	202.12	26,851	St. Paul	164.13	51,796
Hopkins	9.33	27,866	St. Paul	164.13	26,259	Hopkins	9.33	49,117
New Hope	12.70	26,492	Farmington	11.96	23,501	New Hope	12.70	48,576
St. Paul	164.13	25,537	Bloomington	75.35	23,452	St. Louis Park	28.65	44,883
Vadnais Heights	8.32	24,582	Fairmont	19.41	23,198	Crookston	11.53	42,657
Shoreview	16.75	24,291	New Hope	12.70	22,084	Bloomington	75.35	41,325
Oakdale	16.72	23,997	Thief River Falls	14.66	22,056	St. Anthony	5.63	40,990
St. Louis Park	28.65	23,776	New Ulm	15.33	22,055	Falcon Heights	2.54	39,995
New Brighton	14.95	23,536	Moorhead	28.94	21,715	Stewartville	3.54	39,893
Coon Rapids	40.97	23,263	Hopkins	9.33	21,251	Moorhead	28.94	39,765
Columbia Heights	12.53	23,235	St. Louis Park	28.65	21,107	Crystal	17.88	39,610
St. Anthony	5.63	23,023	Woodbury	43.22	21,045	Rochester	60.48	38,455
West St. Paul	13.10	22,943	Austin	27.70	20,608	Northfield	12.06	38,128
Stewartville	3.54	22,711	Faribault	22.22	20,021	Oakdale	16.72	38,100
Robbinsdale	10.10	21,945	Orono	12.58	19,998	Columbia Heights	12.53	37,705
Anoka	12.64	21,881	Crystal	17.88	19,126	Waseca	6.42	37,672
Richfield	25.49	21,569	North Mankato	13.06	18,977	Owatonna	17.56	37,110
Maplewood	25.48	21,363	Grand Rapids	11.40	18,721	Coon Rapids	40.97	37,105
Waseca	6.42	21,142	Owatonna	17.56	18,535	Farmington	11.96	37,099
Brooklyn Park	46.62	21,116	Maple Grove	45.09	18,508	Richfield	25.49	37,089
White Bear Lake	19.60	20,804	Lakeville	47.64	18,451	Maplewood	25.48	37,027
Northfield	12.06	20,689	Little Canada	10.94	18,254	Brooklyn Center	21.56	36,712
Burnsville	43.70	20,683	Virginia	13.67	18,119	Anoka	12.64	36,671
Brooklyn Center	21.56	20,628	Waite Park	6.48	18,111	Forest Lake	5.53	36,439
Spring Lake Park	5.34	20,508	Rochester	60.48	18,032	Vadnais Heights	8.32	36,195
Crystal	17.88	20,483	St. Anthony	5.63	17,966	New Ulm	15.33	36,133
Rochester	60.48	20,423	Worthington	9.81	17,916	Mound	8.05	36,023
Arden Hills	7.41	20,231	Duluth	111.31	17,904	Arden Hills	7.41	35,964
Blaine	34.22	20,180	Red Wing	22.93	17,664	New Brighton	14.95	35,372
Mounds View	9.82	20,161	Mankato	29.32	17,638	Robbinsdale	10.10	35,211

9/29/99

	4000	Z000		4000	2000			2000 9/29/99
	Total	Population		Total	Money Noode		1999 Tetel	l entative
	Needs	Apportionment		Needs	Apportionment		Neode	Apporticement
Municipality	Mileage	Per Need Mile	Municipality	Mileage	Per Need Mile	Municipality	Mileage	Per Need Mile
Eagan	46.13	\$20,050	Forest Lake	5.53	\$17,485	Apple Valley	33.38	\$35,092
Apple Valley	33.38	20,049	Northfield	12.06	17,439	Burnsville	43.70	35.016
South St. Paul	16.32	19,121	Baxter	12.70	17,411	Woodbury	43.22	34.882
Forest Lake	5.53	18,954	Mound	8.05	17,322	Maple Grove	45.09	34,612
Winona	21.75	18,822	St. Peter	12.53	17,306	Mankato	29.32	34,476
Inver Grove Heights	23.86	18,810	Stewartville	3.54	17,181	White Bear Lake	19.60	34,285
Plymouth	51.66	18,769	Savage	16.85	16,854	Shoreview	16.75	34,162
Mound	8.05	18,701	Buffalo	9.86	16,834	Worthington	9.81	34.087
Owatonna	17.56	18,575	Hutchinson	14.73	16,748	Mounds View	9.82	34.066
Edina	39.36	18,476	Waseca	6.42	16,530	St. Cloud	51.97	33.670
Roseville	28.60	18,468	St. Paul Park	5.30	16,474	Roseville	28.60	33,604
North St. Paul	10.68	18,454	Elk River	26.17	16,464	Eden Prairie	42.66	33.379
Champlin	17.01	18,451	Brooklyn Center	21.56	16,084	Faribault	22.22	33,308
Eden Prairie	42.66	18,291	St. Cloud	51.97	16,018	Inver Grove Heights	23.86	33,245
Moorhead	28.94	18,050	Redwood Falls	7.87	15,964	West St. Paul	13.10	33,223
Bloomington	75.35	17,874	Glencoe	7.02	15,778	Blaine	34.22	33,035
Stillwater	14.02	17,713	International Falls	8.06	15,771	Plymouth	51.66	32,962
St. Cloud	51.97	17,652	Arden Hills	7.41	15,733	Austin	27.70	32,851
Fridley	25.02	17,615	Lino Lakes	18.67	15,679	North Mankato	13.06	32,846
Hastings	16.09	16,866	Maplewood	25.48	15,664	Waite Park	6.48	32,818
Mankato	29.32	16,838	Richfield	25.49	15,520	Brooklyn Park	46.62	32,496
Minnetonka	49.89	16,260	Litchfield	8.58	15,480	Savage	16.85	32,423
Worthington	9.81	16,171	Albert Lea	18.74	15,387	Winona	21.75	32,422
Maple Grove	45.09	16,104	Dayton	9.28	15,376	Fairmont	19.41	32,174
International Falls	8.06	15,856	Sartell	8.46	15,317	Buffalo	9.86	31,941
Cottage Grove	30.24	15,595	Otsego	13.61	15,258	Eagan	46.13	31,825
Savage	16.85	15,570	Chaska	15.30	15,166	Little Canada	10.94	31,801
Sartell	8.46	15,562	Roseville	28.60	15,136	International Falls	8.06	31,627
Chaska	15.30	15,457	Little Falls	15.67	15,091	North St. Paul	10.68	31,569
Buffalo	9.86	15,107	Eden Prairie	42.66	15,088	St. Paul Park	5.30	31,132
Albert Lea	18.74	15,045	Apple Valley	33,38	15,043	South St. Paul	16.32	30,994
Prior Lake	15.14	14,935	Anoka	12.64	14,790	Lakeville	47.64	30,896
Waite Park	6.48	14,707	Cloquet	20.14	14,630	Sartell	8.46	30,879
St. Paul Park	5.30	14,658	Cottage Grove	30.24	14,594	Thief River Falls	14.66	30,819
Sauk Rapids	10.17	14,518	Columbia Heights	12.53	14,469	Chaska	15.30	30,624
Brainerd	14.25	14,243	Monticello	7.80	14,451	Edina	39.36	30,564
New Ulm	15.33	14,078	Inver Grove Heights	23.86	14,434	Albert Lea	18.74	30,432
Monticello	7.80	13,973	Burnsville	43.70	14,334	Hutchinson	14.73	30,325

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	1999 Total	2000 Tentative Population		1999 Total M	2000 Tentative oney Needs		1999 Total	2000 _{9/29/99} Tentative Total
Municipality	Needs Mileage	Per Need Mile	Municipality	Needs Ap Mileage P	portionment er Need Mile	Municipality	Needs Mileage	Apportionment Per Need Mile
North Mankato	13.06	\$13,868	Golden Valley	23.55	\$14,295	Grand Rapids	11.40	\$30.19
Voodbury	43.22	13,838	Fergus Falls	24.34	14.280	Cottage Grove	30.24	30 18
Golden Valley	23.55	13,730	St. Michael	14.77	14.249	Stillwater	14.02	29.88
armington	11.96	13,598	Cambridge	10.74	14.243	Duluth	111 31	29 73
Hutchinson	14.73	13,576	Plymouth	51.66	14,192	Orono	12 58	29,42
.ittle Canada	10.94	13,547	Oakdale	16.72	14,102	Minnetonka	49.89	29,35
/lahtomedi	8.33	13,459	Mounds View	9.82	13,905	St. Peter	12.53	20,00
aribault	22.22	13,288	Coon Rapids	40.97	13,843	Spring Lake Park	5 34	20,04
/larshall	14.88	13,126	Chisholm	7 99	13 629	Virginia	13.67	28,20
Shorewood	8.24	13.094	Rosemount	21.45	13 628	Champlin	17.01	20,77
Chanhassen	20.87	12.822	Winona	21.75	13,600	Prior Lake	15.14	28,07
Bemidji	14.56	12,784	Prior Lake	15.14	13,510	Monticello	7.80	28,47
akeville	47.64	12,444	White Bear Lake	19.60	13 480	Red Wing	22.93	28.30
ino Lakes	18.67	12,413	Alexandria	14.39	13,470		18 67	28,00
hakopee	19.98	12,362	Robbinsdale	10.10	13,266	Golden Valley	23.55	28,00
ustin	27.70	12,244	Bemidii	14.56	13,165	Glencoe	7 02	20,02
Villmar	23.90	12,168	North St. Paul	10.68	13,116	Sauk Rapids	10 17	26.94
St. Peter	12.53	12,038	Minnetonka	49.89	13.091	Litchfield	8.58	26,0-
Juluth	111.31	11,825	East Grand Forks	12.48	12,996	Hastings	16.09	26,5
lendota Heights	13.51	11,730	Willmar	23.90	12,902	Redwood Falls	7 87	26,0
Glencoe	7.02	11,637	Hibbina	51.31	12,867	Brainerd	14 25	25,97
Grand Rapids	11.40	11,477	Blaine	34.22	12.855	Bemidii	14 56	25,94
Norris	7.74	11,310	Chanhassen	20.87	12,789	Shorewood	8.24	25,80
itchfield	8.58	11,262	Shorewood	8.24	12.712	Elk River	26.17	25,70
Crookston	11.53	10,865	Detroit Lakes	12,41	12,450	Fridlev	25.02	25.67
ast Grand Forks	12.48	10,681	Sauk Rapids	10.17	12,422	Chanhassen	20.87	25,61
Red Wing	22.93	10,645	Stillwater	14.02	12,173	Willmar	23.90	25.07
/irginia	13.67	10,622	Montevideo	8.58	12.131	Marshall	14.88	24,88
ndover	33.80	10,574	Edina	39.36	12.087	Shakopee	19.98	24.25
Redwood Falls	7.87	10.224	Shakopee	19.98	11,888	Mahtomedi	8.33	24,20
hisholm	7.99	10,193	South St. Paul	16.32	11.874	Davton	9.28	24,00
Iontevideo	8.58	9.867	New Brighton	14.95	11,837	Chisholm	7 99	20,0
amsey	29.18	9.539	Eagan	46.13	11 775	Baxter	12 70	20,02
Rosemount	21.45	9,436	Marshall	14 88	11.756	East Grand Forks	12.70	23,70
Drono	12 58	9.426	Brainerd	14 25	11 732	Cloquet	20 14	20,0
lk River	26.17	9 245	North Branch	20 80	11 675	Rosemount	20.14 21 <i>15</i>	∠3,13 23.0
lexandria	14 30	9 200	Vadnais Heighte	£0.03 & 32	11 612	Waconia	21.40 E ED	∠3,0t
otroit Lokee	40.44	0,200		45.07	1,013		5.52	∠3,0

		2000			2000		N. S.	2000
	1999	Tentative		1999	Tentative		1999	Tentative
	Total	Population		Total	Money Needs		Total	Total
	Needs	Apportionment		Needs	Apportionment		Needs	Apportionment
Municipality	Mileage	Per Need Mile	Municipality	Mileage	Per Need Mile	Municipality	Mileage	Per Need Mile
Fairmont	19.41	\$8,976	Ramsey	29.18	\$11,443	Alexandria	14.39	\$22,670
Thief River Falls	14.66	8,763	Andover	33.80	11,412	Fergus Falls	24.34	22,644
Hermantown	12.99	8,547	Brooklyn Park	46.62	11,380	Little Falls	15.67	22,618
Dayton	9.28	8,534	Mendota Heights	13.51	10,726	Mendota Heights	13.51	22,456
Cloquet	20.14	8,527	Mahtomedi	8.33	10,579	St. Michael	14.77	22,216
Lake Elmo	11.87	8,422	West St. Paul	13.10	10,281	Montevideo	8.58	21,998
Fergus Falls	24.34	8,365	East Bethel	26.58	10,170	Andover	33.80	21,985
St. Michael	14.77	7,967	Champlin	17.01	10,120	Cambridge	10.74	21,889
Cambridge	10.74	7,646	Morris	7.74	9,961	Detroit Lakes	12.41	21,591
Little Falls	15.67	7,526	Shoreview	16.75	9,871	Morris	7.74	21,271
Ham Lake	24.67	7,507	Hastings	16.09	9,663	Ramsey	29.18	20,982
Otsego	13.61	7,432	Corcoran	14.72	9,645	Hibbing	51.31	18,282
Baxter	12.70	6,291	Ham Lake	24.67	9,563	Hermantown	12.99	17,543
Corcoran	14.72	5,960	Oak Grove	19.50	9,276	Hugo	15.97	17,168
East Bethel	26.58	5,824	Hermantown	12.99	8,996	Ham Lake	24.67	17,070
Hugo	15.97	5,656	Spring Lake Park	5.34	8,786	Lake Elmo	11.87	16,933
Hibbing	51.31	5,415	Lake Elmo	11.87	8,511	North Branch	20.89	16,350
Oak Grove	19.50	5,189	Waconia	5.52	8,204	East Bethel	26.58	15,994
North Branch	20.89	4,676	Fridley	25.02	8,060	Corcoran	14.72	15,604
Waconia	5.52	0	Falcon Heights	2.54	7,348	Oak Grove	19.50	14,465
Average		\$15,355			\$15,288	NGRAMASIAN	n an the second seco Second second	\$30,761

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OTES and COMMENTS

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Advance Reports

CITY GENERAL FUND ADVANCES

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Fund 250	
1998 MSAS YEAR END CONSTRUCTION BALANCE AVAILABLE	\$ 35,456,023,49
LESS: AMOUNT REQUIRED IN ACCOUNT	\$(25,000,000.00)
MAXIMUM AMOUNT FOR ADVANCE IN THE 1999	\$ 10,456,023.49
AMOUNT ADVANCE TO DATE (LISTED BELOW)	\$ 11,271,603.49
BALANCE AVAILABLE TO ADVANCE	\$ (815,580.00)
Less Requests to Reserve Advance Funding-Not Advanced Yet	\$ -
BALANCE AVAILABLE TO ADVANCE (if all requests to reserve are advanced)	\$ (815,580.00)

				REQUEST TO				
		RESOLUTION		RESERVE	ADVANCE	REPAID		
CITY NAME		AMOUNT	YEAR	ADV FUNDING	AMOUNT	AMOUNT	BALANCE	COMMENTS
Alexandria	\$	500,000.00	1999	500,000.00	500.000.00	<u></u>	500 000 00	
Andover	\$	500,000.00	1999	•			-	
Buffalo	\$	500,000.00	1998	500,000.00	500.000.00	347 051 00	152 949 00	
Buffalo	\$	500,000.00	1999	347,051.00	347.051.00		347.051.00	Advanced Limit
Corcoran	\$	495,716.67	1996		495,716,67	440,240,00	55 476 67	, avanoou Emit
Cottage Grove	\$	910,485.00	1998		910,485,00	905,705,00	4 780 00	
Crystal	\$	500,000.00	1999	500,000.00	500,000,00		500 000.00	
Elk River	\$	669,690.00	1999	669,690.00	669,690.00		669,690,00	
Fairmont	\$	609,056.00	1999		609,056,00		609.056.00	
Glencoe	\$	213,523.29	1999	213,523.29	213,523,29		213,523,29	
Ham Lake	\$	435,000.00	1999	350,000.00	350,000,00		350,000,00	
Hastings	\$	500,000.00	1999	500,000.00	500.000.00		500,000,00	
Hermantown	\$	340,000.00	1998	340,000.00	340,000,00	208 033 00	131 967 00	
Hopkins	\$	156,655.00	1999	187.610.61	1,269,53	200,000.00	1 269 53	
Lakeville	\$	1,290,224.00	1998		1.290.224.00	1 266 437 00	23 787 00	
Mahtomedi	\$	344,000.00	1998		344,000,00	188 063 00	155 937 00	
Mankato	\$	1,072,325.50	1998		1.061.653.00	797 396 00	264 257 00	
Maplewood	\$	650,000.00	1999	650,000,00	650,000,00	101,000.00	650,000,00	
Minnetonka	\$	1,300,000.00	1999	1,300,000,00	1.300.000.00		1 300 000 00	
N. St. Paul/Movenon files	e.\$	500,000.00	1999	500,000.00			500,000,00	
Orono	\$	500,000.00	1999	419,510.00	419.510.00	ACCESSION CONTRACTOR	419 510 00	
Owatonna	\$	400,000.00	1999	•	400.000.00		400 000 00	
Red Wing	<u>, \$</u>	671,000.00	1998	1 1 5 0 7 18 1 4 6 18 0	671.000.00	437.024.00	233 976 00	
Rochester	\$	1,375,000.00	1999	1988/19414-2014 (El			200,07 0.00	
St. Louis Park	\$	720,000,00	1999		720,000,00	S(23,20,009,00)	720 000 00	
St. Michael	\$	500,000.00	1999	500,000.00	500.000.00	5 10.616,023,45	500,000,00	
St. Paul	\$	3,000,000.00	1999	•		5 11,872,603,49		
Sartell	\$	450,000.00	1999	450,000.00	450.000.00	「「「(各中人長校員(日)」 「「Juzza Andraidan」」	450 000 00	
Virginia: requests to to	\$	160,000.00	1999	SVSADSH YOL		ali. Ang ang ang ang ang ang ang ang ang ang a	-	
Walte Park CAWAU ABI	^C \$	500,000.00	^{al} 1998	s to reserve and lid	374.277.00	225 004 00	149 273 00	
Waseca	\$	40,854.00	1999			220/00 100		
White Bear Lake	\$	450,000.00	1999	450,000.00	450.000.00		450 000 00	
Woodbury	\$	1,300,000.00	1999	426,845.00	426.845.00	权相行为出	426 845 00	Advanced Limit
Woodbury	\$	1,320,000.00	1998	ADV EUMDING	1.009.262.00	417 006 00	SAL 592 256 00	Advanced Limit
A exolidits		\$	1999			417,000.00		Auvanceu Linni
TOTAL	\$	23,373,529.46	1999	8,804,229,90	\$16,503,562,49	\$ 5 231 959 00	\$11 271 603 ÅQ	
		- CR0,020-00	40.00	505,000 01		<u>+ 0,201,000.00</u>	<u> </u>	
N Standard Baul Stine	: -ים	5 510,000.00	- 1990 - North - North	347.051 GL	542.051.00		347.051.00	Advanced Limit
	Dia	ne Niceate Mar	snall Johns	ston	网络拉兰托马科学	"有6.合有0.合约	55,476,57	
 Conside torows 	-	8 9 0,485 60	1956		\$P\$(1)(185)(3)	5(8,202,00	4.780.00	
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General Fund Advances

At the Spring 1999 meeting of the Municipal Screening Board, the board passed a resolution affecting the amount which cities could advance from the general fund. This revision limited the maximum amount a city could advance from its total apportionment to its construction allotment. Starting with the 2000 apportionment, cities will be able to advance the following amounts:

Cities with a construction allotment of \$500,000 or less can now advance up to three times its previous years construction allotment or \$500,000, whichever is less.

Cities with a construction allotment of more than \$500,000 can now advance up to its previous years construction allotment up to a maximum of \$3,000,000.

The affects of these revisions are:

1) More cities will be able to advance funds because of the smaller amount individual cities can advance.

- 2) Cities with a total allotment of \$500,000 or less would be able to pay back the total advance in three years or less.
- 3) Cities with a total allotment of over \$500,000 would be able to pay back the total advance in one year instead of having to carry a balance over into the next year.

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Clarification of Guidelines

The maximum Municipal State Aid construction dollars which can be advanced in any one year shall be the difference between the Municipal State Aid construction fund balance at the end of the preceding calendar year and \$25 million. 100 67-अ इन इन उन उन्हें

This \$25 million threshold was reviewed by State Aid Finance in August of 1999 and it was determined to continue using it as the minimum account balance to base the amount available for advanced funding. 1

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

To "reserve" the funds, the City Engineer may submit a "Request to Reserve Advanced Funding" form (Fig. G 5-892.563) up to 8 weeks prior to anticipating or incurring an obligation where advanced funding is required. This form "reserves" the funds in the city's account. Once the request has been approved by State Aid and the funds added to the city's account, a copy of the approved request will be returned to the City Engineer. The "Request to Reserve Advanced Funding" form should be mailed to Diane McCabe in State Aid.

Engineering Costs

At the Spring 1999 Municipal Screening Board meeting, the board directed that the engineering costs for needs purposes be raised from 18% to 20%. While all the other Unit Price revisions were implemented as directed by the screening board, we are asking the screening board to reconsider any revisions in the engineering costs at this time.

We are presently in the process of converting our data base and computation programs to a Y2K compliant format. This involves much testing between the old database and the new database to verify that the computations are being computed correctly in the new application.

All the unit prices, except for engineering, are stored on a separate data tape, which is run against the quantities computed by the computations program. This procedure computes a needs dollar amount for the individual items in the unit price study. The computations program then applies 18 percent engineering to these items.

Because the engineering percentage is stored in the computations program, revising it in the middle of the testing would greatly complicate the testing procedures. This is because the engineering would be computed at different percentages depending on when the computations program was run.

If the screening board feels the engineering should be revised this year, it could be done. The MSAS Needs Unit could compute the new engineering cost in an excel spreadsheet and apply that percentage the needs amounts computed by the computations program. The main disadvantage of computing it in this manner is that we would have two sets of information. All our computer printouts would be incorrect and would have to be corrected by hand. Not only would this be confusing now, but it would have to be documented very carefully to be understood in the future.

According to the computer programmers, this revision in the database could be made next year after the new database has been completely tested and implemented.

29-Sep-99

PAST HISTORY OF ADMINISTRATIVE ACCOUNT

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

N:\MSAS\EXCEL\FALL- 1999	N/MSAS\EXCEL\FALL- 1999\PAST HISTORY OF ADMINISTRATIVE ACCOUNT 1999.XLS					
Year	Allotment	Balance	Spent - Spent			
1958	\$113,220	\$48,310	\$64,910			
1959	125,999	55,370	70,629			
1960	129,466	58,933	70,533			
1961	140,825	75,036	65,789			
1962	137,980	70,875	67,105			
1963	144,585	75,094	69,491			
1964	168,526	102,385	66,141			
1965	173,875	96,136	77,739			
1966	178,253	85,079	93,174			
1967	190,524	122,185	68,339			
1968	219,458	117,878	101,580			
1969	231,452	134,416	97,036			
1970	252,736	147,968	104,768			
1971	279,357	165,927	113,430			
1972	280,143	167,410	112,733			
1973	284,923	160,533	124,390			
1974	333,944	130,460	203,484			
1975	349,512	158,851	190,661			
1976	347,940	264,874	83,066			
1977	424,767	160,365	264,402			
1978	426,786	139,580	287,206			
1979	473,075	257,782	215,293			
1980	521,544	171,544	350,000			
1981	544,123	222,062	322,061			
1982	646,373	251,781	394,592			
1983	710,025	297,847	412,178			
1984	745,773	322,730	423,043			
1985	874,173	421,719	452,454			
1986	903,824	427,562	476,262			
1987	806,340	331,589	4/4,/51			
1988	895,092	387,171	507,921			
1989	1,111,120	582,918	528,202			
1990	1,248,109	218,586	1,029,523			
1991	1,216,604	502,044	714,560			
1992	1,239,228	493,170	746,058			
1993	1,2/4,3//	400,034	842,000			
1994	1,231,781	417,972	013,009			
1995	1,251,307	153,990	1,097,311			
1996	1,394,929	220,100	1,109,824			
1997	1,386,626	111,442	1,275,184			
1998	1,442,625	161,000	1,281,625			
1999	1,511,148		·			

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

Each year the Screening Board, provided for in section 162.13, Subdivision 3, may recommend to the commissioner a sum of money that the commissioner shall set aside from the municipal state aid street fund and credit to a research account. The amount so recommended shall not exceed 1/2 of 1% of the preceding apportionment. Any balance remaining in the research account at the end of the each year from sum set aside for the year immediately previous, shall be transferred to the MSAS fund.

Be it resolved that an amount of \$487,286 (not to exceed 1/2 of 1% of the 1999 M.S.A.S. Apportionment sum of \$93,828,258) shall be set aside from the 2000 Apportionment fund and be credited to the research account.

MOTION BY: SECONDED BY:

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

CURRENT RESOLUTIONS OF THE MUNICIPAL SCREENING BOARD

October, 1999

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 2 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 an 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 Annually)	Prices (Revised		
Right of Way (Needs Only)			\$80,000 per Acre
Grading (Excavation)			\$3.30 per Cu. Yd.
Base:			
	Class 5	Spec. #2211	\$6.70 per Ton
	Bituminous	Spec. #2331	\$22.00 per Ton
Surface:			
	Bituminous	Spec. #2331	\$22.00 per Ton
	Bituminous	Spec. #2341	\$25.00 per Ton
	Bituminous	Spec. #2361	\$31.50 per Ton
Shoulders:			
, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	Gravel	Spec. #2221	\$10.30 per Ton
Miscellaneous:			
	Storm Sewer Construction		\$246,000 per Mile
	Storm Sewer Adjustment		\$79,000 per Mile
	Special Drainage (rural segments only)		\$33,000 per Mile
	Street Lighting (every segment)		\$35,000 per Mile
	Curb & Gutter Construction		\$7.70 per Lineal Foot
	Sidewalk Construction		\$20.50 per Sq. Yd.
	Engineering		20%
Removal Items:			
	Curb & Gutter		\$2.10 per Lineal Foot
	Sidewalk		\$5.10 per Sq. Yd.
· · ·	Concrete Pavement		\$4.60 per Sq. Yd.
	Tree Removal		\$180.00 per Unit

Traffic Signal Needs Based On Projected Traffic (every segment) **Projected Traffic** Percentage Х Unit Price =Needs Per Mile 0 - 4.99925% \$99,990 \$24,998 per Mile 5,000 - 9,999 50% \$99,990 \$49,995 per Mile 100% \$99,990 \$99,990 per Mile 10,000 and Over

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:

Bridge Unit Costs	
Bridges 0 to 149 Feet long	\$63.50 per Sq. Ft.
Bridges 150 to 499 Feet long	\$63.50 per Sq. Ft.
Bridges 500 Feet and Over	\$63.50 per Sq. Ft.

Railroad Over Highway	
One Track	\$8,200 per Linear Foot
Each Additional Track	\$6,700 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)	\$85,000 per Unit
Signals and Gates(Multiple Track – high	\$135,000 per Unit
Signs Only & (low speed)	\$1,000 per Unit
Rubberized Railroad Crossings (Per Track)	\$850 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	\$1,360 per Mile	\$2,260 per Mile
Parking Lanes: Segment length times number of parking lanes times cost per mile	\$1,360 per Mile	\$1,360 per Mile
Median Strip: Segment length times cost per mile	\$450 per Mile	\$900 per Mile
Storm Sewer: Segment length times cost per mile	\$450 per Mile	\$450 per Mile
Traffic Signals: Number of traffic signals times cost per signal	\$450 per Unit	\$450 per Unit
Unlimited Segments: Normal M.S.A.S. Streets		
Minimum allowance per mile is determined by segment length times cost per mile.	\$4,500 per Mile	\$4,500 per Mile
Limited Segments: Combination Routes		
Minimum allowance per mile is determined by segment length times cost per mile.	\$2,260 per Mile	\$2,260 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.

<u>Unencumbered Construction Fund Balance Adjustment</u> - 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.