



1998

Municipal State Aid Street Apportionment

Data

Dayton

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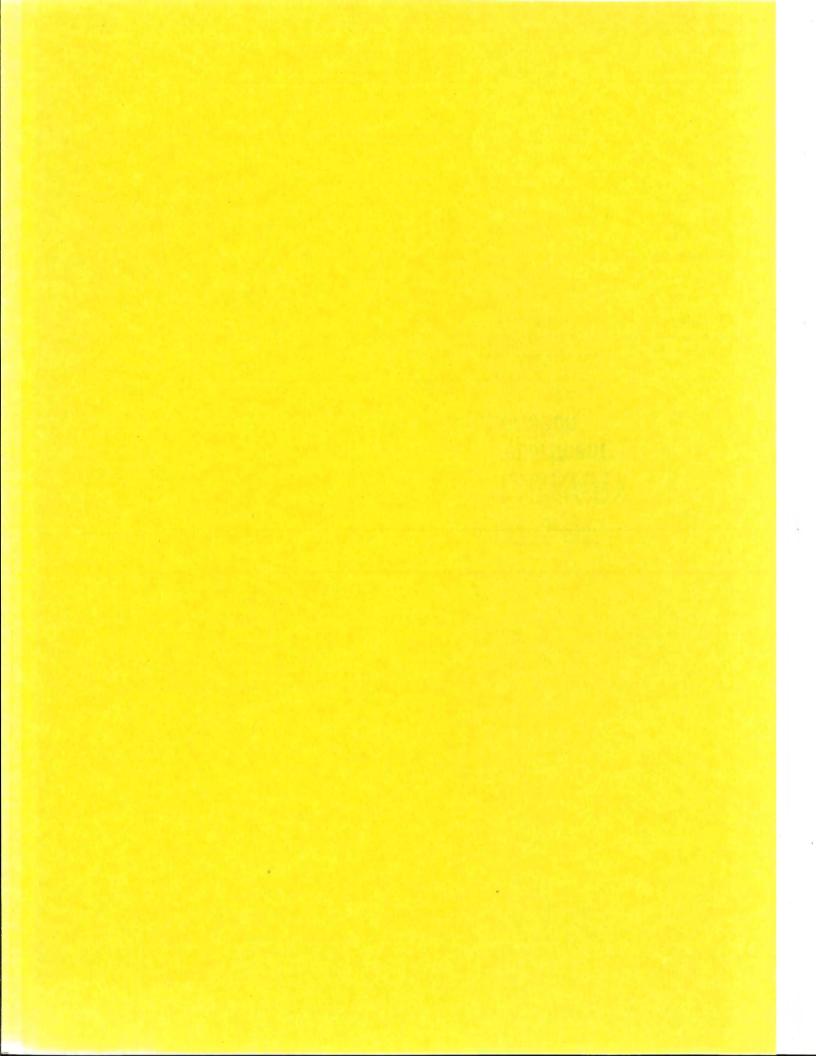
Minnesota Department of Transportation

	NEW CITI	ES
City	District	County
Dayto	n 5	Hennepin
St. Park	ul 9	Washington
Stewo	irtville 6	Olmstead

1/

MNDOT HE 356 .M6 M45a

January, 1998



Minnesota Department of Transportation

Memo

State Aid for Local Transportation Division Mail Stop 500 395 John Ireland Boulevard St. Paul, MN 55155

Office tel: 612/296-3011 Fax: 612/282-2727

January 20, 1998

(612) 296-1662

TO:

Municipal Engineers

City Clerk/Administrator

FROM:

Kenneth Straus

Municipal Needs Manager

SUBJECT: The 1998 Municipal State Aid Apportionment Book

Enclosed is a copy of the "1998 Municipal State Aid Street Apportionment Data" report for your use in better understanding the means of distributing the annual allocation to each municipality.

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

Distribution of this report is sent to all municipal engineers, and when a consulting engineer is engaged by the municipality, a copy is also sent to the municipal clerk.

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

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

Enclosures:

1998 Municipal State Aid Street Needs Apportionment Data Booklet

PREFACE

THIS "1998 MUNICIPAL STATE AID STREET APPORTIONMENT DATA" BROCHURE IS PUBLISHED TO ASSIST IN BUDGETING AND TO PROMOTE A BETTER UNDERSTANDING AMONG THE LOCAL GOVERNMENTAL UNITS RELATING TO THE SOURCE OF REVENUE, MEANS OF DISTRIBUTION AND THE ANNUAL APPORTIONMENT AMOUNTS FOR EACH MUNICIPALITY OVER 5,000 POPULATION IN MINNESOTA.

COPIES ARE DISTRIBUTED TO THE CITY ENGINEER OF EACH
QUALIFYING URBAN MUNICIPALITY, AND ALSO TO THE
MUNICIPAL CLERK WHEN A CONSULTING ENGINEER IS
RETAINED.

A LIMITED NUMBER OF ADDITIONAL COPIES ARE

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PARTMENT OF TRANSPORTATION, STATE TRANSPORTATION

BUILDING, ST. PAUL, MINNESOTA 55155, OR CALL (612) 296-1662.

1998 MUNICIPAL STATE AID STREET APPORTIONMENT DATA

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STATE OF MINNESOTA HIGHWAY DISTRICTS AND METRO MUNICIPALITIES **URBAN MUNICIPALITIES** 40 Metro West Cities (population over 5000) Andover Anoka Blaine Bloomington Brooklyn Center Brooklyn Park Champlin Chanhassen International Chaska Columbia Heights Coon Rapids Corcoran Crystal Dayton Thief River Éalls East Bethel East Grand Forks Eden Prairle Edina Fridley Golden Valley Ham Lake Crookston Hopkins Lino Lakes Chisholm • Virginia Bemidji Maple Grove **Minneapolls** Minnetonka Hibbling Mound New Hope Oak Grove Grand Rapids Orono Plymouth Moorhead Prior Lake Hermantown Ramsey Richfield Duluth Cloquet Robbinsdale Detroit Lakes St. Anthony St. Louis Park Savage Shakopee Brainerá Shorewood Fergus Falls Spring Lake Park OF TRANSPORT **Álexandria** Little Falls 34 Metro East Cities Apple Valley Arden Hills Sauk Rapids Sartell Burnsville Cottage Grove Monis Waite Park St. Cloud Cambridge Eagan Falcon Heights Elk River Otsego Farmington Monticello Forest Lake Buffalo Hastings Hugo . Wilmar Inver Grove Heights Litchfield Lake Elmo Hutchinson Lakeville Little Canada Monleydeo Glericoe Mahtomedi Maplewood Mendota Heights Redwood Falls Mounds View New Brighton Red Wing North Branch Peter North St. Paul Northfield Marshall New Ukm North Mankato Oak Grove Farlbault Oakdale Rosemount Mankato Roseville Rocheste Waseca St. Paul Winona Owatanna Stewartville St. Paul Park Shoreview Falmont South St. Paul Austin Worthington Albert Lea Stilwater

January, 1998

Vadnais Heights West St. Paul White Bear Lake Woodbury

1998 MUNICIPAL SCREENING BOARD

OFFICERS

Chairman Vice Chairmar Secretary	1	John Rodeberg Ken Ashfeld Dave Halter	Hutchinson Maple Grove Grand Rapids	(320) 234-4208 (612) 494-6420 (218) 326-7602
MEMBERS				
District	Served	Representative		
1	1	David Salo	Hermantown	(218) 727-8796
2	2	David Kildahl	Crookston	(218) 281-6545
3	2	Terry Wotzka	Waite Park	(612) 253-1000
4	1	Tim Schoonhoven	Sauk Rapids Alexandria	(320) 762-8149
Metro-West	3	Jack Bittle	Champlin	(612) 421-1955
6	1	David Olson	Albert Lea	(507) 377-4325
7	3	Larry Read	Fairmont	(507) 238-9461
8	2	Daniel Sarff	Litchfield	(612) 231-3956
Metro-East	3	Dave Jessup	Woodbury	(612) 731-5784
(Three Cities		Mark Winson	Duluth	(218) 723-3278
of the		Ramankutty Kannankutty	Minneapolis	(612) 673-2476
First Class)		Ed Warn	St. Paul	(612) 266-6142
<u>District</u>		<u>Alternates</u>		
1		David Mattei	Chisholm	(218) 254-5793
2		Michael Metso	Bemidji	(218) 759-3576
3		Larry Koshak	Otsego	(612) 427-5860
4		Steve Windish	Morris	(320) 762-8149
Metro-West		Lee Gustafson	Minnetonka	(612) 939-8200
6		Tim Murray	Faribault	(507) 334-2222
7		Steven P. Koehler	New Ulm	(507) 359-8245
8		Keith Nelson	Marshall	(507) 537-6774
Metro-East		Mark Burch	White Bear Lake	(612) 429-8531

1998 SUBCOMMITTEES

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

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

NEEDS STUDY SUBCOMMITTEE	UNENCUMBERED CONSTRUCTION FUNDS SUBCOMMITTEE
Ken Saffert - Chairman	Dan Edwards - Chairman
Mankato	Fergus Falls
(507) 387-8631	(218) 739-2251
Expires in 1998	Expires in 1998
Curt Kreklau	David Sonnenberg
Buffalo	Minneapolis
(612) 682-1181	(612) 673-2443
Expires in 1999	Expires in 1999
Dave Halter	Brian Bachmeier
Grand Rapids	Oakdale
(218) 326-7602	(612) 739-5086
Expires in 2000	Expires in 2000

ALLOCATION STUDY SUBCON	MITTEE
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

1997 Municipal Screening Board Fall Meeting Minutes

October 28 and 29, 1997, at Breezy Point Resort, Near Brainerd, Minnesota

I. Opening by Chairman Bachmeier

The 1997 Municipal Screening Board Fall Meeting was called to order at 1:00 p.m., October 28, 1997.

A. Chairman Bachmeier Introduced:

Herb Reimer
Ramankutty Kannankutty
John Rodeberg
Ken Ashfeld
Dave Sonnenberg

Chair, Needs Study Subcommittee
Chair, Allocation Study Subcommittee
Vice Chair, Municipal Screening Board
Secretary, Municipal Screening Board
Past Chair, Municipal Screening Board

The Secretary conducted the roll call of the members:

District 1	Dave Halter	Grand Rapids
District 2	Dave Kildahl	Crookston
District 3	Terry Wotzka	Waite Park, Sauk Rapids
District 4	Gary Nansen	Detroit Lakes
Metro-West	Jack Bittle	Champlin
District 6	William Malin	Winona
District 7	Larry Read	Fairmont
District 8	Dan Sarff	Litchfield
Metro-East	Dave Jessup	Woodbury
Duluth	Mark Winson	
Minneapolis	Ramankutty Kannankutty	·
St. Paul	Ed Warn	

Screening Board Alternates:

District 1	Dave Salo	Hermantown
District 4	Tim Schoonhoven	Alexandria
District 6	David Olson	Albert Lea

B. The Chair recognized Department of Transportation personnel:

Pat Murphy	State Aid Engineer
Ken Straus	Manager, Municipal State Aid Needs
Julie Skallman	Assistant State Aid Engineer
Ken Hoeschen	Manager, County State Aid Needs
Mike Tardy	District 1 State Aid Engineer
Luane Tasa	District 2 State Aid Engineer
Bob Busch	Acting District 3 State Aid Engineer
Tallack Johnson	District 4 State Aid Engineer
Mike Pinsonneault	District 6 State Aid Engineer
Doug Haeder	District 7 State Aid Engineer
Tom Behm	District 8 State Aid Engineer
Bob Brown	Metro Division State Aid Engineer

C. The Chair recognized others in attendance:

Don Haak	St. Paul
Dave Kreager	Duluth
Dan Sabin	Minneapolis
Larry Veek	Minneapolis
Ani Mehra	Minneapolis
Greg Coughlin	Ass't. Metro Dist State Aid Eng.
Greg Felt	Ass't. Metro Dist. State Aid Eng.
Marshall Johnston	Municipal State Aid Needs
Khani Sahebjam	State Aid

II. Municipal Needs Report presented by Ken Straus

A. <u>Consideration of 1997 Spring Municipal Screening Board Minutes</u> The 1997 Spring Municipal Screening Board Minutes were presented for approval.

Motion by Halter/seconded by Malin to approve minutes. Approved unanimous.

B. Screening Board and Subcommittee Members

Ken Straus pointed out the members of the 1997 Municipal Screening Board and Subcommittees.

C. Mileage, Needs and Apportionment

Ken Straus reviewed the 1997 mileage, needs and apportionment. He stated that the estimated 1998 allocation is \$90,608,066 which is similar to the 1997 apportionment. The mileage increased by approximately 78 miles as a result of new designations, trunk and County turnbacks and the inclusion of three new cities in the State Aid Program, those being Dayton, Stewartville and St. Paul Park. The needs do not reflect trunk highway turnbacks eligible for turnback funding.

D. Theoretical Population Apportionment:

Ken Straus reviewed the basis of apportionment allocation with 50% based on population. The population estimate is always one year behind, therefore the 1998 population allocation is based on 1996 population. The per capita apportionment for 1998 will be approximately \$14.70 which reflects a decrease of approximately \$0.25 per person. Therefore, an increase in population could result in a decrease of population apportionment.

E. 1997 Needs Study Update:

Ken reviewed the 1997 Needs Study Update which included design quantity table revisions, system revisions and traffic count data. The 1997 construction needs dropped approximately \$17 million as a result of system revisions and design table changes.

F. Itemized Tabulation of Needs

Ken Straus reviewed the 1997 Itemized Tabulation of Construction Needs, with the exception of "after-the-fact needs", used in the Municipal State-Aid Needs Study. The cost per mile of needs does not include bridges and associated 18% of engineering costs applied to the bridges. The overall average cost per mile is \$544,457. Vadnais Heights has the lowest cost per mile with \$266,771 while Fairmont has the highest cost with \$892,114 per mile.

G. 1996 to 1997 Needs Comparison:

Comparison of needs between 1997 and 1996 reflects a decrease in surface needs due to the change in design tables. The overall apportionment needs dropped approximately \$13 million.

H. Tentative 1998 Construction Needs Apportionment and Adjustments: Ken Straus reviewed the tentative 1998 construction needs apportionment which accounts for 50% of the total allocation. Each City's allocation is pro-rated based on their adjusted construction needs. The September 1, 1997 unencumbered construction fund balance was used for estimating purposes. The unencumbered balance as of December 31, 1997 will be used for the actual 1998 January apportionment.

In general, \$1.00 in construction needs equaled approximately .02652 dollars in apportionment. The construction needs for Stewartville and St. Paul Park were based on the lowest per mile construction needs of \$266,771 per mile.

The unencumbered amount available as of December 31, 1997 will be used as a deduction from each City's total needs adjustment for the 1998 apportionment. The unencumbered amount available as of September 1, 1997 is \$88,583,965, which will undoubtedly decrease substantially by the December 31, 1997 date.

Construction needs adjustments reflected on Pages 40 – 49 of the 1997 Municipal State-Aid Needs Report are generally the result of Screening Board Resolutions. Needs adjustments consisted of the following:

- Unencumbered Construction Fund balance adjustment
- Unamortized Bond Account Balance adjustments
- Non-existing Bridge Construction adjustments
- Right-of-way acquisition adjustments

I. Trunk Highway Turnback Maintenance Allowance

Ken Straus reviewed the allowance for trunk highway turnback maintenance consisting of 32.43 miles eligible for turnback maintenance with a total allocation of \$233,496.

J. <u>Tentative Apportionment Data</u>

Ken Straus reviewed the tentative apportionment data included in Pages 51 – 59 of the 1997 Municipal State-Aid Needs Report. Ken indicated that the total estimated apportionment for a City normally goes up when mileage is added to the system and alternately goes down as a result of projects being completed. Ken also reviewed the apportionment rankings based on population apportionment per mile, construction needs apportionment per mile and total apportionment per mile.

K. General Fund Advances:

Ken Straus reviewed the guidelines for advancement of Municipal State-Aid Construction Funds from the General MSAS Construction Account. The 1997 Spring Screening Board by motion reduced the amount that must remain in the construction balance to \$40 million. With that change, the balance available to advance is \$9,188,156.

L. Revised Needs Study Design Quantity Tables:

Ken Straus reviewed the Municipal State-Aid Street Needs Study Design Quantity Tables as revised and approved by the June, 1997 Municipal Screening Board.

M. Administrative Account:

Julie Skallman reviewed the past history of the Administrative Account which consists of 1.5% of the total funds available as administrative expenses by the State-Aid Division.

N. Research Account:

Julie Skallman reviewed the Research Account and where dollars are spent. Julie provided a handout of programmed projects by the local Road Research Board. The municipalities have representation on the Board by Larry Read and Dave Hutton.

III. Allocation and Needs Study Subcommittee

A. <u>Life Cycle Study</u>

Ken Straus and Ramankutty Kannankutty reviewed the life cycle concept and presented the Allocation Study Subcommittee's recommendation. The recommendation of the Subcommittee is not to pursue the life cycle concept any further study. The Committee in studying the draft copy of a life cycle is recommending three changes to be made to the other construction needs.

- 1. Remove storm sewer from other construction items and compute a separate life cycle.
- 2. Include other construction items and needs such as street lighting, traffic signals, sidewalk construction, concrete pavement removal, retaining walls and railroad crossing improvements.
- 3. Relative to major maintenance, use 2 mil and overlay costs plus 30% for traffic control instead of 1 sealcoat, 1 mil and 2 overlays.

IV. Needs Study Subcommittee Meeting of September 3, 1997

A. <u>Maximum Proposed Needs Widths:</u>

Ken Straus presented the maximum widths of streets with various projected traffic volumes used to calculate needs.

B. <u>Needs for Non-Existing Bridges Construction</u>

Ken Straus presented a proposed resolution revision as recommended by the Needs Study Subcommittee. Essentially, the resolution would provide for after-the-fact needs for bridges and grade separations including project development costs. The after-the-fact needs would consist of local costs including the local match if Federally funded, engineering and project development costs.

C. Population Apportionment Resolution Revision:

Ken Straus brought forth for discussion a proposed amendment to the October, 1994 Population Apportionment Resolution as recommended by the Needs Study Subcommittee.

D. <u>One-Way Street Mileage Resolution Revision:</u>

Ken Straus discussed revisions to the One-Way Street Mileage Resolution as recommended by the Needs Study Subcommittee. The Subcommittee evaluated various Cities and is making a recommendation that needs be computed as one-half the mileage without regard to width.

V. Other Business

A. Terry Wotzka brought forth an issue relative to St. Michael regarding the designation of MSA routes. Pat Murphy addressed this issue from Mn/DOT State Aid perspective.

B. Brian Bachmeier and Pat Murphy addressed the Transportation Revolving Loan Fund and the fact that this fund is not available to Cities and Counties. There is an effort by the Counties to amend the Legislation whereby the Counties will be eligible to use the fund. The issue brought forth is whether the Cities should join the Counties in that effort so that Cities can also use the fund.

VI. Motion to Adjourn

The Screening Board considered for Adjournment until 8:00 A.M. Wednesday morning, when formal action will be taken on the items before the Board.

Meeting adjourned at 4:00 P.M.

WEDNESDAY MORNING SESSION:

- VII. The Committee reconvened at 8:00 a.m. Wednesday morning.
- VIII. Formal Actions by Screening Board
 - A. Needs and Apportionment Data

A brief discussion of the Boards acceptance of the mileage and needs data as shown in the 1997 Municipal State-Aid Needs Report.

Motion by Nansen/seconded by Kannankutty to approve the Mileage and

Motion by Nansen/seconded by Kannankutty to approve the Mileage and Needs data as reflected in the 1997 Municipal State-Aid Needs Report. Approved Unanimously.

B. Research Account

Motion by Winson/seconded by Read for the Board to resolve that an amount of \$453,040 (not to exceed one-half of 1% of the 1997 MSAS Apportionment sum of \$90,608,066) shall be set aside from the 1998 Apportionment Fund and be credited to the Research Account. Approved Unanimously.

C. <u>Life Cycle Study</u>

The Screening Board reviewed the recommendation of the Needs Study and Allocation Study Subcommittees. The recommendation of the Subcommittees is not to pursue the life cycle concept for any further study, however, the Committees recommended the following revisions be incorporated into the final copy.

- 1. Remove storm sewer from other construction items and compute a separate life cycle.
- 2. Include other construction items and needs such as street lighting, traffic signals, sidewalk construction, concrete pavement removal, retaining walls and railroad crossing improvements.
- 3. Relative to major maintenance, use 2 mil and overlay costs plus 30% for traffic control instead of 1 sealcoat, 1 mil and 2 overlays.

Motion by Kannankutty/seconded by Read to adopt the Allocation Study Subcommittee recommendation of discontinuing the Life Cycle Study. Approved unanimously.

D. <u>Maximum Proposed Needs Width</u>

Motion by Sarff/seconded by Bittle to adopt the Needs Study Subcommittee recommendation for Maximum Proposed Needs Width pursuant to the width chart provided by State-Aid. Approved Unanimously.

E. Construction Needs for Non-Existing Bridges

The Needs Study Subcommittee has made a recommendation that the October, 1961 Resolution relative to bridge costs be revised to read "the money needs for all "non-existing" bridges and grade separations be removed from the 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 structural cost, project development costs and construction engineering cost that is eligible for State-Aid reimbursement for a 15-year period excluding all Federal or State grants."

Motion by Warn/seconded by Halter to adopt the Resolution revision.

After considerable discussion, Motion by Jessup/seconded by Winson to amend the motion to make the Resolution change retroactive to existing bridges listed on Page 45 of the 1997 Municipal State-Aid Needs Report by adding 18% project development costs over a 15-year period. On a roll-call vote of the amendment to the motion, seven members were in favor and 5 opposed. Amendment to the motion passed. On a vote of the initial motion as amended, motion approved unanimously.

F. Population Apportionment Resolution Revision

The Needs Study Subcommittee recommended that the October, 1994 Population Apportionment Resolution be revised to delete "will be added to, except by consolidation, or".

Motion by Kannankutty/seconded by Halter to adopt a Resolution revision as recommended by the Needs Study Subcommittee. Approved unanimously.

G. One-Way Street Mileage Resolution Revision

The Needs Study Subcommittee has recommended a revision of the One-Way Street Mileage Resolution second paragraph to read "Treat all one-way streets as one-half of the mileage and allow one-half 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."

Motion by Halter/seconded by Read to adopt the Resolution revision as recommended by Needs Study Subcommittee. Approved unanimously.

IX. Other Issue

Continuing discussion of the Transportation Revolving Loan Fund. Motion by Kannankutty/seconded by Read to work with the Counties to pursue the removal of limitations on Cities and Counties relative to the use of the Transportation Revolving Loan Fund. Approved Unanimously.

X. Closing Comments

Pat Murphy had a few closing comments and Chair Bachmeier thanked the various subcommittee members, Herb Reimer as Chair of the Needs Subcommittee, Alan Gray as Chair of the Unencumbered Construction Fund Subcommittee, and particularly the three representatives who will be leaving the Board, those being Dave Halter, Gary Nansen, and Bill Malin.

XI. Entertain Motion for Adjournment

Motion by Kannankutty/seconded by Malin to adjourn. Approved Unanimously.

The meeting was adjourned at 9:05 a.m.

After the Screening Board Adjourned, the Officers and Board Members participated in a joint meeting with the County Engineers Executive Committee

Submitted by,

Ken Ashfeld, P.E.

Len Ashfeld

MSA Screening Board Secretary

(Maple Grove City Engineer)

To: Members of the Municipal Screening Board

From: The Needs Study and Allocation Study Subcommittees

Subject: Life Cycle Concept

The recommendation of the Subcommittee's is not to pursue the life cycle concept in any further study.

A joint meeting of the Needs Study and Allocation Study Subcommittee was held on October 3,1997. The purpose of the meeting was to review the life cycle concept in determining construction needs as recommended by the 1996 Screening Board.

The State Aid Needs Study Unit established a system wide life cycle concept with a comparison to the present needs study. The premise being that the roadway construction and maintenance needs incur different costs as they progressively get older while going through their life cycle. A 40 year street life cycle was used in this comparison. Each city's average street life was computed by using the grading date from the needs study and applied against a progressive 2.5% straight line curve and 1.43% for bridges and storm sewer. This determined where each city's streets were on the 40 year life cycle. Streets that were in excess of 40 years old and non-existing streets were considered to be at the end of their life and received 100% complete needs. The study included the use of the city's predominate soil factor, average projected traffic, average width and age. A roadway cost was computed using the (past) needs quantity tables against the needs unit prices. A prorated cost per mile was computed based on the city's average street width and projected traffic and applied against the city's mileage to determine the life cycle cost.

The committees reviewed the comparisons to the present needs and concluded that the present needs system functions as a life cycle generating basically the same needs over a 40 year period. The main difference between the life cycle and the present is that the cities having older streets or closer to being 40 years old would get more needs than the present needs method.

The objective was that it be simple. The conclusion was that in order to have an equitable allocation distribution, the differences between the cities have to be taken in account. This means that other items must be included in the needs such as: sidewalks, storm sewer, retaining walls, bridges etc. When these items are included, the simplicity is gone.

The Subcommittees finding and conclusion is that present needs study has inadequates in regard to major maintenance while a street receives complete needs. However, the present needs method is comparible to the life cycle method and basically be construed to be viewed as a life cycle.

SCHEDULE "A"

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Minnesota Department of Transportation ESTIMATED Funds Available for Distribution in Calendar Year 1998 From Highway User Tax Distribution Fund

<u> </u>	TAV DISHIDAR	ion runu	
ESTIMATED Gross Income After Refunds (Fiscal 1998 Motor Fuel Tax 7-1-97 to 12-31-97 1-1-98 to 6-30-98 (Est.)	3)	\$287,448,419 264,539,919	
Subto	tal		\$551,988,338
Motor Vehicle Tax 7-1-97 to 12-31-97			4001,000,000
1-1-98 to 6-30-98 (Est.)		\$250,931,996 <u>261,939,722</u>	
Subto	tal		\$512,871,718
Interest Earned on Highway User Tax Distribution Fur	nd		
7-1-97 to 12-31-97		562,014	
1-1-98 to 6-30-98 (Es		454,200	
Subtotal: HUTD intere	est		\$1,016,214
Total Highway Users Income			\$1,065,876,270
Less Transfer to:			
DEPARTMENT OF PUBLIC SAFETY			
Motor Vehicle Division Collection Costs General Fund Reimbursement		\$12,908,000	
Trunk Highway Reimbursement		716,000	
DEPARTMENT OF REVENUE		580,000	
Petroleum Division Collection Costs		2,054,000	•
DEPARTMENT OF NATURAL RESOURCES		_,00,,000	
Unrefunded Marine Gas Tax		6,889,410	
Unrefunded Snowmobile Gas Tax Unrefunded All Terrain Vehicle Gas Tax		4,592,940	
Unrefunded Forest Road		688,941	
Off-Road Motorcycle Gas Tax		637,490 211,276	
Off-Road Vehicle Gas Tax		753,243	
DEPARTMENT OF ADMINISTRATION		7 55,245	
Snowmobile Study		25,000	
Statewide Indirect Costs (Estimated)		423,000	
Subtotal: Transfers O	ıt	_	\$30,479,300
ESTIMATED Funds Available for			
Distribution in Calendar Year 1998			\$1,035,396,970
<u>Special 5% Distribution (M.S. 161.081, M.S. 161.082, M.</u> \$1,035,396,970 x 5% = \$51,769,849	S. 161.083)		
Trunk Highway Fund	(28%)	\$14,495,558	
County Turnback Account (64%x27.5%) Town Bridge Account (64%x25%)		9,111,493	
(047072070)		8,283,176	
Municipal Turnback Account	(64%x47.5%) (8%)	15,738,034 4,141,588	
Subtotal: 5% Distribution	, ,	.,,,,,,,	\$51,769,849
			ψοτ, <i>τ</i> οσ,υ τ σ
Regular Distribution (Minn. Constitution Art. XIV, Sect. \$1,035,396,970 x 95% = \$983,627,121	<u>5</u>)		
Trunk Highway Fund	(62%)	600 949 945	
County State Aid Highway Fund	(29%)	609,848,815 285,251,865	
Municipal State Aid Street Fund	(9%)	88,526,441	

Total Highway User Funds Available for Distribution in Calendar Year 1998

Subtotal: 95% Distribution

\$983,627,121 \$1,035,396,970

SCHEDULE "B"

Minnesota Department of Transportation ESTIMATED Funds Available for Distribution in 1998

Counties

INCOME:

Highway Users Fund (29% of Regular 95% Distribution) - Excluding Turnback Investment Interest Increase in income over 1997 estimate Unexpended balance of 1997 Administrative Cost Account Unexpended balance of 1997 Research Account Release of Unencumbered State Park Fund	\$285,251,865 16,250,000 1,249,568 960,251
Total Funds Available	\$303,711,684
DEDUCTIONS:	
Administrative Account (1-1/2% of total funds available)	\$4,555,675
Disaster Fund Legal Limit (1% of Total Apportionment to Co.) Unexpended balance as of 12/31/97 Amount required to make the 1% maximum 2,935,108 911,950	\$2,023,158
Research Account (1/2 of 1% of the 1997 Apportionment Sum) \$280,824,171 x .50% = \$1,404,120 (As determined by 1997 Screening Board)	\$1,404,120
State Park Road Fund After deducting for the Administrative Account, Disaster Fund, and Research Account, a sum of three quarters of one percent of the remainder shall be	\$2.217.9 65
set aside for use as prescribed by law.	ΨZ,Z17,903

APPORTIONMENT SUM Available for Distribution to the Counties in 1998

\$293,510,766

Equalization Registration Mileage Money Needs	10% = 10% = 30% = 50% =	29,351,077 29,351,077 88,053,229 146,755,383
Wolley Needs	3370	\$293,510,766

SCHEDULE "C"

Minnesota Department of Transportation ESTIMATED Funds Available for Distribution in 1998

<u>Municipalities</u>

INCOME:

Highway Users Fund (9% of Regular 95% Dis Interest on Investments Increase (Decrease) in income over 1997 estil Unexpended balance of 1997 Administrative (Unexpended balance of 1997 Research Accord	mate Cost Account	「urnback ——	\$88,526,441 8,750,000 (1,212,867) 111,442
Total Funds Available			\$96,175,016
DEDUCTIONS:			
Administrative Account (1-1/2% of total funds	available)		\$1,442,625
Disaster Fund Legal Limit (5% of the Current Apportionment Sun Unexpended balance as of 12/31/97 Amount required to make maximum allowed NOTE: Annual amount cannot be greater th available after deducting Administrative	d nan 2% of total funds	\$4,691,413 4,240,320	\$451, 093
Research Account (1/2 of 1% of the 1997 Appo \$90,608,066 x .50% = \$453,040 (As determined by 1997 Screening Board)	ortionment Sum)		\$453,040
APPORTIONMENT SUM Available for Dis			
the Urban Municipalities in 1998			\$93,828,258
Population Money Needs	50% = 50% =	\$46,914,129 46,914,129	

\$93,828,258

SCHEDULE "D"

Minnesota Department of Transportation ESTIMATED Funds Available for Distribution in 1998

Town Bridge Account & Town Road Account

Income to Town Bridge Account: Highway Users Fund(64% x 25% x 5%) Increase (Decrease) in income over previous years estimates	\$8,283,176 151,419
Total monies available for distribution to Towns in 1998	\$8,434,595
Income to Town Road Account: Highway Users Fund(64% x 47.5% x 5%) Increase (Decrease) in income over previous years estimates	\$15,738,034 287,695
Total monies available for distribution to Towns in 1998	\$16,025,729

APPORTIONMENT SUMMARY

The Municipalities share of the Highway Users Tax Distribution Fund for the 1998 apportionment is \$93,828,258. This amount is a increase of \$3,220,192 or 3.5540 % greater than the 1997 apportionment. The increase in revenue is mainly attributed to a greater amount collected for the motor vehicle tax. The available funds are distributed 50% on Population and 50% on Adjusted Construction (Money) Needs and is done by the following steps.

Step 1. Population Allocation is determined:

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

The 1990 Federal Census or Special Census in conjunction with the State Demographer's or Metropolitan Council's 1996 estimate was used to determine the 1998 population apportionment. The estimate was used to compute the population apportionment when the City's population was larger than the 1990 census or special census. The census was used if the estimate indicated a lower population.

The following adjustments were made to the 1990 census and 1996 estimate due to annexations and detachments.

Albert Lea	+	2 Rochester	+	10
North Mankato	+	5 Sartell	+	4
Prior Lake	+	3 Willmar	+	4

The population used for allocation purposes increased 264,061 since the 1990 census. Besides the use of population estimates, the increase includes the addition of 9 new cities and the population included in numerous annexations. The addition of 9 cities by using the estimate increased 49,954 and the annexations increased the total by 9,327.

Three Cities were added in 1997. Dayton, located in the northwest metro area, Stewartville, located south of Rochester and St. Paul Park located in the southeast metro area. These three cities increased the total of cities over 5,000 to 125.

The per capita population allocation is approximately \$15.22. This is increase of \$.26 from the 1997 allocation. All cities had a increase in population apportionment from the 1997 apportionment.

Step 2. MSAS Construction Needs Allocation is determined:

50% of the total apportionment sum is determined on a prorated share that the city's

Adjusted Construction (Money) Needs bears to the total Adjusted Construction Needs of all cities. The meaning of Construction (Money) Needs used in this report is a estimate of constructing and maintaining the Municipal State Aid Street (MSAS) system over a period of 20 years. The MSAS system comprises up to 20% of the city's local and county road mileage plus county or trunk highway turnback mileage. The result of Screening Board adjustments to the Construction Needs are called the Adjusted Construction Needs.

In the 1998 apportionment, \$1000 in Adjusted Construction Needs earned approximately \$26.73. This is a increase of \$.82 per \$1000 from the 1997 apportionment when the needs earned approximately \$25.91. The value of the adjusted needs were increased due to the additional revenue received for distribution. The Construction Needs Allocation yielded 72 cities with a increase and 53 cities with a decrease in allocation. The needs study update and the quantity table changes had the most affect on a cities allocation in 1997. The total affect of these changes and additions increased the adjusted needs over 7 million dollars from the 1996 needs study.

Three cities were added in 1997 and accounted for 18.12 of 75.53 miles that were added to the 1997 needs study. The other mileage added is the result of County Turnbacks and mileage added due to growth.

Step 3. The Total Allotment is determined:

Population and Adjusted Construction Needs allocations are combined to determine the city's total apportionment. 95 cities increased and 30 decreased in allocation from the 1997 Apportionment.

Step 4. Construction and Maintenance Allotments are determined:

Each city's total allotment is used to determine the amount allocated to their Maintenance and Construction Accounts. If a city didn't request more than the minimum maintenance, it was allocated at a rate of \$1500 per improved mile plus any bond interest that is due in 1998. An Administrative Variance from the State Aid rules adopted in 1995 was processed so that the minimum maintenance could be allocated at \$1500 per improved mile instead of \$1000 per improved kilometer. A greater amount is allocated to those cities that have submitted a written request before December 16 preceding the apportionment. After the maintenance amount is determined, the remaining amount is allocated to the city's construction account.

POPULATION SUMMARY

The 1990 Census and the 1996 Estimate includes population increases or decreases due to annexations or detachments.

	Municipality	1990 or Special Gensus	1994 Population Estimate	1995 Population Estimate	1996 Population Estimate	Difference between 94 & 95 Estimate	Difference between 95 & 96 Estimate	Difference between 96 Estimate & 90 Census	Population used for 1998 Allocation
***	Albert Lea	18,312	18,338	18,207	18,185	(131)	(22)	90 Gensus (127)	18,312
	Alexandria	8,029	8,251	8,274	8,348	23	74	319	
	Andover	15,216	19,465	20,497	21,495	1,032	998	6,279	8,348
	Anoka	17,192	17,509	17,533	17,693	24	160	501	21,495
	Apple Valley	34,598	39,188	40,684	41,578	1,496	894	6,980	17,693 41,578
1	Arden Hills	9,199	9,426	9,560	9,678	134	118	479	9,678
1	Austin	21,953	22,062	22,055	22,086	(7)	31	133	22,082
	Bemidji	11,166	11,494	11,422	11,509	(72)	87	343	11,509
1	Blaine	38,975	41,658	42,268	43,029	610	761	4,054	43,029
	Bloomington	86,335	86,683	86,912	87,292	229	380	957	87,292
	Brainerd	12,353	12,521	12,579	12,591	58	12	238	12,591
***	Brooklyn Center	28,887	28,484	28,463	28,502	(21)	39	(385)	28,887
1	Brooklyn Park	56,381	58,471	59,832	61,297	1,361	1,465	4,916	61,297
	Buffalo	7,302	7,722	7,994	9,114	272	1,120	1,812	9,114
	Burnsville	51,288	54,525	55,550	56,952	1,025	1,402	5,664	56,952
	Cambridge	5,102	5,222	5,325	5,356	103	31	254	5,356
	Champlin	16,849	19,030	19,154	19,838	124	684	2,989	19,838
	Chanhassen	11,736	14,316	15,231	16,199	915	968	4,463	16,199
l	Chaska	11,339	13,721	14,000	14,370	279	370	3,031	14,370
***	Chisholm	5,290	5,220	5,170	5,167	(50)	(3)	(123)	5,290
	Cloquet	10,885	11,070	11,160	11,164	90	4	279	11,164
***	Columbia Heights	18,910	18,882	18,681	18,683	(201)	2	(227)	18,910
	Coon Rapids	52,978	58,991	59,981	60,703	990	722	7,725	60,703
	Corcoran	5,199	5,508	5,549	5,615	41	66	416	5,615
	Cottage Grove	22,935	26,675	27,726	29,031	1,051	1,305	6,096	29,031
	Crookston	8,119	8,163	8,135	8,152	(28)	17	33	8,152
***	Crystal	23,788	23,703	23,661	23,667	(42)	6	(121)	23,788
****	Dayton			•	5,058	` -/	5,058	5,058	5,058
	Detroit Lakes	7,147	7,301	7,317	7,324	16	7	177	7,324
	Duluth	85,493	85,746	85,665	85,511	(81)	(154)	18	85,511

		1990 or Special	1994 Population	1995 Population	1996 Population Estimate	Difference between 94 & 95 Estimate	Difference between 95 & 96 Estimate	Difference between 96 Estimate & 90 Census	Population used for 1998 Allocation
	Municipality	Census	Estimate 54.057	Estimate 56,681	57,757	1,724	1,076	10,348	57,757
1	Eagan	47,409	54,957 8,702		9,172	293	1,070	1,122	9,172
	East Bethel	8,050	8,702	8,995 8,983	9,003	36	20	345	9,003
	East Grand Forks	8,658	8,947		47,840	2,121	1,530	8,529	47,840
	Eden Prairie	39,311	44,189	46,310		2,121	1,330	954	47,040 47,029
	Edina	46,075	46,841	46,845	47,029	4	104	934	47,029
	Elk River	11,143	12,811	13,286	14,019	475	733	2,876	14,019
***	Fairmont	11,265	11,350	11,340	11,337	(10)	(3)	72	11,337
	Falcon Heights	5,380	5,297	5,355	5,384	58	29	4	5,384
	Faribault	17,090	18,492	18,727	18,838	235	111	1,748	18,838
	Farmington	5,940	6,870	7,708	8,770	838	1,062	2,830	8,770
	Fergus Falls	12,701	12,596	12,876	13,079	280	203	378	13,079
j	Forest Lake	6,008	6,397	6,538	6,641	141	103	633	6,641
***	Fridley	28,335	28,104	28,204	28,267	100	63	(68)	28,335
**	Glencoe	5,196	,	5,196	5,196	5,196	0	0	5,196
***	Golden Valley	20,971	20,947	20,911	20,870	(36)	(41)	(101)	20,971
	Grand Rapids	7,976	8,163	8,159	8,366	(4)	207	390	8,366
	Ham Lake	8,924	9,825	10,243	11,030	418	787	2,106	11,030
	Hastings	15,478	16,200	16,392	16,920	192	528	1,442	16,920
1	Hermantown	6,761	7,237	7,093	7,133	(144)	40	372	7,133
***	Hibbing	18,046	17,964	17,857	17,824	(107)	(33)	(222)	18,046
1	Hopkins	16,529	16,536	16,573	16,665	37	92	136	16,665
**	Hugo	5,223	5,208	5,324	5,625	116	301	402	5,625
i	Hutchinson	11,459	12,174	12,505	12,587	331	82	1,128	12,587
***	International Falls	8,301	7,811	7,828	7,810	17	(18)	(491)	8,301
	Inver Grove Heights	22,477	25,243	26,012	26,981	769	969	4,504	26,981
	Lake Elmo	5,874	6,072	6,148	6,192	76	44	318	6,192
*	Lakeville	33,274	32,978	34,292	36,002	1,314	1,710	2,728	36,002
ł	Lino Lakes	8,807	12,266	13,097	13,756	831	659	4,949	13,756
	Litchfield	6,090	6,138	6,133	6,138	(5)	5	[′] 48	6,138
		8,971	9,225	9,337	9,469	112	132	498	9,469
	Little Canada	0,971	9,223	9,557					
	Little Falls	7,371	7,595	7,595	7,647	0	52	276	7,647
	Mahtomedi	5,633	6,353	6,543	6,865	190	322	1,232	6,865
	Mankato	31,412	31,913	31,977	32,000	64	23	588	32,000
	Maple Grove	38,736	43,542	44,313	44,996	771	683	6,260	44,996
	Maplewood	30,954	32,903	33,533	34,008	630	475	3,054	34,008

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								Difference		
	Municipality	1990 or Special Census	1994 Population Estimate	1995 Population Estimate	1996 Population Estimate	Difference between 94 & 95 Estimate	Difference between 95 & 96 Estimate	between 96 Estimate & 90 Census	Population used for 1998 Allocation	
	Marshall	12,023	12,397	12,331	12,348	(66)	17	325	12,348	
***	Mendota Heights	9,388	10,636	10,757	10,856	121	99	1,468	10,856	
	Minneapolis	368,383	366,480	365,889	364,382	(591)	(1,507)	(4,001)	368,383	
	Minnetonka	48,370	50,569	50,927	51,607	358	680	3,237	51,607	
	Montevideo	5,499	5,519	5,505	5,524	(14)	19	25	5,524	
	Monticello	5,045	5,527	5,885	6,334	358	449	1,289	6 224	
	Moorhead	32,295	33,618	33,675	33,800	57	125	1,505	6,334	
	Morris	5,613	5,647	5,627	5,663	(20)	36		33,800	
	Mound	9,634	9,592	9,584	9,695	(8)	111	50	5,663	
	Mounds View	12,541	12,552	12,561	12,789	9	228	61 248	9,695 12,789	
	New Brighton	22,207	22,328	22,538	22,584	240	40			
**	New Hope	21,853	21,651	21,646	22,384 21,698	210	46	377	22,584	
	New Ulm	13,132	13,477	13,628	13,881	(5)	52	(155)	21,853	
***	North Branch	5,140	5,140	5,354	5,726	151	253	749	13,881	
	North Mankato	10,667	11,183	11,340	11,566	214 157	372 226	586 899	5,726	
	North St. Paul	12.276	40.000				220	099	11,566	
	Northfield	12,376	12,809	12,813	12,764	4	(49)	388	12,764	
***	Oak Grove	14,684	15,352	15,667	15,859	315	192	1,175	15,859	
	Oak Glove Oakdale	5,488	5,997	6,097	6,254	100	157	766	6,254	
		18,403	22,933	23,835	24,862	902	1,027	6,459	24,862	
	Orono	7,285	7,444	7,476	7,577	32	101	292	7,577	
	Otsego	5,380	6,017	6,283	6,391	266	108	1,011	6 204	
	Owatonna	19,386	20,280	20,433	20,577	153	144	1,191	6,391 20,577	
	Plymouth	50,889	57,391	58,960	60,344	1,569	1,384	9,455		
	Prior Lake	11,485	12,559	13,129	13,522	570	393	2,037	60,344 13,522	
	Ramsey	12,408	14,907	15,805	16,431	898	626	4,023	16,431	
	Red Wing	15,134	15,645	15,701	15,770	56	69	636	15 770	
***	Redwood Falls	5,062	•	5,134	5,164	5,134	30	102	15,770	
kr#	Richfield	35,710	35,261	35,237	34,672	(24)	(565)	(1,038)	5,164	
k*	Robbinsdale	14,396	14,255	14,206	14,196	(49)	(10)	(200)	35,710 14,306	
	Rochester	70,991	76,865	76,559	77,219	(306)	660	6,228	14,396 77,219	
	Rosemount	8,622	11,086	11,721	12,272	635	551	3,650	10.070	
	Roseville	33,485	33,674	33,942	34,014	268	72	5,030 529	12,272	
	St. Anthony	7,727	7,939	8,362	8,400	423	38	673	34,014	
	St. Cloud	56,922	58,253	58,566	58,646	313	80	1,724	8,400 58,646	
	St. Louis Park	43,787	43,641	43,568	43,967	(73)	399	1,724	58,646 43,967	

THE REAL PROPERTY.								Difference	
	Municipality	1990 or Special Census	1994 Population Estimate	1995 Population Estimate	1996 Population Estimate	Difference between 94 & 95 Estimate	Difference between 95 & 96 Estimate	between 96 Estimate & 90 Census	Population used for 1998 Allocation
****	St. Michael	5,867	•	6,559	6,875	6,559	316	1,008	6,875
***	St. Paul	272,235	271,660	271,120	270,441	(540)	(679)	(1,794)	272,235
****	St. Paul Park	,	,	•	5,024		5,024	5,024	5,024
	St. Peter	9,481	9,782	9,833	9,789	51	(44)	308	9,789
	Sartell	5,676	6,455	7,063	7,540	608	477	1,864	7,540
	Sauk Rapids	7,823	8,946	9,216	9,318	270	102	1,495	9,318
	Savage	9,906	13,703	14,444	15,152	741	708	5,246	15,152
	Shakopee	11,739	13,041	13,752	14,292	711	540	2,553	14,292
1	Shoreview	24,587	25,957	26,049	26,118	92	69	1,531	26,118
	Shorewood	5,913	6,613	6,794	6,889	181	95	976	6,889
	South St. Paul	20,197	20,396	20,255	20,211	(141)	(44)	14	20,211
1	Spring Lake Park	6,532	6,628	6,717	6,742	89	25	210	6,742
****	Stewartville	•	•		5,032		5,032	5,032	5,032
	Stillwater	13,972	15,350	15,739	15,906	389	167	1,934	15,906
	Thief River Falls	8,010	8,043	8,053	8,285	10	232	275	8,285
	Vadnais Heights	11,041	11,968	12,342	12,895	374	553	1,854	12,895
***	Virginia	9,431	9,232	9,173	9,169	(59)	(4)	(262)	9,431
	Waite Park	5,460	5,903	5,922	5,970	19	48	510	5,970
***	Waseca	8,385	8,184	8,263	8,434	79	171	49	8,434
	West St. Paul	19,248	19,332	19,421	19,450	89	29	202	19,450
	White Bear Lake	24,622	25,804	25,849	26,017	45	168	1,395	26,017
	Willmar	17,535	18,544	18,688	18,658	144	(30)		18,658
1	Winona	26,286	25,805	26,623	26,612	818	(11)		26,612
 *	Woodbury	26,900	28,627	31,258	33,426	2,631	2,168	6,526	33,426
	Worthington	9,977	10,200	10,260	10,411	60_	151	434	10,411
	TOTAL	2,867,017	2,969,988	3,021,628	3,072,413	51,640	50,785	205,396	3,081,724

^{*} Took special census after the 1990 census.

^{**} Took special census after the 1990 census and became a city over 5,000.

^{***} Used the 1990 census plus population adjustments for annexations or detachments (if any) for allocation.

^{****} Incorporated or consolidated after the 1990 census.

^{*****} Used estimate in becoming a city over 5,000 population.

1998 POPULATION APPORTIONMENT

(The allocation per Capita equals approximately \$15.22)

The 1990 Census and the 1996 Estimate includes population increases or decreases due to annexations or detachments.

		Population Used for 1997	Population Used for 1998	1997 Allocation Using 1990 Census or	1998 Allocation Using 1990 Census or	Difference Between 97 & 98	% Increase
	Municipality	Allocation	Allocation	95 Estimate	96 Estimate	Apport.	(Decrease)
***	Albert Lea	18,310	18,312	\$273,891	\$278,770	\$4,879	1.7814
	Alexandria	8,274	8,348	123,767	127,084	3,317	2.6800
	Andover	20,497	21,495	306,606	327,226	20,620	6.7252
	Anoka	17,533	17,693	262,268	269,347		2.6991
	Apple Valley	40,684	41,578	608,574	632,956	24,382	4.0064
	Arden Hills	9,560	9,678	143,004	147,331	4,327	3.0258
	Austin	22,055	22,082	329,911	336,162	6,251	1.8948
	Bemidji	11,422	11,509	170,857	175,205	4,348	2.5448
	Blaine	42,268	43,029	632,268	655,045	22,777	3.6024
	Bloomington	86,912	87,292	1,300,078	1,328,876	28,798	2.2151
	Brainerd	12,579	12,591	188,164	191,677	3,513	1.8670
***	Brooklyn Center	28,887	28,887	432,108	439,757	7,649	1.7702
1	Brooklyn Park	59,832	61,297	895,000	933,145	38,145	4.2620
	Buffalo	7,994	9,114	119,579	138,746	19,167	16.0287
	Burnsville	55,550	56,952	830,948	867,000	36,052	4.3387
	Cambridge	5,325	5,356	79,654	81,536	1,882	2.3627
1	Champlin	19,154	19,838	286,516	302,001	15,485	5.4046
ĺ	Chanhassen	15,231	16,199	227,834	246,603	18,769	8.2380
	Chaska	14,000	14,370	209,420	218,759	9,339	4.4595
***	Chisholm	5,290	5,290	79,131	80,531	1,400	1.7692
	Cloquet	11,160	11,164	166,937	169,953	3,016	1.8067
***	Columbia Heights	18,910	18,910	282,866	287,873	5,007	1.7701
	Coon Rapids	59,981	60,703	897,229	924,102	26,873	2.9951
	Corcoran	5,549	5,615	83,005	85,479	2,474	2.9805
	Cottage Grove	27,726	29,031	414,741	441,949	27,208	6.5602
	Crookston	8,135	8,152	121,688	124,101	2,413	1.9829
***	Crystal	23,788	23,788	355,834	362,133	6,299	1.7702
****	Dayton		5,058	•	77,000	77,000	100.0000
	Detroit Lakes	7,317	7,324	109,452	111,496	2,044	1.8675
	Duluth	85,665	85,511	1,281,425	1,301,763	20,338	1.5871

				1997	1998		
		Population Used for	Population Used for	Allocation Using 1990	Allocation Using 1990	Difference Between	%
		1997	1998	Census or	Census or	97 & 98	Increase
	Municipality	Allocation	Allocation	95 Estimate	96 Estimate	Apport.	(Decrease)
	Eagan	56,681	57,757	\$847,866	\$879,254	\$31,388	3.7020
	East Bethel	8,995	9,172	134,552	139,628	5,076	3.7725
	East Grand Forks	8,983	9,003	134,373	137,056	2,683	
	Eden Prairie	46,310	47,840	692,731	728,285	35,554	
	Edina	46,845	47,029	700,734	715,938	15,204	2.1697
	Elk River	13,286	14,019	198,739	213,416	14,677	
	Fairmont	11,340	11,337	169,630	172,587	2,957	1.7432
	Falcon Heights	5,380	5,384	80,477	81,962	1,485	
	Faribault	18,727	18,838	280,129	286,777	6,648	
	Farmington	7,708	8,770	115,301	133,509	18,208	15.7917
	Fergus Falls	12,876	13,079	192,606	199,106	6,500	
	Forest Lake	6,538	6,641	97,799	101,098	3,299	
***	Fridley	28,335	28,335	423,851	431,353	7,502	
**	Glencoe	5,196	5,196	77,725	79,100	1,375	
***	Golden Valley	20,971	20,971	313,696	319,249	5,553	1.7702
	Grand Rapids	8,159	8,366	122,047	127,358	5,311	4.3516
	Ham Lake	10,243	11,030	153,220	167,913	14,693	
	Hastings	16,392	16,920	245,201	257,579	12,378	
	Hermantown	7,093	7,133	106,101	108,588	2,487	
***	Hibbing	18,046	18,046	269,942	274,720	4,778	1.7700
	Hopkins	16,573	16,665	247,908	253,697	5,789	
**	Hugo	5,324	5,625	79,639	85,631	5,992	
	Hutchinson	12,505	12,587	187,057	191,616	4,559	
***	International Falls	8,301	8,301	124,171	126,369	2,198	
	Inver Grove Heights	26,012	26,981	389,102	410,741	21,639	5.5613
	Lake Elmo	6,148	6,192	91,965	94,263	2,298	
*	Lakeville	34,292	36,002	512,959	548,071	35,112	
	Lino Lakes	13,097	13,756	195,912	209,412	13,500	
	Litchfield	6,133	6,138	91,741	93,441	1,700	
	Little Canada	9,337	9,469	139,668	144,150	4,482	3.2090
	Little Falls	7,595	7,647	113,610	116,413	2,803	
	Mahtomedi	6,543	6,865	97,874	104,508	6,634	
	Mankato	31,977	32,000	478,330	487,147	8,817	
	Maple Grove	44,313	44,996	662,858	684,989	22,131	
	Maplewood	33,533	34,008	501,605	517,715	16,110	3.2117

		D L	S	1997	1998		
		Population Used for	Population Used for	Allocation Using 1990	Allocation Using 1990	Difference Between	%
		1997	1998	Census or	Census or	97 & 98	% Increase
	Municipality	Allocation	Allocation	95 Estimate	96 Estimate	Apport.	(Decrease
	Marshall	12,331	12,348	\$184,454	\$187,978	\$3,524	
***	Mendota Heights	10,757	10,856	•	165,265	4,356	
***	Minneapolis	368,383	368,383	, , ,	5,608,019	97,542	
	Minnetonka	50,927	51,607	761,794	785,631	23,837	3.1291
	Montevideo	5,505	5,524	82,347	84,094	1,747	
-	Monticello	5,885	6,334	88,031	96,425	8,394	9.5353
	Moorhead	33,675	33,800	503,729	514,549	10,820	2.1480
i	Morris	5,627	5,663	84,172	86,210	2,038	2.4212
l	Mound	9,634	9,695	144,111	147,590	3,479	2.4141
	Mounds View	12,561	12,789	187,894	194,691	6,797	3.6175
l	New Brighton	22,538	22,584	337,136	343,804	6,668	1.9778
***	New Hope	21,853	21,853	326,889	332,676	5,787	1.7703
	New Ulm	13,628	13,881	203,855	211,315	7,460	3.6595
***	North Branch	5,354	5,726	80,088	87,169	7,081	8.8415
	North Mankato	11,340	11,566	169,630	176,073	6,443	3.7983
	North St. Paul	12,813	12,764	191,664	194,311	2,647	1.3811
-	Northfield	15,667	15,859	234,356	, 241,427	7,071	3.0172
***	Oak Grove	6,097	6,254	91,202	95,207	4,005	4.3914
	Oakdale	23,835	24,862	356,537	378,483	21,946	6.1553
	Orono	7,476	7,577	111,830	115,347	3,517	3.1450
	Otsego	6,283	6,391	93,985	97,292	3,307	3.5186
	Owatonna	20,433	20,577	305,648	313,251	7,603	2.4875
	Plymouth	58,960	60,344	881,956	918,637	36,681	4.1591
	Prior Lake	13,129	13,522	196,391	205,850	9,459	4.8164
	Ramsey	15,805	16,431	236,420	250,135	13,715	5.8011
	Red Wing	15,701	15,770	234,864	240,072	5,208	2.2175
***	Redwood Falls	5,134	5,164	76,797	78,613	1,816	2.3647
***	Richfield	35,710	35,710	534,170	543,625	9,455	1.7700
***	Robbinsdale	14,396	14,396	215,343	219,155	3,812	1.7702
	Rochester	76,559	77,219	1,145,212	1,175,531	30,319	2.6475
	Rosemount	11,721	12,272	175,329	186,821	11,492	6.5545
	Roseville	33,942	34,014	507,723	517,807	10,084	1.9861
	St. Anthony	8,362	8,400	125,083	127,876	2,793	2.2329
	St. Cloud	58,566	58,646	876,063	892,788	16,725	1.9091
	St. Louis Park	43,787	43,967	654,990	669,325	14,335	2.1886

		Population Used for 1997	Population Used for 1998	1997 Allocation Using 1990 Census or	1998 Allocation Using 1990 Census or	Difference Between 97 & 98	% Increase
	Municipality	Allocation	Allocation	95 Estimate	96 Estimate	*\$3.77 - \$25*\$355 \$\$75\$) \$38\$\$55555\$\$\$8555	(Decrease)
****	St. Michael	6,559	6,875	\$98,113	\$104,660	\$6,547	6.6729
***	St. Paul	272,235	272,235	4,072,242	4,144,326	72,084	1.7701
****	St. Paul Park		5,024		76,482	76,482	100.0000
	St. Peter	9,833	9,789	147,087	149,021	1,934	1.3149
	Sartell	7,063	7,540	105,652	114,784	9,132	8.6435
	Sauk Rapids	9,216	9,318	137,858	141,851	3,993	2.8965
	Savage	14,444	15,152	216,061	230,664	14,603	6.7587
	Shakopee	13,752	14,292	205,710	217,572	11,862	5.7664
	Shoreview	26,049	26,118	389,655	397,603	7,948	2.0398
	Shorewood	6,794	6,889	101,628	104,874	3,246	3.1940
	South St. Paul	20,255	20,211	302,986	307,679	4,693	1.5489
	Spring Lake Park	6,717	6,742	100,477	102,636	2,159	2.1488
****	Stewartville		5,032		76,604	76,604	100.0000
	Stillwater	15,739	15,906	235,433	242,142	6,709	2.8496
	Thief River Falls	8,053	8,285	120,461	126,125	5,664	4.7019
	Vadnais Heights	12,342	12,895	184,618	196,305	11,687	6.3304
***	Virginia	9,431	9,431	141,074	143,571	2,497	1.7700
	Waite Park	5,922	5,970	88,585	90,883	2,298	2.5941
	Waseca	8,385	8,434	125,427	128,394	2,967	2.3655
	West St. Paul	19,421	19,450	290,510	296,094	5,584	1.9221
	White Bear Lake	25,849	26,017	386,664	396,066	9,402	2.4316
	Willmar	18,688	18,658	279,545	284,037	4,492	1.6069
	Winona	26,623	26,612	398,242	405,123	6,881	1.7278
*	Woodbury	31,258	33,426	467,576	508,855	41,279	8.8283
	Worthington	10,260	10,411	153,476	158,491	5,015	3.2676
	TOTAL	3,028,637	3,081,724	\$45,304,033	\$46,914,129	\$1,610,096	3.5540

^{*} Took special census after the 1990 census.

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

1998 Apport.	<u>\$46,914,129</u> 3,081,724	Equals	\$15.22333895 Per person
1997 Apport.	<u>\$45,304,033</u> 3,028,637	Equals	\$14.95855495 Per person

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.

1998 MSAS CONSTRUCTION APPORTIONMENT NEEDS

The 25-year construction (money) needs shown in this report are arrived from the "1997 Needs Study Update." Each city's total construction needs are computed from roadway data submitted by that city for their Municipal State Aid Street System. A number of adjustments are made to the actual construction needs as outlined by the Screening Board Resolutions and directed by the Screening Board. The adjusted construction needs are the result of subtracting for the Unencumbered Construction Fund Balance and adding or subtracting for Bond Accounts, adding Non-existing Bridge "After the Fact Needs", and adding Right-of-Way "After the Fact Needs".

50% of the total apportionment is determined on a prorated share that each city's adjusted construction needs bears to the total of all the adjusted construction needs. This tabulation shows each municipality's construction needs apportionment based on the amount of funds available to allocate.

This summary provides specific data and shows the impact of the adjustments to each municipality in establishing the 1998 Construction Needs Apportionment. The adjustments are listed individually in the section labled as "Adjustments to the 25 Year Construction Needs".

1998 ADJUSTED CONSTRUCTION NEEDS APPORTIONMENT

		(-)	(+ or -)	(+)	(+)			Construction Needs	(+) TH	1998	
						-	1007	100000000000000000000000000000000000000		Construction	%
	1997 Actual	Unencumbered	.	Non-	R/W	Total Affect	1997 Adjusted	Apportion- Ment Minus	Main-	Needs	76 Of
	25-Year	Construction	Bond Account	Existing Bridge	Acquisition	Of	Construction	Turnback	tenance	Apportion-	Total
	Construction Needs	Fund Balance Adjustment	profesional and the second of the second	Adjustment		Adjustments	Needs	Maintenance	व्यक्तिको विक्रियो विक्रियो विक्रियो विक्रियो । विक्रियो विक्रियो विक्रियो विक्रियो विक्रियो विक्रियो विक्रियो		Dist.
Municipality Albert Lea	\$11,316,464				\$6,827	(\$1,248,966)	\$10,067,498	\$269,120			0,5736
Alexandria	7,461,854				ψ0,0 <u>-</u> -	(24,668)					0.4238
Andover	14,871,400	, , ,	\$100,000		150,801	250,801	15,122,201	404,241		404,241	0.8617
Anoka	5,961,525		(432,235)		216,505	(215,730)	5,745,795	153,594		153,594	0.3274
Apple Valley	16,139,990	-	940,554			`====	16,726,246	11		447,119	0.9531
Arden Hills	3,933,236	0				0	3,933,236			,	0.2241
Austin	19,552,367	(2,110,250)				(2,110,250)	17,442,117				0.9938
Bemidji	8,410,824	(881,340)			220,201	(661,139)		li '		,	0.4416
Blaine	18,318,263	(1,823,624)			292,356	(1,531,268)	16,786,995	11		,	0.9565
Bloomington	59,900,600	(501,704)		\$2,745,123	10,055,406	12,298,825	72,199,425	1,930,007		1,930,007	4.1139
Brainerd	6,466,043	(833,681)			352,019	(481,662)				,	0.3410
Brooklyn Center	10,382,907	0	2,205,000		2,523,341	4,728,341	15,111,248	11		,	0.8610
Brooklyn Park	20,352,904	(1,767,279)			379,223	(1,388,056)		II '	\$21,168		1.1257
Buffalo	5,967,373	0				. 0	5,967,373		 -		0.3400
Burnsville	22,201,328	0		412,627	1,334,446	1,747,073	23,948,401	640,179		640,179	1.3646
Cambridge	4,241,718		596,142			596,142	4,837,860		15,480		0.3087
Champlin	6,846,825				123,432					,	0.3617
Chanhassen	11,246,747				65,000	(370,889)				,	0.6197
Chaska	7,940,529		w ••	408,699	92,467		8,441,695	B .	4 0 4 4	,	0.4810
Chisholm	4,070,211	(115,247)				· ¹¹ (115,247)	3,954,964	105,723	1,944	107,667	0.2295
Cloquet	11,209,001	(435,062)	595,000		22,271	182,209	11,391,210	304,505	4,752	309,257	0.6592
Columbia Heights	8,053,349				133,200	(1,354,031)	6,699,318	179,084		- 179,084	0.3817
Coon Rapids	16,508,632	, , , , ,			1,060,488	(1,296,126)	15,212,506	406,655		,	0.8668
Corcoran	5,445,393				5,762	5,762	5,451,155				0.3106
Cottage Grove	17,016,961			51,603	458,865	510,468	17,527,429	468,536		468,536	0.9987
Crookston	11,533,732	2 (181,510)			1,050,364	•	12,402,586	11		,	0.7067
Crystal	11,475,248	3 (86,518)			3,682,636		15,071,366			402,882	0.8588
Dayton	6,148,385					-	6,148,385			,	0.3503
Detroit Lakes	3,756,277	7 (196,061)			_	(1					0.2029
Duluth	65,334,280			1,054,200	310,355	1,364,555	66,698,835	1,782,967	118,080	1,901,047	4.0522

		(-)	(+ or -)	(+)	(+)			Construction	(+)		
					\			Needs	TH	1998	
	1997 Actual	Unencumbered		Non-		Total	1997	Apportion-		Construction	0/
	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		Needs	Maintenance		ment	i otai Dist.
Eagan	\$19,743,080	\$0	\$975,000		\$392,508	\$1,367,508	\$21,110,588	\$564,320		\$564,320	1.2029
East Bethel	8,399,303	(804,836)			17,200	(787,636)	7,611,667	203,472		203,472	0.4337
East Grand Forks	5,077,063	(351,638)			121,700	(229,938)	4,847,125	129,571		129,571	0.4337
Eden Prairie	22,759,400	(91,241)	(1,503,337)	\$1,486,202		(108,376)	22,651,024			605,498	1.2907
Edina	21,393,842	(3,273,878)		1,107,123	305,393	(1,861,362)	19,532,480			522,135	1.1130
Elk River	14,001,075	0	525,000		250,867	775,867	14,776,942	395,011	***	395,011	0.8420
Fairmont	17,737,972	0			73,163	73,163	17,811,135	476,120		476,120	1.0149
Falcon Heights	810,211	(305,331)	(27,988)			(333,319)	476,892	12,748		12,748	0.0272
Faribault	14,375,250	(72,700)			2,346	(70,354)	14,304,896	382,393		382,393	0.0272
Farmington	9,375,547	(1,190,543)			83,865	(1,106,678)	8,268,869	221,040		221,040	0.6151
Fergus Falls	10,796,965	(350,182)			\$67,200	(282,982)	10,513,983	281,056	\$37,944	319,000	0.6800
Forest Lake	3,662,527	0	**		64,783	64,783	3,727,310	99,637	ΨΟ/,ΟΨΨ	99,637	0.0000
Fridley	7,867,705	(833,155)			95,081	(738,074)	7,129,631	190,587		190,587	0.2124
Glencoe	5,110,523	(154,624)				(154,624)	4,955,899	132,479		132,479	0.4002
Golden Valley	12,995,384	(31,507)			419,693	388,186	13,383,570	357,764		357,764	0.7626
Grand Rapids	6,578,744	0				0	6,578,744	175,860		175,860	0.3740
jHam Lake	7,614,371	(48, 199)	400,000		131,576	483,377	8,097,748	216,466		216,466	0.3749 0.4614
Hastings	5,557,471	0			,	0	5,557,471	148,560		148,560	0.4614
Hermantown	5,004,001	(776,566)			129,858	(646,708)	4,357,293	116,477		116,477	0.3167
Hibbing	24,441,358	(1,025,348)	**		205,360	(819,988)	23,621,370	631,437	2,016	633,453	1.3502
Hopkins	7,542,173	0	**=	***		0	7,542,173	201,614		204 644	0.4000
Hugo	7,930,000	(645,780)			<u></u> ,	(645,780)	7,284,220	194,719		201,614	0.4298
Hutchinson	8,808,303	0		829,686	175,000	1,004,686	9,812,989	262,317		194,719	0.4151
International Falls	4,833,137	(558,056)		·	,	(558,056)	4,275,081	114,280		262,317 114,280	0.5591
Inver Grove Heights	12,268,074	(689,650)			1,127,132	(873,685)	11,394,389	304,590		304,590	0.2436 0.6493
Lake Elmo	2,796,805	(390,054)			106,951	(283,103)	2,513,702	67,195		67 405	
Lakeville	26,091,421	0		959,382	712,328	1,671,710	27,763,131	742,153		67,195 742,153	0.1432
Lino Lakes	12,522,865	(853,598)		·	64,950	(788,648)	11,734,217	313,675	2,016	315,691	1.5819
Litchfield	5,246,877	(109,822)				(109,822)	5,137,055	137,322	2,010	137,322	0.6729 0.2927
Little Canada	5,824,467	0	150,000			150,000	5,974,467	159,707		159,707	0.2927
Little Falls	8,256,661	0	**		407,923	407,923	8,664,584	231,618		224 640	
Mahtomedi	2,708,523	0				0	2,708,523	72,403		231,618 72,403	0.4937
Mankato	22,648,322	(63,085)			433,175	370,090	23,018,412	615,319		72,403 615,319	0.1543
Maple Grove	25,167,368	0	3,005,000		1,366,419	4,371,419	29,538,787	789,619		789,619	1.3116 1.6831
Maplewood	12,833,870	(379,645)				(379,645)	12,454,225	332,921		332,921	0.7096

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		(-)	(+ or -)	(+)	(+)			Construction			
								Needs	TH	1998	
		Unencumbered		Non-		Total	1997	Apportion-		Construction	%
	25-Year	Construction	Bond	Existing	RW	Affect	Adjusted	Ment Minus	Main-	Needs	Of
	Construction	Fund Balance	Account	Bridge	Acquisition	Of	Construction	Turnback	tenance	Apportion-	Total Dist.
Municipality	Needs	Adjustment	Adjustment	Adjustment	Adjustment		Needs 704	Maintenance		4040 550	0.4616
Marshall	\$8,728,180	(\$566,395)	(\$74,504)		\$14,443	(\$626,456)	\$8,101,724 5,480,362	\$216,572 146,499		4.40.400	0.4010
Mendota Heights	5,962,649	(491,257)		 02 406 054	8,970	(482,287)	206,333,081	5,515,616			11.7568
Minneapolis	196,523,966	(1,236,292)		\$3,196,054	7,849,353 700,480	9,809,115 700,480	24,203,083	1			1.3791
Minnetonka	23,502,603	(200,686)			17,121	(183,565)	3,764,354	100,627		400 00	0.2145
Montevideo	3,947,919	(200,000)			17,121	(100,000)	0,704,004	100,021		100,027	0.2110
Monticello	3,054,910	(263,521)			149,510	(114,011)	2,940,899	1		,	0.1676
Moorhead	20,121,230	(108,196)		1,149,085	400,308	1,441,197	21,562,427	IX		,	1.2286
Morris	2,629,214	(280,761)			2,379	(278,382)	2,350,832			,	0.1340
Mound	3,813,787	(21,724)			595,641	573,917	4,387,704	117,290		,== -	0.2500
Mounds View	5,154,059	(631,962)				(631,962)	4,522,097	120,883		- 120,883	0.2577
New Brighton	7,010,592	(91,359)				(91,359)	6,919,233	184,962		184,962	0.3943
New Hope	9,086,753	0			183,000	183,000	9,269,753			247,795	0.5282
New Ulm	8,969,332	(324,449)			·	(004 440)	8,644,883	231,092		231,092	0.4926
North Branch	10,037,253	(314,024)	44.00			(314,024)	9,723,229	259,918		259,918	0.5540
North Mankato	7,607,074				395,146	395,146	8,002,220	213,912		- 213,912	0.4560
North St. Paul	5,254,236	(65,625)		***	78,068	12,443	5,266,679	140,787		- 140,787	0.3001
Northfield	8,130,021	(711,858)			8,850	(703,008)	7,427,013	198,536		- 198,536	0.4232
Oak Grove	7,216,449	, , ,			54,551	54,551	7,271,000	194,366	•	- 194,366	0.4143
Oakdale	8,158,561	0	928,781		233,629	1,162,410	9,320,971	249,165		,	0.5311
Orono	9,222,670	(686,185)			29,164	(657,021)	8,565,649	228,974		- 228,974	0.4881
Otsego	8,636,476	(762,911)			8,900	(754,011)	7,882,465	210,711	_	- 210,711	0.4491
Owatonna	10,982,957				-,	` .	10,982,957	1)		- 293,592	0.6258
Plymouth	25,890,842				200,901	200,901	26,091,743			- 697,474	1.4867
Prior Lake	8,710,986				281,025	(403,573)	8,307,413	222,071	-	- 222,071	0.4734
Ramsey	13,171,941	(685,006)		357,631	171,648	(155,727)	13,016,214	347,944		- 347,944	0.7417
Red Wing	15,021,130	0		1,169,742	72,851	1,242,593	16,263,723	434,756		- 434,756	0.9267
Redwood Falls	5,040,341		(190,000)			(005 740)				- 127,633	0.2721
Richfield	14,877,505				3,613,615	1,070,759	15,948,264	426,323	-	- 426,323	0.9087
Robbinsdale	5,325,450	• • • • • •				. 0	5,325,450	142,358	-	- 142,358	0.3034
Rochester	38,942,461				3,616,427	2,901,705	41,844,166		! -	- 1,118,562	2.3843
Decemount	13,187,178	(400,471)	(125,000)			(525,471)	12,661,707	338,468		- 338,468	0.7215
Rosemount	12,289,586		1,100,000	3,321,363	1,660,726	5,025,538	17,315,124			462,861	0.9866
Roseville St. Anthony	3,922,712			0,021,000	1,000,720	(500.044)				- 91,417	0.1949
St. Cloud	30,063,163		1,185,000		1,489,274		32,737,437				1.8841
St. Cloud St. Louis Park	17,442,199		1,100,000		200 005		17,745,104			474,355	

		(-)	(+ or -)	(+)	(+)			Construction	(+)		
	1997 Actual	Unencumbered		Non-		T-4-1	1007	Needs	TH	1998	
	25-Year	Construction	Bond	Existing	R/W	Total Affect	1997	Apportion-		Construction	%
	Construction	Fund Balance	Account	Bridge	Acquisition	Of	Adjusted Construction	Ment Minus Turnback	Main-	Needs	Of
Municipality	Needs	Adjustment	Adjustment	Adjustment		Adjustments	Needs	Maintenance	tenance	Apportion-	Total
St. Michael	\$8,196,412	(\$5,996)				(\$5,996)		\$218,943	Allowanice 	ment \$218,943	Dist.
St. Paul	138,997,802	0			\$4,511,685	4,511,685	143,509,487			3,836,240	0.4667
St. Paul Park	3,693,105	(269,430)						, ,		91,520	8.1772
St. Peter	7,685,200	(696,809)			26,182	(670,627)		,		•	0.1951
Sartell	3,482,196	` oʻ			115,505	115,505	3,597,701	96,172		187,511	0.3997
						110,000	0,007,707	30,172		96,172	0.2050
Sauk Rapids	5,035,255	0			3,944	3,944	5,039,199	134,706	***	134,706	0.2871
Savage	12,246,826	0	\$200,000			200,000	12,446,826			332,724	0.2671
Shakopee	9,532,031	(106,202)				(400,000)	9,425,829	-		251,968	0.7092
Shoreview	5,947,396	(95,910)			14,945	(80,965)		156,819		156,819	
Shorewood	5,236,599	(1,196,942)				(1,196,942)		100,019		107,987	0.3343
						(1,100,012)	1,000,007	107,907		107,967	0.2302
South St. Paul	8,157,419	(1,849,935)				(1,849,935)	6,307,484	168,609		168,609	0.3594
Spring Lake Park	1,512,265	0			129,350	129,350	1,641,615			43,883	0.3594
Stewartville	2,453,843	0			,	0	2,453,843	65,595		65,595	0.0935
Stillwater	5,961,443	(415,634)			19,061	(396,573)	5,564,870	148,758		148,758	0.1398
Thief River Falls	11,829,166	(394,331)			70,642	(323,689)	11,505,477	307,560		307,560	0.6556
					,	(-20,000)	1,000,477	007,000		307,300	0.0000
Vadnais Heights	1,830,048	0				0	1,830,048	48,920		48,920	0.1043
Virginia	6,760,531	0				0	6,760,531	180,720	\$16,920	197,640	0.4213
Waite Park	4,035,486	0			28,764	28,764	4,064,250	108,644	Ψ10,020	108,644	0.4213
Waseca	3,128,716	(50,623)			5,000	(45,623)	3,083,093	82,416		82,416	0.2316
West St. Paul	5,861,687	0	***		·	0	5,861,687	156,693		156,693	0.1737
							0,001,001	100,000		130,093	0.3340
White Bear Lake	10,272,986	0			279,823	279,823	10,552,809	282,095		282,095	0.6013
Willmar	11,440,523	(804,543)			130,000	(674,543)	10,765,980	287,793	4,392	292,185	0.6228
Winona	11,652,169	(364,330)			·	(364,330)	11,287,839	301,743	1,002	301,743	0.6432
Woodbury	26,123,256	0	3,655,853	\$1,664,032	369,615	5,689,500	31,812,756	850,407		850,407	1.8127
Worthington	5,857,307	(971,073)			26,842	(944.231)	4 913 076	131 335		131,335	0.2799
STATE TOTAL	\$1,705,411,076	(\$49,110,546)	\$14,208,266	\$19,912,552	\$57,160,679	\$40,859,784	\$1,746,270,860	\$46,680,633	\$233 496	\$46,914,129	

Construction Needs Apportionment = \$46,680,633 / \$1,746,270,860 = 0.026731611

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

COMPARISON OF 1997 TO 1998 CONSTRUCTION NEEDS APPORTIONMENT

	1997 Construction	1998 Construction	Increase	%
<u>.</u>	Needs	Needs	(Decrease) Amount	Increase (Decrease)
Municipality	Apportionment	Apportionment \$269,120	\$17,880	7.1167
Albert Lea	\$251,240	φ269,120 198,808	(15,802)	(7.3631)
Alexandria	214,610		(9,199)	(2.2250)
Andover	413,440	404,241	6,439	4.3757
Anoka	147,155	153,594 447,119	14,247	3.2913
Apple Valley	432,872	447,119	14,247	3.2313
Arden Hills	81,644	105,142	23,498	28.7810
Austin	416,476	466,256	49,780	11.9527
Bemidji	216,404	207,162	(9,242)	(4.2707)
Blaine	473,751	448,743	(25,008)	(5.2787)
Bloomington	1,708,853	1,930,007	221,154	12.9417
Brainerd	143,496	159,972	16,476	11.4819
Brooklyn Center	479,164	403,948	(75,216)	(15.6973)
Brooklyn Park	537,340	528,129	(9,211)	(1.7142)
Buffalo	171,018	159,517	(11,501)	(6.7250)
Burnsville	612,035	640,179	28,144	4.5984
Cambridge	110,202	144,804	34,602	31.3987
Champlin	123,552	169,685	46,133	37.3389
Chanhassen	346,881	290,729	(56,152)	(16.1877
Chaska	269,762	225,660	(44,102)	(16.3485
Chisholm	92,472	107,667	15,195	16.4320
Cloquet	325,278	309,257	(16,021)	(4.9253
Columbia Heights	174,437	179,084	4,647	2.6640
Coon Rapids	441,801	406,655	(35,146)	(7.9552
Corcoran	131,367	145,718	14,351	10.9244
Cottage Grove	442,127	468,536	26,409	5.9732
Crookston	323,612	331,541	7,929	2.4502
	399,059	402,882	3,823	0.9580
Crystal	0	164,356	164,356	100.0000
Dayton Detroit Lakes	95,407	95,170	(237)	(0.2484
Duluth	1,844,472	1,901,047	56,575	3.0673
F	E40.070	564,320	21,342	3.9305
Eagan	542,978	·	21,342 5,139	2.5911
East Bethel	198,333	203,472	2,689	2.1193
East Grand Forks	126,882	129,571	(23,954)	(3.8055
Eden Prairie Edina	629,452 541,623	605,498 522,135	(23, 954) (19,488)	(3.5981
Luilla	0-1,020		• • •	·
Elk River	348,178	395,011	46,833	13.4509
Fairmont	459,924	476,120	16,196	3.5215
Falcon Heights	6,708	12,748	6,040	90.0417
Faribault	391,007	382,393	(8,614)	(2.2030
Farmington	228,191	221,040	(7,151)	(3.1338

	1997 Construction Needs	1998 Construction Needs	Increase (Decrease)	% Increase
Municipality	Apportionment	Apportionment	Amount	(Decrease)
Fergus Falls	\$339,736	\$319,000	(\$20,736)	(6.1036
Forest Lake	105,917	99,637	(6,280)	(5.9292
Fridley	212,018	190,587	(21,431)	(10.1081
Glencoe	135,832	132,479	(3,353)	(2.4685
Golden Valley	362,126	357,764	(4,362)	(1.2046
Grand Rapids	164,271	175,860	11,589	7.0548
Ham Lake	221,027	216,466	(4,561)	(2.0635
Hastings	155,883	148,560	(7,323)	(4.6978
Hermantown	118,165	116,477	(1,688)	(1.4285
Hibbing	581,584	633,453	51,869	8.9186
Hopkins	175,488	201,614	26,126	14.8876
Hugo	203,719	194,719	(9,000)	
Hutchinson	236,897	262,317	25,420	(4.4179)
International Falls	112,585	114,280	1,695	10.7304
Inver Grove Heights	393,477	304,590	(88,887)	1.5055 (22.5901)
Lake Elmo	67,941	67 105	(740)	,
Lakeville	761,214	67,195	(746)	(1.0980)
Lino Lakes	238,625	742,153	(19,061)	(2.5040)
Litchfield	128,544	315,691	77,066	32.2959
Little Canada	123,883	137,322 159,707	8,778 35,824	6.8288 28.9176
Little Falls	191,612	224 640		
Mahtomedi	48,034	231,618	40,006	20.8787
Mankato	625,325	72,403	24,369	50.7328
Maple Grove	647,001	615,319	(10,006)	(1.6001)
Maplewood	299,406	789,619 332,921	142,618 33,515	22.0429 11.1938
Marshall	146 050	040.570		
Mendota Heights	146,852	216,572	69,720	47.4764
Minneapolis	152,078	146,499	(5,579)	(3.6685)
Minnetonka	5,399,641	5,515,616	115,975	2.1478
Montevideo	655,717 93,424	646,987 100,627	(8,730) 7,203	(1.3314) 7.7100
Monticello	·		·	7.7100
Moorhead	84,233	78,615	(5,618)	(6.6696)
woornead Morris	520,450	576,398	55,948	10.7499
worns Mound	63,505	62,842	(663)	(1.0440)
	86,603	117,290	30,687	35.4341
Mounds View	133,365	120,883	(12,482)	(9.3593)
lew Brighton	189,115	184,962	(4,153)	(2.1960)
New Hope	256,784	247,795	(8,989)	(3.5006)
lew Ulm	191,778	231,092	39,314	20.4997
lorth Branch	200,086	259,918	59,832	29.9031
North Mankato	173,948	213,912	39,964	22.9747

	1997	1998		%
	Construction Needs	Construction Needs	Increase (Decrease)	/º Increase
Municipality	Apportionment	Apportionment	Amount	(Decrease)
North St. Paul	\$164,943	\$140,787	(\$24,156)	(14.6451)
Northfield	167,874	198,536	30,662	18.2649
Oak Grove	152,631	194,366	41,735	27.3437
Oakdale	254,020	249,165	(4,855)	(1.9113)
Orono	227,873	228,974	1,101	0.4832
Otsego	201,043	210,711	9,668	4.8089
Owatonna	313,312	293,592	(19,720)	(6.2940)
Plymouth	677,733	697,474	19,741	2.9128 (8.0379)
Prior Lake	241,481	222,071	(19,410) 53,943	18.3479
Ramsey	294,001	347,944	53,943	10.5479
Red Wing	436,157	434,756	(1,401)	(0.3212)
Redwood Falls	124,342	127,633	3,291	2.6467
Richfield	424,906	426,323	1,417	0.3335
Robbinsdale	135,353	142,358	7,005	5.1754 5.6897
Rochester	1,058,345	1,118,562	60,217	5.0897
Rosemount	341,192	338,468	(2,724)	(0.7984)
Roseville	439,711	462,861	23,150	5.2648
St. Anthony	79,459	91,417	11,958	15.0493
St. Cloud	847,342	883,908	36,566	4.3154
St. Louis Park	413,182	474,355	61,473	14.8053
St. Michael	201,143	218,943	17,800	8.8494
St. Paul	3,892,118	3,836,240	(55,878)	(1.4357
St. Paul Park	0	91,520	91,520	100.0000
St. Peter	164,694	187,511	22,817	13.8542
Sartell	121,953	96,172	(25,781)	(21.1401)
Sauk Rapids	116,323	134,706	18,383	15.8034
Savage	320,829	332,724	11,895	3.7076
Shakopee	272,181	251,968	(20,213)	(7.4263 43.1091
Shoreview	109,580	156,819	47,239 (19,401)	(15.2298
Shorewood	127,388	107,987	(19,401)	(13.2290
South St. Paul	155,505	168,609	13,104	8.4267
Spring Lake Park	39,212	43,883	4,671	11.9122
Stewartville	0	65,595	65,595	100.0000
Stillwater	154,130	148,758	(5,372)	(3.4854
Thief River Falls	288,418	307,560	19,142	6.6369
Vadnais Heights	48,321	48,920	599	1.2396
Virginia	175,629	197,640	22,011	12.5327
Waite Park	113,562	108,644	(4,918)	(4.3307
Waseca	83,730	82,416 156,603	(1,314)	(1.5693 6.6106
West St. Paul	146,977	156,693	9,716	0.0100
White Bear Lake	294,201	282,095	(12,106)	(4.1149
Willmar	305,412	292,185	(13,227)	(4.3309
Winona	309,934	301,743	(8,191)	(2.6428
Woodbury	845,096	850,407 424,225	5,311	0.6284
Worthington TOTAL	131,705 \$45,304,033	131,335 \$46,914,129	(370) \$1,610,096	(0.2809 3.554 0

1998 M.S.A.S. TOTAL APPORTIONMENT

		Construction		
	Population	Needs	1998 Total	Percentage
	Apportion-	Apportion-	Apportion-	of Total
Municipalities	ment	ment	ment	Distribution
Albert Lea	\$278,770	\$269,120	\$547,890	0.5839
Alexandria	127,084	198,808	325,892	0.3473
Andover	327,226	404,241	731,467	0.7796
Anoka	269,347	153,594	422,941	0.4508
Apple Valley	632,956	447,119	1,080,075	1.1511
Arden Hills	147,331	105,142	252,473	0.2691
Austin	336,162	466,256	802,418	0.8552
Bemidji	175,205	207,162	382,367	0.4075
Blaine	655,045	448,743	1,103,788	1.1764
Bloomington	1,328,876	1,930,007	3,258,883	3.4732
Brainerd	191,677	159,972	351,649	0.3748
Brooklyn Center	439,757	403,948	843,705	0.8992
Brooklyn Park	933,145	528,129	1,461,274	1.5574
Buffalo	138,746	159,517	298,263	0.3179
Burnsville	867,000	640,179	1,507,179	1.6063
Cambridge	81,536	144,804	226,340	0.2412
Champlin	302,001	169,685	471,686	0.5027
Chanhassen	246,603	290,729	537,332	0.5727
Chaska	218,759	225,660	444,419	0.4737
Chisholm	80,531	107,667	188,198	0.2006
Cloquet	169,953	309,257	479,210	0.5107
Columbia Heights	287,873	179,084	466,957	0.4977
Coon Rapids	924,102	406,655	1,330,757	1.4183
Corcoran	85,479	145,718	231,197	0.2464
Cottage Grove	441,949	468,536	910,485	0.9704
Crookston	124,101	331,541	455,642	0.4856
Crystal	362,133	402,882	765,015	0.8153
Detroit Lakes	77,000	164,356	241,356	0.2572
Dayton	111,496	95,170	206,666	0.2203
Duluth	1,301,763	1,901,047	3,202,810	3.4135
Eagan	879,254	564,320	1,443,574	1.5385
East Bethel	139,628	203,472	343,100	0.3657
East Grand Forks	137,056	129,571	266,627	0.2842
Eden Prairie	728,285	605,498	1,333,783	
Edina	715,938	522,135	1,238,073	1.4215 1.3195
Elk River	213,416	395,011	608,427	0.6484
Fairmont	172,587	476,120	648,707	0.6914
Falcon Heights	81,962	12,748	94,710	
Faribault	286,777	382,393	669,170	0.1009 0.7132
Farmington	133,509	221,040	354,549	0.7132

		Construction		
	Population	Needs	1998 Total	Percentage of Total
	Apportion-	Apportion-	Apportion-	Distribution
Municipalities	ment	ment	ment \$518,106	0.5522
Fergus Falls	\$199,106	\$319,000	200,735	0.2139
Forest Lake	101,098	99,637 190,587	621,940	0.6628
Fridley	431,353		211,579	0.2255
Glencoe	79,100	132,479 357,764	677,013	0.7215
Golden Valley	319,249	357,704	0/7,013	0.7210
Grand Rapids	127,358	175,860	303,218	0.3232
Ham Lake	167,913	216,466	384,379	0.4097
Hastings	257,579	148,560	406,139	0.4329
Hermantown	108,588	116,477	225,065	0.2399
Hibbing	274,720	633,453	908,173	0.9679
Hopkins	253,697	201,614	455,311	0.4853
Hugo	85,631	194,719	280,350	0.2988
Hutchinson	191,616	262,317	453,933	0.4838
International Falls	126,369	114,280	240,649	0.2565
Inver Grove Heights	410,741	304,590	715,331	0.7624
Lake Elmo	94,263	67,195	161,458	0.1721
Lakeville	548,071	742,153	1,290,224	1.3751
Lino Lakes	209,412	315,691	525,103	0.5596
Litchfield	93,441	137,322	230,763	0.2459
Little Canada	144,150	159,707	303,857	0.3238
Little Falls	116,413	231,618	348,031	0.3709
Mahtomedi	104,508	72,403	176,911	0.1885
Mankato	487,147	615,319	1,102,466	1.1750
Maple Grove	684,989	789,619	1,474,608	1.5716
Maplewood	517,715	332,921	850,636	0.9066
Morehall	187,978	216,572	404,550	0.4312
Marshall	165,265	146,499	311,764	0.3323
Mendota Heights	5,608,019	5,515,616	11,123,635	11.8553
Minneapolis	785,631	646,987	1,432,618	1.5269
Minnetonka Montevideo	84,094	100,627	184,721	0.1969
Martinalla	96,425	78,615	175,040	0.1866
Monticello	514,549	576,398	1,090,947	1.1627
Moorhead	86,210	62,842	149,052	0.1589
Morris	147,590	117,290	264,880	0.2823
Mound Mounds View	147,590 194,691	120,883	315,574	0.3363
	040.004	404.063	528,766	0.5635
New Brighton	343,804	184,962 247,705	520,766 580,471	0.6187
New Hope	332,676	247,795	442,407	0.4715
New Ulm	211,315	231,092	347,087	0.3699
North Branch	87,169	259,918		0.4156
North Mankato	176,073	213,912	389,985	0.4130

		Construction		
	Population Apportion-	Needs	1998 Total	Percentage
Municipalities	ment	Apportion- ment	Apportion- ment	of Total Distribution
North St. Paul	\$194,311	\$140,787	\$335,098	0.3571
Northfield	241,427	198,536	439,963	0.4689
Oak Grove	95,207	194,366	289,573	0.3086
Oakdale	378,483	249,165	627,648	0.6689
Orono	115,347	228,974	344,321	0.3670
Otsego	97,292	210,711	308,003	0.3283
Owatonna	313,251	293,592	606,843	0.6468
Plymouth	918,637	697,474	1,616,111	1.7224
Prior Lake	205,850	222,071	427,921	0.4561
Ramsey	250,135	347,944	598,079	0.6374
Red Wing	240,072	434,756	674,828	0.7192
Redwood Falls	78,613	127,633	206,246	0.2198
Richfield	543,625	426,323	969,948	1.0337
Robbinsdale	219,155	142,358	361,513	0.3853
Rochester	1,175,531	1,118,562	2,294,093	2.4450
Rosemount	186,821	338,468	525,289	0.5598
Roseville	517,807	462,861	980,668	1.0452
St. Anthony	127,876	91,417	219,293	0.2337
St. Cloud	892,788	883,908	1,776,696	1.8936
St. Louis Park	669,325	474,355	1,143,680	1.2189
St. Michael	104,660	218,943	323,603	0.3449
St. Paul	4,144,326	3,836,240	7,980,566	8.5055
St. Paul Park	76,482	91,520	168,002	0.1791
St. Peter	149,021	187,511	336,532	0.3587
Sartell	114,784	96,172	210,956	0.2248
Sauk Rapids	141,851	134,706	276,557	0.2947
Savage	230,664	332,724	563,388	0.6004
Shakopee	217,572	251,968	469,540	0.5004
Shoreview	397,603	156,819	554,422	0.5909
Shorewood	104,874	107,987	212,861	0.2269
South St. Paul	307,679	168,609	476,288	0.5076
Spring Lake Park	102,636	43,883	146,519	0.1562
Stewartville	76,604	65,595	142,199	0.1516
Stillwater	242,142	148,758	390,900	0.4166
Thief River Falls	126,125	307,560	433,685	0.4622
Vadnais Heights	196,305	48,920	245,225	0.2614
Virginia	143,571	197,640	341,211	0.2614
Waite Park	90,883	108,644	199,527	0.2127
Waseca	128,394	82,416	210,810	0.2247
West St. Paul	296,094	156,693	452,787	0.4826
White Bear Lake	396,066	282,095	678,161	0.7228
Willmar	284,037	292,185	576,222	0.7228
Winona	405,123	301,743	706,866	0.7534
Woodbury	508,855	850,407	1,359,262	1.4487
Worthington	158,491	131,335	289,826	0.3089
TOTAL	\$46,914,129	\$46,914,129	\$93,828,258	100.0000

COMPARISON OF THE 1997 TO 1998 TOTAL APPORTIONMENT

			Increase	%
	1997 Total	1998 Total	(Decrease) Amount	Increase (Decrease)
Municipality	Apportionment	Apportionment \$547,890	\$22,759	4.3340
Albert Lea	\$525,131	•	(12,485)	(3.6897)
Alexandna	338,377	325,892 734,467	11,421	1.5861
Andover	720,046	731,467	13,518	3.3017
Anoka	409,423	422,941	•	3.7092
Apple Valley	1,041,446	1,080,075	38,629	3.7092
Arden Hills	224,648	252,473	27,825	12.3860
Austin	746,387	802,418	56,031	7.5070
Bemidji	387,261	382,367	(4,894)	(1.2637)
Blaine	1,106,019	1,103,788	(2,231)	(0.2017)
Bloomington	3,008,931	3,258,883	249,952	8.3070
Brainerd	331,660	351,649	19,989	6.0270
Brooklyn Center	911,272	843,705	(67,567)	(7.4146)
Brooklyn Park	1,432,340	1,461,274	28,934	2.0201
Buffalo	290,597	298,263	7,666	2.6380
Burnsville	1,442,983	1,507,179	64,196	4.4488
Cambridge	189,856	226,340	36,484	19.2167
Champlin	410,068	471,686	61,618	15.0263
Chanhassen	574,715	537,332	(37,383)	(6.5046)
Chaska	479,182	444,419	(34,763)	(7.2547)
Chisholm	171,603	188,198	16,595	9.6706
Cloquet	492,215	479,210	(13,005)	(2.6421)
Columbia Heights	457,303	466,957	9,654	2.1111
Coon Rapids	1,339,030	1,330,757	(8,273)	(0.6178)
Corcoran	214,372	231,197	16,825	7.8485
Cottage Grove	856,868	910,485	53,617	6.2573
Crookston	445,300	455,642	10,342	2.3225
Crystal	754,893	765,015	10,122	1.3409
Dayton	0	241,356	241,356	100.0000
Detroit Lakes	204,859	206,666	1,807	0.8821
Duluth	3,125,897	3,202,810	76,913	2.4605
Eagan	1,390,844	1,443,574	52,730	3.7912
East Bethel	332,885	343,100	10,215	3.0686
East Grand Forks	261,255	266,627	5,372	2.0562
Eden Prairie	1,322,183	1,333,783	11,600	0.8773
Edina	1,242,357	1,238,073	(4,284)	(0.3448)
Elk River	546,917	608,427	61,510	11.2467
	629,554	648,707	19,153	3.0423
Fairmont		94,710	7,525	8.6311
Falcon Heights	87,185 671,136	669,170	7,323 (1,966)	(0.2929
Faribault Farmington	671,136 343,492	354,549	11,057	3.2190

				CLASS CONTROL OF THE STREET
	1997 Total	1998 Total	Increase (Decrease)	% Increase
Municipality	Apportionment	Apportionment	Amount	(Decrease)
Fergus Falls	\$532,342	\$518,106	(\$14,236)	(2.6742
Forest Lake	203,716	200,735	(2,981)	(1.4633
Fridley	635,869	621,940	(13,929)	(2.1905
Glencoe	213,557	211,579	`(1,978)	(0.9262
Golden Valley	675,822	677,013	`1,191 [′]	0.1762
Grand Rapids	286,318	303,218	16,900	5.9025
Ham Lake	374,247	384,379	10,132	2.7073
Hastings	401,084	406,139	5,055	1.2603
Hermantown	224,266	225,065	799	0.3563
Hibbing	851,526	908,173	56,647	6.6524
Hopkins	423,396	455,311	31,915	7.5379
Hugo	283,358	280,350	(3,008)	(1.0616
Hutchinson	423,954	453,933	29,979	7.0713
International Falls	236,756	240,649	3,893	1.6443
Inver Grove Heights	782,579	715,331	(67,248)	(8.5931)
Lake Elmo	159,906	161,458	1,552	0.9706
Lakeville	1,274,173	1,290,224	16,051	1.2597
Lino Lakes	434,537	525,103	90,566	20.8420
Litchfield	220,285	230,763	10,478	4.7566
Little Canada	263,551	303,857	40,306	15.2934
Little Falls	305,222	348,031	42,809	14.0255
Mahtomedi	145,908	176,911	31,003	21.2483
Mankato	1,103,655	1,102,466	(1,189)	(0.1077)
Maple Grove	1,309,859	1,474,608	164,749	12.5776
Maplewood	801,011	850,636	49,625	6.1953
Marshall	331,306	404,550	73,244	22.1077
Mendota Heights	312,987	311,764	(1,223)	(0.3908)
Minneapolis	10,910,118	11,123,635	213,517	1.9571
Minnetonka	1,417,511	1,432,618	15,107	1.0657
Montevideo	175,771	184,721	8,950	5.0919
Monticello	172,264	175,040	2,776	1.6115
Moorhead	1,024,179	1,090,947	66,768	6.5192
Morris	147,677	149,052	1,375	0.9311
Mound	230,714	264,880	34,166	14.8088
Mounds View	321,259	315,574	(5,685)	(1.7696)
New Brighton	526,251	528,766	2,515	0.4779
New Hope	583,673	580,471	(3,202)	(0.5486)
New Ulm	395,633	442,407	46,774	11.8226
North Branch	280,174	347,087	66,913	23.8827
North Mankato	343,578	389,985	46,407	13.5070

Osadonna 618,960 606,843 (12,117) (1,9576) Plymouth 1,559,689 1,616,111 56,422 3,6175 Prior Lake 437,872 427,921 (9,951) (2,2726) Ramsey 530,421 598,079 67,658 12,7555 Red Wing 671,021 674,828 3,807 0,5673 Redwood Falls 201,139 206,246 5,107 2,539 Richfield 959,076 969,948 10,872 1,1336 Robbinsdale 350,696 361,513 10,817 3,0844 Rochester 2,203,557 2,294,093 90,536 4,1086 Rosemount 516,521 525,289 8,768 1,6976 Rosemount 516,521 525,289 8,768 1,6976 Rosemount 516,521 525,289 8,768 1,6976 Rosemount 516,521 525,289 8,768 1,6975 St. Cloud 1,776,696 33,234 3,5078 St. Cloud				Increase	%
North St. Paul		1997 Total	1998 Total	STANDA (TANDATATAN) KABASA GANTAN PARADA WATASA KATANDA KA	Increase
North St. Paul	Municipality		Apportionment		
Oak Grove 243,833 289,673 45,740 18,758 Oakdale 610,557 627,648 17,091 2,7992 Orono 39,703 344,921 4,618 1,3594 Orono 618,960 606,843 (12,117) (1.9576 60 606,843 (1.9576 60 606,843 (1.9576		\$356,607			
Oakdale 610,557 627,648 17,091 2,7992 Orono 339,703 344,321 4,618 1.3594 Orono 339,703 344,321 4,618 1.3594 Orono 339,703 344,321 4,618 1.3594 Otsego 295,028 308,003 12,975 4.3975 Owatonna 618,960 606,643 (12,117) (1.9576 Plymouth 1.559,689 1,616,111 56,422 3,6178 Plymouth 437,872 427,921 (9,951) (2,2726 Ramsey 530,421 598,079 67,658 12,7555 Red Wing 671,021 674,828 3,807 0,5578 Redwood Falis 201,139 206,246 5,107 2,5396 Richfield 959,076 969,948 10,872 1,1396 Robbinsdale 350,696 361,513 10,817 3,0844 Rosemount 516,521 525,289 8,768 1,6977 Rosewile 947,434 980,668 32,334 3,5078 St. Anthony 204,542 219,293 14,751 7,211 St. Cloud 1,723,405 1,776,696 53,291 3,0922 St. Louis Park 1,068,172 1,143,680 75,508 7,0686 St. Paul 7,964,360 7,980,566 16,206 2033 St. Paul 9rak 0 168,002 160,002 100,000 St. Paul Park 0 188,002 160,002 100,000 St. Paul Park 1,761,7696 53,291 7,398 St. Paul 7,964,360 7,980,566 16,206 2033 St. Paul Park 0 188,002 160,002 100,000 St. Paul Park 1,964,360 7,980,566 16,206 2033 St. Paul Park 1,964,360 7,980,566 16,206 2033 St. Paul Park 0 188,002 160,002 100,000 St. Paul Park 1,964,360 7,980,566 16,206 2033 St. Paul Park 1,964,360 7,980,566 16,206 2033 St. Paul Park 0 168,002 160,002 100,000 St. Paul Park 1,964,360 7,980,566 16,206 2033 St. Paul Park 1,984,360 53,388 26,498 4,955 Shoreview 499,235 554,422 55,187 11,044 Sauk Rapids 254,181 276,557 22,376 8,803 Savage 536,890 563,388 26,498 4,955 Shoreview 499,235 554,422 55,187 11,045 Shoreview 499,23	Northfield	402,230	•	•	
Orono 339,703 344,321 4,618 1.3594 Otsego 295,028 308,003 12,975 4.3979 Owatonna 618,960 606,843 112,117) (1.9576 Plymouth 1.559,689 1.616,111 56,422 3.6177 Prior Lake 437,872 427,921 (9,951) (2.2726 Ramsey 530,421 598,079 67,658 12,7556 Red Wing 671,021 674,828 3,807 0.56573 Red Wing 201,139 206,246 5,107 2.5390 Richfield 959,076 969,948 10,872 1.1336 Robbinsdale 350,696 361,513 10,817 3.0844 Rochester 2,203,557 2,294,093 90,536 4.1086 Rosemount 516,521 525,289 8,768 1.6976 Rosewille 947,434 980,668 33,234 37,761,771,771,772,773 St. Cloud 1,723,405 1,776,696 53,291 3.0922 St. Louis Park 1,068,172 1,143,680 75,508 St. Michael 299,256 323,603 24,347 8.1356 St. Paul 7,994,360 7,980,566 16,206 0.2033 St. Paul 8,002 168,002 100,000 St. Paul 7,784,481 276,557 22,376 8.803,582 St. Pater 311,781 336,532 24,751 7,938 St. Peter 311,781 365,532 24,751 7,938 Savage 536,890 563,388 26,499 (7.3148) Sauk Rapids 254,181 276,557 22,376 8.803,582 Savage 536,890 563,388 26,499 (7.3148) Sauk Rapids 254,181 276,557 22,376 8.803,582 Savage 536,890 563,388 26,499 (7.3148) Sauk Rapids 254,181 276,557 22,376 8.803,582 Savage 536,890 563,388 26,499 (7.3148) Sauk Rapids 254,181 276,557 22,376 8.803,582 Savage 536,890 563,388 26,499 (7.3148) Sauk Rapids 254,181 276,557 22,376 8.803,582 Savage 536,890 563,388 26,499 (7.3148) Sauk Rapids 254,181 276,557 22,376 8.803,582 Savage 536,890 563,388 26,499 (7.3148) Sauk Rapids 254,181 276,557 22,376 8.803,582 Savage 536,890 563,388 26,499 (7.3148) Sauk Rapids 254,181 276,557 22,376 8.803,582 Savage 536,890 563,388 26,499 (7.3148) Sauk Rapids 254,181 276,557 22,376 8.803,582 Savage 536,890 563,388 26,499 (7.3148) Sauk Rapids 254,181 276,557 22,376 8.803,590 (7.3148) Sauk Rapids 264,991 77,391 499,590 (7.3148) Sauk Rapids 264,991 79,990 79,90	Oak Grove			•	
Otsego	Oakdale	•	· · · · · · · · · · · · · · · · · · ·		L L
Owatonna 618,960 606,843 (12,117) (1,9576 Plymouth 1,559,689 1,616,111 56,422 3,6177 Plymouth 1,559,689 1,616,111 56,422 3,6177 Plymouth 1,559,689 1,616,111 56,422 3,6177 Plymouth 2,598,079 67,658 12,755 Red Wing 671,021 674,828 3,807 0,5673 Redwood Falls 201,139 206,246 5,107 2,539 Redwood Falls 201,139 206,246 5,107 2,539 Robbinsdale 350,696 361,513 10,817 3,0847 Rochester 2,203,557 2,294,093 90,536 4,1086 Rosemount 516,521 525,289 8,768 1,6976 Rosemount 516,521 525,289 8,768 1,6976 Rosewille 947,434 980,668 33,234 3,5078 St. Anthony 204,542 219,293 14,751 7,2117 St. Cloud 1,723,405 1,776,696 53,291 St. Louis Park 1,068,172 1,143,680 75,508 7,0685 St. Paul 7,964,360 7,960,566 16,206 St. Paul Park 0 168,002 168,002 100,0000 St. Peter 311,781 336,532 24,751 7,936 St. Paul Park 0 168,002 168,002 100,0000 St. Peter 311,781 336,532 24,751 7,936 Savage 536,890 553,388 26,488 4,935 Shakopee 477,891 499,540 (8,351) (1,747 Shorewood 229,016 212,861 (16,649) (7,3144 Spring Lake Park 139,689 146,519 6,830 4,889 Shakopee 477,891 499,540 (8,351) (1,747 Shorewood 229,016 212,861 (16,155) (7,054 South St. Paul 458,491 476,288 17,797 3,881 Spring Lake Park 139,689 146,519 6,830 4,889 Stewartville 0 142,199 142,199 142,199 100,0000 Stillwater 389,563 390,900 1,337 0,343 Thief River Falls 408,879 433,685 24,806 6,066 Walthile Park 202,447 199,527 (2,620) (1,296 West St. Paul 437,487 452,787 15,300 3,497 Waseca 209,157 210,810 1,653 0,798 Walte Park 202,147 199,527 (2,620) (1,296 West St. Paul 437,487 452,787 15,300 3,497 White Bear Lake 680,865 678,161 (2,704) (0,397 Willmar 708,176 708,866 (1,310) (0,135	Orono	339,703	344,321	4,618	1.3594
Piymouth	Otsego	•	-		4.3979
Prior Lake 437,872 427,921 (9.951) (2.2726 Ramsey 530,421 598,079 67,658 12.7556 Ramsey 530,421 598,079 67,658 12.7556 12.7556		•			
Ramsey 530,421 598,079 67,658 12.7555 Red Wing 671,021 674,828 3,807 0.5673 Redwood Falls 201,139 206,246 5,107 2.5399 Richfield 959,076 969,948 10,872 1.1336 Robbinsdale 350,696 361,513 10,817 3.0844 Rochester 2,203,557 2,294,093 90,536 4.1086 Rosemount 516,521 525,289 8,768 3.99,536 4.1086 Rosewille 947,434 980,668 33,234 3.5076 St. Anthony 204,542 219,293 14,751 7.2117 St. Cloud 1,723,405 1,776,696 53,291 3.0922 St. Louis Park 1,068,172 1,143,680 75,508 7.0685 St. Michael 299,256 323,603 24,347 8,1356 St. Paul 7,964,360 7,980,566 16,206 0.2035 St. Paul Park 0 168,002 168,002 100,0000 St. Paul Park 0 168,002 168,002 17,7345 Sartell 227,605 210,956 (16,649) (7,3145 Sauk Rapids 254,181 276,557 22,376 8,803 Savage 536,890 563,388 26,498 4,9355 Sarkell 227,605 210,956 (16,649) (7,3145 Shorewood 229,016 212,861 (16,155) (7,054 Spring Lake Park 139,689 146,519 6,830 4,889 Stewartville 0 142,199 142,199 100,000 Stillwater 389,563 399,900 1,337 7,084 Spring Lake Park 202,147 199,527 (2,620) (1,296 Waseca 209,157 210,810 1,653 0,790 Waite Park 202,147 199,527 (2,620) (1,296 Waseca 209,157 210,810 1,653 0,790 Waseca 209,157 210,810 1,653 0,790 White Bear Lake 680,865 678,161 (2,704) (0,397 Willmar 584,957 576,222 (8,735) (1,493 Willmar 584,957 576,222 (8,735) (1,493		• •			
Red Wing 671,021 674,828 3,807 0.5673 Redwood Falls 201,139 206,246 5,107 2.5390 Richfield 959,076 969,948 10,872 1.1336 Robbinsdale 350,696 361,513 10,817 3.0844 Rochester 2,203,557 2,294,093 90,536 4.1086 Rosemount 516,521 525,289 8,768 1.6975 1.736		<u> </u>	•	•	
Redwood Falls	Ramsey	530,421	598,079	67,050	12.7 333
Richfield 959,076 969,948 10,872 1.1336 Robbinsdale 350,696 361,513 10,817 3.0844 Rochester 2,203,557 2,294,093 90,536 4.1086 Rosemount 516,521 525,289 8,768 1.6975 Rosewille 947,434 980,668 33,234 3.5076 St. Anthony 204,542 219,293 14,751 7.2117 St. Cloud 1,723,405 1,776,696 53,291 3.0922 St. Louis Park 1,068,172 1.143,680 75,508 7.0685 St. Paul 7,964,360 7,980,566 16,206 0.2035 St. Paul Park 0 168,002 168,002 100,0000 St. Paul Park 0 168,002 168,002 100,000 St. Paul Park 139,689 146,519 6,830 4,889 St. Paul Park 139,689 146,519 6,830 4,889 St. Paul Park 139,689 146,519 6,830 4,889 St. Paul Park 139,689 146,519 168,000 1,337 0,343 Thief River Falls 408,879 433,685 24,806 6,066 1,066	1	•	•		0.5673
Robbinsdale 350,696 361,513 10,817 3.0844 Rochester 2,203,557 2,294,093 90,536 4.1086 Rosemount 516,521 525,289 8,768 1.6976 Rosewille 947,434 980,668 33,234 3.5076 St. Anthony 204,542 219,293 14,751 7.2117 St. Cloud 1,723,405 1,776,696 53,291 3.0922 St. Louis Park 1,068,172 1,143,680 75,508 7.0686 St. Paul 7,964,360 7,980,566 16,206 0.2035 St. Paul Park 0 168,002 168,002 100,0000 St. Paul Park 0 168,002 168,002 168,002 100,0000 St. Paul Park 0 168,002 17,038 Sartell 227,605 210,956 (16,649) (7.3145 Sauk Rapids 254,181 276,557 22,376 8,803 Savage 536,890 563,388 26,498 4,9355 Savage 536,890 563,389 30,900 1,337 0,3435 Savage 536,890 563,389 30,900 1,337 0,3435 Savage 536,890 563,389 30,900 1,337 0,3435 Savage 536,890 563,38		•	•		
Rochester 2,203,557 2,294,093 90,536 4.1086 Rosemount 516,521 525,289 8,768 1.6975 Roseville 947,434 980,688 33,234 3.5076 St. Anthony 204,542 219,293 14,751 7.2117 St. Cloud 1,723,405 1,776,696 53,291 3.0925 St. Louis Park 1,068,172 1,143,680 75,508 7.0685 St. Michael 299,256 323,603 24,347 8.1356 St. Paul 7,964,360 7,980,566 16,206 0.203 St. Paul Park 0 168,002 100,000 168,002 100,000 St. Peter 311,781 336,532 24,751 7.9386 Sartell 227,605 210,956 (16,649) (7.3145 Sauk Rapids 254,181 276,557 22,376 8.803 Sayage 536,890 563,388 26,498 4,935 Shorewood 229,016 212,861 (16,6155) (7.054 Shorewee 477,891 469,540 (8,351)		•	•		
Rosemount 516,521 525,289 8,768 1.6975 Roseville 947,434 980,668 33,234 3.5076 St. Anthony 204,542 219,293 14,751 7.2117 St. Cloud 1,723,405 1,776,696 53,291 3.0922 St. Louis Park 1,068,172 1,143,680 75,508 7.0685 St. Paul 2,99,256 323,603 24,347 8.1355 St. Paul 7,964,360 7,980,566 16,206 0.2035 St. Paul Park 0 168,002 168,002 100,0000 St. Paul Park 0 168,002 168,002 100,0000 St. Paul Park 0 168,002 166,649 (7.3144) Sartell 227,605 210,956 (16,649) (7.3144) Sauk Rapids 254,181 276,557 22,376 8.8032 Savage 536,890 563,388 26,498 4.9355 Shakope 477,891 469,540 (8,351) (1,7475 Shoreview 499,235 554,422 55,187 11.0545 Shorewood 229,016 212,861 (16,155) (7.0545 Shoreward) 408,879 433,685 24,806 6.0666 (1,310) Maister Albert River Falls 408,879 433,685 24,806 6.0666 (1,310) Maister Albert River Falls 408,879 433,685 24,806 6.0666 (1,310) Milmar 584,957 576,222 (8,735) (1,937 Milmar 584,957 576,222 (8,735) (1,937 Milmar 584,957 576,222 (8,735) (1,937 Milmar 584,957 576,222 (8,735) (1,938 Milmar 1,312,672 1,355,262 46,550 3.549		•			
Roseville 947,434 980,668 33,234 3.5076 St. Anthony 204,542 219,293 14,751 7.2117 St. Cloud 1,723,405 1,776,696 53,291 3.0922 St. Louis Park 1,068,172 1,143,680 75,508 7.0686 St. Michael 299,256 323,603 24,347 8.1356 St. Paul 7,964,360 7,980,566 16,206 0.2036 St. Paul Park 0 168,002 168,002 100,0006 St. Paul Park 0 168,002 168,002 100,0006 St. Paul Park 0 168,002 168,002 100,0006 St. Paul Park 227,605 210,956 (16,649) (7.3145 Sartell 227,505 210,956 (16,649) (7.3145 Sauk Rapids 254,181 276,557 22,376 8.803; Savage 536,890 563,388 26,498 4.9355 Savage 536,890 563,388 26,498 4.9355 Sakopee 477,891 469,540 (8,351) (1,7475 Shorewood 229,016 212,861 (16,155) (7.0545 Shorewood 229,016 212,861 (16,155) (7.05455) South St. Paul 458,491 476,288 17,797 3.8816 Spring Lake Park 139,689 146,519 6,830 4.8896 Stewartville 0 142,199 142,199 100,0000 Stillwater 389,563 390,900 1,337 0.3437 Thief River Falls 408,879 433,685 24,806 6.0666 Vadnais Heights 232,939 245,225 12,286 5.274 Winginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1,296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 West St. Paul 476,487 766,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,550 3.549	Rochester	2,203,557	2,294,093	90,536	4.1000
Roseville 947,434 980,668 33,234 3.5076 St. Anthony 204,542 219,293 114,751 7.2117 St. Cloud 1,723,405 1,776,696 53,291 3.0922 St. Louis Park 1,068,172 1,143,680 75,508 7.0685 St. Louis Park 1,068,172 1,143,680 75,508 7.0685 St. Louis Park 1,068,172 1,143,680 75,508 7.0685 St. Paul 7,964,360 7,980,566 16,206 0.2035 St. Paul Park 0 168,002 168,002 100,000 St. Paul Park 311,781 336,532 24,751 7.9385 Sartell 227,605 210,956 (16,649) (7.3145 Savage 536,890 563,388 26,498 4.9355 Shakopee 477,891 469,540 (8,351) (1,7475 Shoreview 499,235 554,422 55,187 11.0545 Shorewood 229,016 212,861 (16,155) (7.0545 Shorewood 229,016 212,861 (16,155) (7.0545 Shorewood 229,016 212,861 (16,155) (7.0545 Shoreward) Stewartville 0 142,199 142,199 100,000 Stillwater 389,563 390,900 1,337 0.3435 Stewartville 0 142,199 142,199 100,000 Stillwater 389,563 390,900 1,337 0.3435 Thief River Falls 408,879 433,685 24,806 6.0666 Valuate Park 202,147 199,527 (2,620) (1,296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497, White Bear Lake 680,865 678,161 (2,704) (0.397 West St. Paul 437,487 452,787 15,300 3.497, White Bear Lake 680,865 678,161 (2,704) (0.397 White Bear Lake 680,865 678,161	Rosemount	516 521	525,289	8,768	1.6975
St. Anthony 204,542 219,293 14,751 7.211 St. Cloud 1,723,405 1,776,696 53,291 3.0922 St. Louis Park 1,068,172 1,143,680 75,508 7.0685 St. Michael 299,256 323,603 24,347 8.1356 St. Paul 7,964,360 7,980,566 168,002 100.000 St. Paul Park 0 168,002 168,002 100.000 St. Peter 311,781 336,532 24,751 7.9386 Sartell 227,605 210,956 (16,649) (7.3145 Sauk Rapids 254,181 276,557 22,376 8.803 Savage 536,890 563,388 26,498 4.9355 Shakopee 477,891 469,540 (8,351) (1,747 Shorewood 229,016 212,861 (16,155) (7.054 South St. Paul 458,491 476,288 17,797 3.841 Spring Lake Park 139,689 146,519 6,830 4.889 <td></td> <td></td> <td>The state of the s</td> <td>33,234</td> <td>3.5078</td>			The state of the s	33,234	3.5078
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St. Louis Park 1,068,172 1,143,680 75,508 7.0686 St. Michael 299,256 323,603 24,347 8.1356 St. Paul 7,964,360 7,980,566 16,206 0.2035 St. Paul Park 0 168,002 168,002 100,000 St. Peter 311,781 336,532 24,751 7,9386 Sartell 227,605 210,956 (16,649) (7.3145 Sauk Rapids 254,181 276,557 22,376 8.803 Savage 536,890 563,388 26,498 4,935 Shakopee 477,891 469,540 (8,351) (1,7475 Shoreview 499,235 554,422 55,187 11,054 Shorewood 229,016 212,861 (16,155) (7.054 South St. Paul 458,491 476,288 17,797 3.8816 Stewarville 0 142,199 142,199 100,000 Stillwater 389,563 390,900 1,337 0.343	•	•	•		3.0922
St. Paul 7,964,360 7,980,566 16,206 0.2035 St. Paul Park 0 168,002 188,002 100.0006 St. Paul Park 311,781 336,532 24,751 7,938 Sartell 227,605 210,956 (16,649) (7.3145 Sauk Rapids 254,181 276,557 22,376 8.803 Savage 536,890 563,388 26,498 4.9355 Shakopee 477,891 469,540 (8,351) (1.7475 Shoreview 499,235 554,422 55,187 11.0545 Shorewood 229,016 212,861 (16,155) (7.05466) South St. Paul 458,491 476,288 17,797 3.8816 Spring Lake Park 139,689 146,519 6,830 4.8896 Stewartville 0 142,199 142,199 100.000 Stillwater 389,563 390,900 1,337 0.3437 Thief River Falls 408,879 433,685 24,806 6.0667 Vadnais Heights 232,939 245,225 12,286 5.2746 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.7900 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1,493 Willmar 584,957 576,222 (8,735) (1,493 Willmar 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,550 3.549		* *	• •	75,508	7.0689
St. Paul 7,964,360 7,980,566 16,206 0.2036 St. Paul Park 0 168,002 168,002 100.0006 St. Peter 311,781 336,532 24,751 7.938 Sartell 227,605 210,956 (16,649) (7.314 Sauk Rapids 254,181 276,557 22,376 8.803 Savage 536,890 563,388 26,498 4.935 Shakopee 477,891 469,540 (8,351) (1.747 Shorewiew 499,235 554,422 55,187 11.054 Shorewood 229,016 212,861 (16,155) (7.054 South St. Paul 458,491 476,288 17,797 3.8816 Spring Lake Park 139,689 146,519 6,830 4.889 Stewartville 0 142,199 142,199 100.000 Stillwater 389,563 390,900 1,337 0.343 Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274	St Michael	299.256	323,603	24,347	8.1358
St. Paul Park 0 168,002 168,002 100,0000 St. Peter 311,781 336,532 24,751 7,936 Sartell 227,605 210,956 (16,649) (7.3145 Sauk Rapids 254,181 276,557 22,376 8.803 Savage 536,890 563,388 26,498 4.935 Shakopee 477,891 469,540 (8,351) (1.747* Shoreview 499,235 554,422 55,187 11.054* Shorewood 229,016 212,861 (16,155) (7.054* South St. Paul 458,491 476,288 17,797 3.8816 Spring Lake Park 139,689 146,519 6,830 4.889 Stewartville 0 142,199 100,000 Stillwater 389,563 390,900 1,337 0,343* Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274* Virgini	18	•	•		0.2035
St. Peter 311,781 336,532 24,751 7,9386 Sartell 227,605 210,956 (16,649) (7,3146) Sauk Rapids 254,181 276,557 22,376 8.803 Savage 536,890 563,388 26,498 4.9351 Shakopee 477,891 469,540 (8,351) (1.7475) Shoreview 499,235 554,422 55,187 11.0545 Shorewood 229,016 212,861 (16,155) (7.054 South St. Paul 458,491 476,288 17,797 3.8816 Spring Lake Park 139,689 146,519 6,830 4.8896 Stewartville 0 142,199 142,199 100.000 Stillwater 389,563 390,900 1,337 0.343 Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td>• •</td> <td>168,002</td> <td>100.0000</td>		· · · · · · · · · · · · · · · · · · ·	• •	168,002	100.0000
Sartell 227,605 210,956 (16,649) (7.3145) Sauk Rapids 254,181 276,557 22,376 8.803 Savage 536,890 563,388 26,498 4.935 Shakopee 477,891 469,540 (8,351) (1.7475 Shoreview 499,235 554,422 55,187 11.0543 Shorewood 229,016 212,861 (16,155) (7.0543) South St. Paul 458,491 476,288 17,797 3.8816 Spring Lake Park 139,689 146,519 6,830 4.889 Stewartville 0 142,199 142,199 100.000 Stillwater 389,563 390,900 1,337 0.343 Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Wasca 209,157 210,810 1,653 0.790 <		311,781		24,751	7.9386
Savage 536,890 563,388 26,498 4.9355 Shakopee 477,891 469,540 (8,351) (1.7475 Shoreview 499,235 554,422 55,187 11.0545 Shorewood 229,016 212,861 (16,155) (7.0545) South St. Paul 458,491 476,288 17,797 3.8816 Spring Lake Park 139,689 146,519 6,830 4.8896 Stewartville 0 142,199 142,199 100,000 Stillwater 389,563 390,900 1,337 0.3432 Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 <		•	210,956	(16,649)	(7.3149)
Savage 536,890 563,388 26,498 4.9355 Shakopee 477,891 469,540 (8,351) (1.7475) Shoreview 499,235 554,422 55,187 11.0545 Shorewood 229,016 212,861 (16,155) (7.0545) South St. Paul 458,491 476,288 17,797 3.8816 Spring Lake Park 139,689 146,519 6,830 4.8895 Stewartville 0 142,199 142,199 100.0000 Stillwater 389,563 390,900 1,337 0.3437 Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497	Sauk Rapids	254,181	276,557	22,376	8.8032
Shakopee 477,891 469,540 (8,351) (1.7475) Shoreview 499,235 554,422 55,187 11.0545 Shorewood 229,016 212,861 (16,155) (7.0546) South St. Paul 458,491 476,288 17,797 3.8816 Spring Lake Park 139,689 146,519 6,830 4.8896 Stewartville 0 142,199 142,199 100.000 Stillwater 389,563 390,900 1,337 0.3437 Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Wasca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 <	•	•	563,388	26,498	4.9355
Shoreview 499,235 554,422 55,187 11.054: Shorewood 229,016 212,861 (16,155) (7.054) South St. Paul 458,491 476,288 17,797 3.8816 Spring Lake Park 139,689 146,519 6,830 4.8896 Stewartville 0 142,199 142,199 100.000 Stillwater 389,563 390,900 1,337 0.343 Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1.493 Winona 708,176 706,866 (1,310) (0.185 <td>_</td> <td></td> <td>469,540</td> <td>(8,351)</td> <td>(1.7475)</td>	_		469,540	(8,351)	(1.7475)
Shorewood 229,016 212,861 (16,155) (7.054) South St. Paul 458,491 476,288 17,797 3.8816 Spring Lake Park 139,689 146,519 6,830 4.889 Stewartville 0 142,199 142,199 100.000 Stillwater 389,563 390,900 1,337 0.343 Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1.493 Winona 706,866 (1,310) (0.185 Woodbur				55,187	11.0543
Spring Lake Park 139,689 146,519 6,830 4.8896 Stewartville 0 142,199 142,199 100.0006 Stillwater 389,563 390,900 1,337 0.3433 Thief River Falls 408,879 433,685 24,806 6.0666 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.7900 West St. Paul 437,487 452,787 15,300 3.4970 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1.493 Wiona 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,590 3.549			212,861	(16,155)	(7.0541)
Spring Lake Park 139,689 146,519 6,830 4.889-689 Stewartville 0 142,199 142,199 100.000 Stillwater 389,563 390,900 1,337 0.343 Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1.493 Wiona 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,590 3.549	South St. Paul	458,491	476,288	17,797	3.8816
Stewartville 0 142,199 142,199 100.000 Stillwater 389,563 390,900 1,337 0.343 Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1.493 Winona 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,590 3.549		139,689	146,519	6,830	4.8894
Stillwater 389,563 390,900 1,337 0.3433 Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1.493 Winona 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,590 3.549	•	0	142,199	142,199	100.0000
Thief River Falls 408,879 433,685 24,806 6.066 Vadnais Heights 232,939 245,225 12,286 5.274 Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1.493 Winona 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,590 3.549	l l	389,563	390,900	•	0.3432
Variations (Value of Section 1) 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1.493 Winona 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,590 3.549		408,879	433,685	24,806	6.0668
Virginia 316,703 341,211 24,508 7.738 Waite Park 202,147 199,527 (2,620) (1.296 Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1.493 Winona 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,590 3.549	Vadnais Heights	232,939	245,225		5.2743
Waite Park 202,147 199,527 (2,620) (1.296) Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397) Willmar 584,957 576,222 (8,735) (1.493) Winona 708,176 706,866 (1,310) (0.185) Woodbury 1,312,672 1,359,262 46,590 3.549	•	The state of the s			7.7385
Waseca 209,157 210,810 1,653 0.790 West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1.493 Winona 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,590 3.549	. •				(1.2961)
West St. Paul 437,487 452,787 15,300 3.497 White Bear Lake 680,865 678,161 (2,704) (0.397 Willmar 584,957 576,222 (8,735) (1.493 Winona 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,590 3.549	1	•	210,810		0.7903
Wille Boar Earlow 584,957 576,222 (8,735) (1.493) Winona 708,176 706,866 (1,310) (0.185) Woodbury 1,312,672 1,359,262 46,590 3.549		•	452,787	15,300	3.4972
Willmar 584,957 576,222 (8,735) (1.493 Winona 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,590 3.549	White Bear Lake	680,865	678,161	•	(0.3971)
Winona 708,176 706,866 (1,310) (0.185 Woodbury 1,312,672 1,359,262 46,590 3.549	· ·	584,957	•	• • •	(1.4933
Woodbury 1,312,672 1,359,262 46,590 3.549	l l	·	706,866	• • •	(0.1850)
1000			1,359,262		3.5492
	Worthington		289,826	4,645	1.6288
		\$90,608.066	\$93,828,258	\$3,220,192	3.5540

1998 CONSTRUCTION AND MAINTENANCE ALLOTMENTS

Upon determining that \$93,828,258 is available to the Municipal State Aid Street Fund the following allotments are made in accordance with the Rules and Regulations for the State Aid Operation. Maintenance allotment without a notation is the minimum amount allocated at \$1500 per improved mile. General maintenance percentage requested was applied to the result of the total apportionment minus turnback maintenance allowance. Bond interest due was added to the city's minimum maintenance allocation unless a resolution was obtained by State Aid to use local funds for the interest. Principal payments due on bonds in 1998 are included in the construction allotments.

MUNICIPALITY	TOTAL APPORTION- MENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE	CONSTRUCTION
Albert Lea	\$547,890			\$136,973	ALLOCATION	ALLOCATION
Alexandria	325,892			81,473	\$136,973 *	\$410,917
Andover	731,467		\$1,700	219,440	81,473 *	244,419
Anoka	422,941		Ψ1,700	105,735	221,140 ***	510,327
Apple Valley	1,080,075		98,160	38,925	105,735 * 137,085 ###	317,206 942,990
Arden Hills Austin	252,473			63,118	63,118 *	189,355
Bemidji	802,418			40,245	40,245	762,173
Blaine	382,367			95,592	95,592 *	286,775
	1,103,788			275,947	275,947 *	827,841
Bloomington	3,258,883			1,140,609	1,140,609 **	2,118,274
Brainerd	351,649			87,912	87,912 *	263,737
Brooklyn Center	843,705		128,478	90,000	218,478 #	625,227
Brooklyn Park	1,461,274	\$21,168		360,027	381,195 *	1,080,079
Buffalo	298,263			12,330	12,330	285,933
Burnsville	1,507,179			376,795	376,795 *	1,130,384
Cambridge	226,340	15,480	33,680	25,000	74,160 #	152 100
Champlin	471,686		,	117,922	117,922 *	152,180
Chanhassen	537,332			24,780	24,780	353,764 512,552
Chaska	444,419			111,105	111,105 *	512,552
Chisholm	188,198	1,944		46,564	48,508 *	333,314 139,690

		TRUNK	AMOUNT OF			
	TOTAL	HIGHWAY TURNBACK	BOND INTEREST	GENERAL	TOTAL	
	The second of th	MAINTENANCE	APPLIED TO	MAINTENANCE	MAINTENANCE	CONSTRUCTION
MUNICIPALITY	MENT		MAINTENANCE	ALLOCATION	ALLOCATION	ALLOCATION
Cloquet	\$479,210	\$4,752	\$21,760	\$144,300	\$170,812 **	\$308,398
Columbia Heights	466,957	,	,	163,435	163,435 **	303,522
Coon Rapids	1,330,757			53,835	53,835	1,276,922
Corcoran	231,197			80,919	80,919 **	150,278
Cottage Grove	910,485			40,140	40,140	870,345
Crookston	455,642			50,000	50,000 #	405,642
Crystal	765,015			191,254	191,254 *	573,761
Dayton	241,356			12,975	12,975	228,381
Detroit Lakes	206,666			14,310	14,310	192,356
Duluth	3,202,810	118,080		925,419	1,043,499 ***	2,159,311
Eagan Eagan	1,443,574		25,298	65,295	90,593 ###	1,352,981
East Bethel	343,100		,	85,775	85,775 *	257,325
East Grand Forks	266,627			66,657	66,657 *	199,970
Eden Prairie	1,333,783		19,170	109,595	128,765 #	1,205,018
Edina	1,238,073			309,518	309,518 *	928,555
Elk River	608,427		13,723	29,340	43,063 ###	565,364
Fairmont	648,707		·	27,825	27,825	620,882
Falcon Heights	94,710			33,149	33,149 **	61,561
Faribault	669,170		•	167,293	167,293 *	501,877
Farmington	354,549			88,637	88,637 *	265,912
Fergus Falls	518,106	37,944		120,041	157,985 *	360,121
Forest Lake	200,735	•		50,184	50,184 *	150,551
Fridley	621,940			186,582	186,582 ***	435,358
Glencoe	211,579			9,255	9,255	202,324
Golden Valley	677,013			169,253	169,253 *	507,760
Grand Rapids	303,218			75,805	75,805 *	227,413
Ham Lake	384,379		16,078	33,300	49,378 ###	335,001
Hastings	406,139		·	101,535	101,535 *	304,604
Hermantown	225,065			40,000	40,000 #	185,065
Hibbing	908,173	2,016		226,539	228,555 *	679,618

	TOTAL APPORTION-	TRUNK HIGHWAY TURNBACK MAINTENANCE	AMOUNT OF BOND INTEREST APPLIED TO	GENERAL MAINTENANCE	TOTAL MAINTENANCE	CONSTRUCTION
MUNICIPALITY	MENT	ALLOWANCE	MAINTENANCE	ALLOCATION	ALLOCATION	ALLOCATION
Hopkins	\$455,311			\$14,010	\$14,010	\$441,301
Hugo	280,350			70,088	70,088 *	210,262
Hutchinson	453,933			20,970	20,970	432,963
International Falls	240,649			12,090	12,090	228,559
Inver Grove Heights	715,331			178,833	178,833 *	536,498
Lake Elmo	161,458			14,295	14,295	147,163
Lakeville	1,290,224			59,040	59,040	1,231,184
Lino Lakes	525,103	\$2,016		130,772	132,788 *	392,315
Litchfield	230,763			57,691	57,691 *	173,072
Little Canada	303,857		\$4,490	75,964	80,454 ##	223,403
Little Falls	348,031			20,985	20,985	327,046
Mahtomedi	176,911			9,780	9,780	167,131
Mankato	1,102,466			275,617	275,617 *	826,849
Maple Grove	1,474,608		132,020	236,632	368,652 ####	1,105,956
Maplewood	850,636		,	212,659	212,659 *	637,977
Marshall	404,550			20,580	20,580	383,970
Mendota Heights	311,764			77,941	77,941 *	233,823
Minneapolis	11,123,635			3,893,272	3,893,272 **	7,230,363
Minnetonka	1,432,618			69,825	69,825	1,362,793
Montevideo	184,721			12,120	12,120	172,601
Monticello	175,040			43,760	43,760 *	131,280
Moorhead	1,090,947			156,012	156,012 #	•
Morris	149,052			37,263	37,263 *	934,935 111,789
Mound	264,880			66,220	66,220 *	-
Mounds View	315,574			78,894	78,894 *	198,660 236,680
New Brighton	528,766			132,192	132,192 *	396,574
New Hope	580,471			203,165	203,165 **	377,306
New Ulm	442,407			21,240	21,240	421,167
North Branch	347,087			86,772	86,772 *	260,315
North Mankato	389,985			29,249	29,249 #	360,736

		TRUNK	AMOUNT OF			
	TOTAL	HIGHWAY	BOND	GENERAL	TOTAL	
	TOTAL	TURNBACK MAINTENANCE	INTEREST APPLIED TO	MAINTENANCE	MAINTENANCE	CONSTRUCTION
MUNICIPALITY	MENT	รู้จัดที่ พระบาทรักที่เป็นที่เกิดเรียกรัฐเรียก เรียกสู่สุดเหติการเหติเรียกรับสิดที่ ที่กับรับสามารถกับรับสิ่ง	MAINTENANCE	ALLOCATION	ALLOCATION	ALLOCATION
North St. Paul	\$335,098			\$83,775	\$83,775 *	\$251,323
Northfield	439,963			109,991	109,991 *	329,972
Oak Grove	289,573			23,835	23,835	265,738
Oakdale	627,648		\$32,031	124,881	156,912 ####	470,736
Orono	344,321		,	86,080	86,080 *	258,241
Otsego	308,003			77,001	77,001 *	231,002
Owatonna	606,843			26,265	26,265	580,578
Plymouth	1,616,111			63,480	63,480	1,552,631
Prior Lake	427,921			106,980	106,980 *	320,941
Ramsey	598,079			80,000	80,000 #	518,079
Red Wing	674,828			236,190	236,190 **	438,638
Redwood Falls	206,246		21,794	51,562	73,356 ##	132,890
Richfield	969,948		,	242,487	242,487 *	727,461
Robbinsdale	361,513			15,435	15,435	346,078
Rochester	2,294,093			250,000	250,000 #	2,044,093
Rosemount	525,289		25,226	27,900	53,126 ###	472,163
Roseville ****	980,668			245,167	245,167 *	735,501
St. Anthony	219,293			54,823	54,823 *	164,470
St. Cloud	1,776,696	\$8,784	43,833	71,925	124,542 ###	1,652,154
St. Louis Park	1,143,680			400,288	400,288 **	743,392
St Michael	323,603			80,901	80,901 *	242,702
St. Paul	7,980,566			2,473,975	2,473,975 ***	5,506,591
St. Paul Park	168,002			42,001	42,001 *	126,001
St. Peter	336,532			15,885	15,885	320,647
Sartell	210,956			7,905	7,905	203,051
Sauk Rapids	276,557			14,475	14,475	262,082
Savage	563,388		144,418	13,545	157,963 ###	405,425
Shakopee	469,540			117,385	117,385 *	352,155
Shoreview	554,422			18,885	18,885	535,537
Shorewood	212,861			53,215	53,215 *	159,646

MUNICIPALITY	TOTAL APPORTION- MENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION	CONSTRUCTION ALLOCATION
South St. Paul	\$476,288			\$119,072	\$119,072 *	\$357,216
Spring Lake Park	146,519			36,630	36,630 *	109,889
Stewartville	142,199			5,310	5,310	136,889
Stillwater	390,900			97,725	97,725 *	293,175
Thief River Falls	433,685			95,000	95,000 #	338,685
Vadnais Heights	245,225			8,880	8,880	226.245
Virginia	341,211	\$16,920		81,073	97,993 *	236,345
Waite Park	199,527	v ,		9,450	•	243,218
Waseca	210,810			9,465	9,450	190,077
West St. Paul	452,787			80,000	9,465 80,000 #	201,345 372,787
White Bear Lake	678,161			169,540	169,540 *	E00 (31)
Willmar	576,222	4,392		142,958	147,350 *	508,621
Winona	706,866	,		176,717	176,717 *	428,872
Woodbury	1,359,262		\$163,563	339,816	503,379 ##	530,149
Worthington	289,826		Ψ105,5 0 5	14,715	14,715	855,883
TOTAL	\$93,828,258	\$233,496	\$925,422	\$20,043,176	\$21,202,094	275,111 \$72,626,164

^{* 25%} of Allotment requested.

^{35%} of Allotment requested. (Maintenance expenditure report required).

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

^{****} Requested that bond interest be paid with local funds.

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

^{##} Requested 25% + bond interest.

^{###} Allocated \$1500 per mile + bond interest. Total Maintenance cannot exceed 35% of total Allotment.

^{####} Maximum amount of 25% including bond interest.

1997 IMPROVED MILEAGE RECORD

(MILEAGE USED FOR MINIMUM MAINTENANCE ALLOCATION)

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

	IMPROVED		IMPROVED
MUNICIPALITY	MILEAGE	MUNICIPALITY	MILEAGE
Albert Lea	18.65	Eagan	43.53
Alexandria	13.86	East Bethel	21.63
Andover	24.59	East Grand Forks	11.57
Anoka	11.16	Eden Prairie	39.73
Apple Valley	25.95	Edina	39.36
Arden Hills	5.93	Elk River	19.56
Austin	26.83	Fairmont	18.55
Bemidji	14.40	Falcon Heights	2.54
Blaine	21.70	Faribault	21.40
Bloomington	74.25	Farmington	5.33
Brainerd	14.09	Fergus Falls*	15.77
Brooklyn Center	21.67	Forest Lake	5.12
Brooklyn Park*	32.43	Fridley	25.22
Buffalo	8.22	Glencoe	6.17
Burnsville	43.23	Golden Valley	23.01
Cambridge*	4.73	Grand Rapids	11.14
Champlin	14.30	Ham Lake	22.20
Chanhassen	16.52	Hastings	15.91
Chaska	13.05	Hermantown	12.99
Chisholm*	7.72	Hibbing *	49.00
Cloquet*	19.00	Hopkins	9.34
Columbia Heights	12.53	Hugo	13.25
Coon Rapids	35.89	Hutchinson	13.98
Corcoran	14.18	International Falls	8.06
Cottage Grove	26.76	Inver Grove Heights	21.52
Crookston	11.46	Lake Elmo	9.53
Crystal	17.78	Lakeville	39.36
Dayton	8.65	Lino Lakes*	9.54
Detroit Lakes	9.54	Litchfield	8.06
Duluth*	88.56	Little Canada	8.09

	IMPROVED		IMPROVED
MUNICIPALITY	MILEAGE	MUNICIPALITY	MILEAGE
Little Falls	13.99	Rosemount	18.60
Mahtomedi	6.52	Roseville	26.91
Mankato	29.95	St. Anthony	5.63
Maple Grove	32.07	St. Cloud *	47.95
Maplewood	21.94	St. Louis Park	26.92
Marshall	13.72	St. Michael	9.55
Mendota Heights	12.87	St. Paul	157.97
Minneapolis	198.67	St. Paul Park	5.30
Minnetonka	46.55	St. Peter	10.59
Montevideo	8.08	Sartell	5.27
Monticello	4.33	Sauk Rapids	9.65
Moorhead	29.11	Savage	9.03
Morris	6.66	Shakopee	16.48
Mound	7.59	Shoreview	12.59
Mounds View	9.82	Shorewood	8.24
New Brighton	12.18	South St. Paul	15.57
New Hope	12.64	Spring Lake Park	5.25
New Ulm	14.16	Stewartville	3.54
North Branch	20.10	Stillwater	12.57
North Mankato	12.42	Thief River Falls	13.62
North St. Paul	10.00	Vadnais Heights	5.92
Northfield	10.91	Virginia *	9.70
Oak Grove	15.89	Waite Park	6.30
Oakdale	16.07	Waseca	6.31
Orono	12.58	West St. Paul	13.10
Otsego	9.52	White Bear Lake	19.53
Owatonna	17.51	Willmar *	23.29
Plymouth	42.32	Winona	21.38
Prior Lake	9.79	Woodbury	28.45
Ramsey	18.91	Worthington	9.81
Red Wing	20.43		
Redwood Falls	6.61		
Richfield	25.39		
Robbinsdale	10.29		
Rochester	56.32	TOTAL	2569.02

UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

The unencumbered amount available as of December 31,1997 is the unencumbered construction fund balance adjustment which is deducted from the city's total needs.

See the Screening Board Resolution and the 1998 Needs Construction Apportionment spreadsheet on pages 30-34.

The total State Aid expenditures between December 31,1996 and December 31,1997 amounted to \$83,966,638. This amount includes \$69,929,152 for the 1997 Construction Apportionment plus \$14,037,586 for the difference between December 31 of 1996 and 1997 balances.

	ce adjustment decrea Unencumbered	Unencumbered	Difference	Percentage of	
	Amount	Amount	Between		Ratio to
	Available	Available	1996 and	Total Amount	City's 1997
Municipalities	12-31-96	12-31-97	1996 and 1997	in 1997	Construction
Albert Lea	\$1,254,257	\$1,255,793	\$1,536	Account	Allotment
Alexandria	0	24,668	•	2.5571	3.188
Andover	200,484	24,008	24,668	0.0502	0.097
Anoka	467,469		(200,484)	0.0000	0.000
Apple Valley	707, 70 7 0	0 354,298	(467,469)	0.0000	0.000
•	· ·	334,230	354,298	0.7214	0.395
Arden Hills	0	0	0	0.0000	0.000
Austin	2,084,615	2,110,250	25,635		0.000
Bemidji	645,713	881,340		4.2969	2.987
Blaine	1,682,129	1,823,624	235,627	1.7946	3.034
Bloomington	6,517,392		141,495	3.7133	2.198
commgton	0,517,392	501,704	(6,015,688)	1.0216	0.256
Brainerd	1,006,077	833,681	(172,396)	1.6976	0.054
Brooklyn Center	, .,0	000,001	`		3.351
Brooklyn Park	1,441,975	1,767,279	0 205 204	0.0000	0.000
Buffalo	0	_	325,304	3.5986	1.669
Burnsville	213,654	0	0	0.0000	0.000
- 3	213,034	0	(213,654)	0.0000	0.000
Cambridge	0	0	0	0.0000	0.000
Champlin	572,865	622,518	49,653	1.2676	0.000
Chanhassen	490,164	435,889	(54,275)		2.024
Chaska	0	0		0.8876	0.790
Chisholm	0	115,247	115 247	0.0000	0.0000
	ŭ	113,247	115,247	0.2347	0.9057
Cloquet	0	435,062	435,062	0.8859	1.3953
Columbia Heights	1,441,213	1,487,231	46,018	3.0283	5.0034
Coon Rapids	1,580,684	2,356,614	775,930	4.7986	
Corcoran	. ,	_,::0,;: N	770,000		1.8337
Cottage Grove	35,023	0	(35,023)	0.0000 0.0000	0.0000 0.0000
		•	(00,020)	0.0000	0.0000
Prookston	83,830	181,510	97,680	0.3696	0.4592
Crystal Crystal	744,723	86,518	(658,205)	0.1762	0.1528
ayton	0	0	0	0.0000	
etroit Lakes	172,185	196,061	23,876	0.3992	0.0000
uluth	815,341	0	(815,341)	0.0000	1.0289 0.0000
·			(===,==,-)	3.0000	0.0000
agan	0	0	0	0.0000	0.0000
ast Bethel	504,036	804,836	300,800	1.6388	2.6757
ast Grand Forks	295,302	351,638	56,336	0.7160	
den Prairie	0	91,241	91,241	0.1858	1.7946
dina	2,864,882	3,273,878	408,996	6.6663	0.0737 <u>3</u> .5136

Municipalities Elk River Fairmont Falcon Heights Faribault Farmington Fergus Falls Forest Lake Fridley	\$0 249,437 361,677 0 857,051 0 0 1,196,914 0 0	Available 12-31-97 \$0 0 305,331 72,700 1,190,543 350,182 0 833,155 154,624	1996 and 1997 \$0 (249,437) (56,346) 72,700 333,492 350,182 0 (363,759)	0.0000 0.0000 0.6217 0.1480 2.4242 0.7130 0.0000	0.0000 0.0000 5.3879 0.1444 3.5699
Elk River Fairmont Falcon Heights Faribault Farmington Fergus Falls Forest Lake Fridley	\$0 249,437 361,677 0 857,051 0 0 1,196,914 0	\$0 0 305,331 72,700 1,190,543 350,182 0 833,155 154,624	\$0 (249,437) (56,346) 72,700 333,492 350,182 0	0.0000 0.0000 0.6217 0.1480 2.4242 0.7130 0.0000	0.0000 0.0000 5.3879 0.1444 3.5699
Fairmont Falcon Heights Faribault Farmington Fergus Falls Forest Lake Fridley	249,437 361,677 0 857,051 0 0 1,196,914 0	305,331 72,700 1,190,543 350,182 0 833,155 154,624	(249,437) (56,346) 72,700 333,492 350,182 0	0.0000 0.6217 0.1480 2.4242 0.7130 0.0000	0.0000 5.3879 0.1444 3.5699 0.9554
Falcon Heights Faribault Farmington Fergus Falls Forest Lake Fridley	361,677 0 857,051 0 0 0 1,196,914 0	305,331 72,700 1,190,543 350,182 0 833,155 154,624	(56,346) 72,700 333,492 350,182 0	0.6217 0.1480 2.4242 0.7130 0.0000	5.3879 0.1444 3.5699 0.9554
Faribault Farmington Fergus Falls Forest Lake Fridley	0 857,051 0 0 0 1,196,914 0	72,700 1,190,543 350,182 0 833,155 154,624	72,700 333,492 350,182 0	0.1480 2.4242 0.7130 0.0000	0.1444 3.5699 0.9554
Farmington Fergus Falls Forest Lake Fridley	857,051 0 0 1,196,914 0	1,190,543 350,182 0 833,155 154,624	333,492 350,182 0	2.4242 0.7130 0.0000	3.5699 0.9554
Fergus Falls Forest Lake Fridley	0 0 1,196,914 0	350,182 0 833,155 154,624	350,182 0	0.7130 0.0000	0.9554
Forest Lake Fridley	0 1,196,914 0	0 833,155 154,624	0	0.0000	
Fridley	1,196,914 0	833,155 154,624	•		
	0	154,624	(363,759)	4 ADAC	0.0000
				1.6965	1.8718
Glencoe	0	21 507	0	0.3148	0.7568
Golden Valley		31,507	31,507	0.0642	0.0622
Grand Rapids	0	0	0	0.0000	0.0000
Ham Lake	154,862	48,199	(106,663)	0.0981	0.1490
Hastings	293,756	0	(293,756)	0.0000	0.0000
Hermantown	592,508	776,566	184,058	1.5813	4.2144
Hibbing	1,160,032	1,025,348	(134,684)	2.0878	1.6093
Hopkins	858,755	0	(858,755)	0.0000	0.0000
Hugo	433,262	645,780	212,518	1.3150	3.0387
Hutchinson	830,785	0	(830,785)	0.0000	0.0000
International Falls	333,390	558,056	224,666	1.1363	2:4839
Inver Grove Heights	132,473	689,650	557,177	1.4043	1.1750
Lake Elmo	244,443	390,054	145,611	0.7942	2.6787
Lakeville	. 0	0	0	0.0000	0.0000
Lino Lakes	788,133	853,598	65,465	1.7381	2.6212
Litchfield	485,646	109,822	(375,824)	0.2236	0.6647
Little Canada	302,065	0	(302,065)	0.0000	0.0000
Little Falls	22,138	0	(22,138)	0.0000	0.0000
Mahtomedi	0	0	0	0.0000	0.0000
Mankato	0	63,085	63,085	0.1285	0.0762
Maple Grove	275,738	0	(275,738)	0.0000	0.0000
Maplewood	911,859	379,645	(532,214)	0.7730	0.6319
Marshall	1,010,103	566,395	(443,708)	1.1533	1.8041
Mendota Heights	275,906	491,257	215,351	1.0003	2.0928
Minneapolis	2,710,875	1,236,292	(1,474,583)	2.5174	0.1743
Minnetonka	0	0	0	0.0000	0.0000
Montevideo	428,618	200,686	(227,932)	0.4086	1.2263
Monticello	134,323	263,521	129,198	0.5366	2.0397
Moorhead	478,051	108,196	(369,855)	0.2203	0.1308
Morris	170,003	280,761	110,758	0.5717	2.5349
Mound	711,255	21,724	(689,531)		0.1255
Mounds View	469,636	631,962	162,326	1.2868	2.6229
New Brighton	0	91,359	91,359	0.1860	0.2315
New Hope	117,880	0	(117,880)		0.0000
New Ulm	665,569	324,449	(341,120)	0.6607	0.8666
North Branch	103,894	314,024	210,130	0.6394	1.4944
North Mankato	103,894	0	210,130	0.0000	0.0000

	Unencumbered	Unencumbered	Difference	Percentage of	Ratio to
}	Amount	Amount	Between	Total Amount	City's 1997
	Available	Available	1996 and	in 1997	Construction
Municipalities	12-31-96	12-31-97	1997	Account	Allotment
North St. Paul	\$0	\$65,625	\$65,625	0.1336	0.2454
Northfield	794,794	711,858	(82,936)	1.4495	2.3597
Oak Grove	216,490	0	(216,490)	0.0000	0.000
Oakdale	0	0	0	0.0000	0.0000
Orono	638,844	686,185	47,341	1.3972	2.6933
Otsego	497,475	762,911	265,436	1.5535	3.4479
Owatonna	0	0	0	0.0000	0.0000
Plymouth	1,413,245	0	(1,413,245)	0.0000	0.0000
Prior Lake	368,979	684,598	315,619	1.3940	2.0846
Ramsey	244,621	685,006	440,385	1.3948	1.5208
Red Wing	223,513	0	(223,513)	0.0000	0.0000
Redwood Falls	0	75,740	75,740	0.1542	0.5793
Richfield	2,574,877	2,542,856	(32,021)	5.1778	3.5351
Robbinsdale	603,796	0	(603,796)	0.0000	0.0000
Rochester	282,842	714,722	431,880	1.4553	0.4325
Rosemount	0	400,471	400,471	0.8154	0.8697
Roseville	1,415,313	1,056,551	(358,762)	2.1514	1.4869
St. Anthony	422,008	502,914	80,906	1.0240	3.2783
St. Cloud	0	002,314	00,900	0.0000	0.0000
St. Louis Park	Ö	0	Ö	0.0000	0.0000
St. Michael	0	5,996	5,996	0.0122	0.0267
St. Paul	4,028,226	0	(4,028,226)	0.0000	0.0000
St. Paul Park	0	269,430	269,430	0.5486	0.0000
St. Peter	800,653	696,809	(103,844)	1.4189	2.3549
Sartell	136,251	0	(136,251)	0.0000	0.0000
Sauk Rapids	150,629	0	(150,629)	0.0000	0.0000
Savage	0	0) Ó	0.0000	0.0000
Shakopee	0	106,202	106,202	0.2163	0.2963
Shoreview	0	95,910	95,910	0.1953	0.1992
Shorewood	1,085,084	1,196,942	111,858	2.4372	6.9686
South St. Paul	1,611,071	1,849,935	238,864	3.7669	5.3798
Spring Lake Park	0	0	0	0.0000	0.0000
Stewartville	0	0	0	0.0000	0.0000
Stillwater	613,394	415,634	(197,760)	0.8463	1.4226
Thief River Falls	312,041	394,331	82,290	0.8029	1.1149
Vadnais Heights	0	0	0	0.0000	0.0000
Virginia	112,920	0	(112,920)	0.0000	0.0000
Waite Park	0	0) O	0.0000	0.0000
Waseca	0	50,623	50,623	0.1031	0.2535
West St. Paul	189,091	0	(189,091)	0.0000	0.0000
White Bear Lake	0	0	0	0.0000	0.0000
Willmar	331,754	804,543	472,789	1.6382	1.8477
Winona	9,324	364,330	355,006	0.7419	0.6860
Woodbury	0	0	Ó	0.0000	0.0000
Worthington	1,041,223	971,073	(70,150)	1.9773	3.5904
TOTAL	\$62,993,508	\$49,110,546	(\$14,037,586)	100.0000	0.7023

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 1996)

(For Reference, see Bond Adjustment Resolution)

The average principal and interest on all Bond sales cannot exceed 50 percent of the last construction apportionment preceding the Bond sale.

COLUMN B: Total Disbursements and Obligations: The amount of bond applied toward State Aid projects. A Report Of State Contract must be submitted by December 31 of the previous year to get credit for the expenditure.

COLUMN C: Unencumbered Bond Balance Available: The amount of the bond not applied toward a State Aid project.

COLUMN D: Unamortized Bond Balance: The remaining bond principal to be paid on the issue. This payment is made from the city's construction account. Interest payments are made from the maintenance account and are not reflected in this chart.

The bond account adjustment is computed by using two steps.

Step 1: (A minus B) Amount of issue minus disbursements = unencumbered balance.

Step 2: (D minus C minus E) Unamortized bond balance minus unencumbered balance = bond account adjustment.

Municipality	Date of Issue	(A) Amount of Issue	(B) Total Amount Applied Toward State Aid Projects	(C) (A Minus B) Amount Not Applied Toward State Aid Projects	(D) Remaining Amount of Principal To Be Paid	(E) Off System Disburse- ment	(D minus C minus E) Bond Account Adjustment
Andover	8-01-88	\$500,000	\$500,000	\$0	\$100,000		\$100,000
Anoka	7-01-86	985,000	552,765	432,235	0		(432,235)
Apple Valley	8-01-79	875,000	875,000	0	305,000		305,000
Apple Valley	9-09-91	1,730,000	1,730,000	0	1,415,000	\$779,446	635,554
Brooklyn Center	9-01-91	3,000,000	3,000,000	0	2,205,000		2,205,000
Cambridge	8-01-94	650,000	641,142	8,858 *	605,000		596,142
Cloquet	12-01-93	835,000	835,000	0	595,000		595,000
Eagan	7-01-86	3,000,000	3,000,000	0	975,000		975,000
Eagan	12-01-96**	995,000	. 0	995,000	995,000		0
Eden Prairie	11-10-91	370,000	261,663	108,337	255,000		146,663

Mariales	Date of	(A) Amount of	(B) Total Amount Applied Toward State Aid	(C) (A Minus B) Amount Not Applied Toward State Aid	(D) Remaining Amount of Principal	(E) Off System Disburse-	(D Minus C) minus E) Bond Account
Municipality Eden Prairie	Issue 7-01-92	1ssue	Projects #0	Projects	To Be Paid	ment	Adjustment
Elk River	6-01-92	\$1,940,000	\$0	\$1,940,000	\$290,000		(\$1,650,000)
Falcon Heights	4-21-80	1,095,000	1,095,000	0	525,000		525,000
Ham Lake	9-01-94	170,000	142,012	27,988	0		(27,988)
Little Canada		530,000	530,000	0	400,000		400,000
Little Callada	11-01-93	315,000	300,000	15,000 *	165,000		150,000
Maple Grove	11-01-94	3,620,000	3,620,000	0	3,005,000		3,005,000
Marshall	7-01-81	310,000	235,496	74,504	0		(74,504)
Oakdale	11-10-92	453,181	453,181	0	286,313		286,313
Oakdale	11-23-93	887,640	887,640	0	642,468		642,468
Redwood Falls	12-01-82	215,000	25,000	190,000	0		(190,000)
Rosemount	7-05-94	700,000	0	700,000	575,000		(125,000)
Roseville	12-01-85	2,225,000	2,225,000	0	1,100,000		1,100,000
St. Cloud	11-01-92	1,940,000	1,755,000	185,000	1,370,000		1,185,000
Savage	10-01-87	875,000	875,000	0	200,000		200,000
Savage	06-17-96**	717,775	0	717,775	717,775		200,000
Woodbury	10-01-94	3,890,000	3,870,853	19,147	3,675,000		3,655,853
TOTAL		\$32,823,596	\$27,409,752	\$5,413,844	\$20,401,556	\$779,446	\$14,208,266

^{*} Overhead costs
** The bond adjustment will be adjusted annually by 10% starting in year principal is paid.

NON-EXISTING BRIDGE CONSTRUCTION

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

BE IT RESOLVED:

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

"This directive to exclude all Federal or State grants.

			Year of	Project		T-4-1
		First Year of	Apport- ionment	15 Years Development Amount & Constuction	Project	Total Needs
Municipality	MSAS No.	Adjustment	Expiration	Expired Engineering	Needs	Amount
Bloomington	433	1987	2001	\$226,024	\$1,255,688	
	399	1990	2004	192,724	1,070,687	22 745 422
						\$2,745,123
Burnsville	108	1986	2000	62,943	349,684	412,627
Chaska	107	1997	2011	62,344	346,355	408,699
Cottage Grove	111	1997	2011	7,872	43,731	51,603
Duluth *	140	1987	2001		1,054,200	1,054,200
Edon Deside	101	1985	1999	175,374	974,299	
Eden Prairie	107	1997	2011	51,335	285,194	1,486,202
	107					
Edina	174	1997	2011	168,883	938,240	1,107,123
Hutchinson	108	1998	2012	212,207	617,479	829,686
Lakeville	122	1996	2010	146,346	813,036	959,382
Minneapolis	336	1986	2000	194,881	1,082,670	
Minicapone	419	1996	2010	292,653	1,625,850	3,196,054
Moorhead	135	1998	2012	175,284	973,801	1,149,085
Ramsey	104	1998	2012	54,554	303,077	357,631
Red Wing	122	1986	2000	178,435	991,307	1,169,742
Roseville	219	1987	2001	506,649	2,814,714	3,321,363
Woodbury	108	1996	2010	253,835	1,410,197	1,664,032
TOTAL				\$2,962,342	\$16,950,209	\$19,912,552

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

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

MUNICIPALITY	1981-1995 RIGHT-OF-WAY - EXPENDITURES	1996 RIGHT-OF-WAY - EXPENDITURES	1981 EXPIRED = RIGHT-OF-WAY	FOR 1998
Albert Lea	\$6,827	EARENDITURES	EXPENDITURES	APPORTIONMENT
Alexandria	\$0,02 <i>1</i>	-	~~	\$6,827
Andover	147,283	 \$3,518		450.004
Anoka	216,505	φ3,310		150,801
Apple Valley	210,000	 	 	216,505
Arden Hills	_			
Austin				•
Bemidji	220,201	***		-
Blaine	292,356			220,201
Bloomington	5,687,514	4,513,192	(\$145,300)	292,356 10,055,406
Brainerd		352,019		
Brooklyn Center	2,523,341			352,019 2 522 244
Brooklyn Park	234,817	144,406		2,523,341
Buffalo	204,011	177,700		379,223
Burnsville	1,334,446			- 1,334,446
Cambridge				
Champlin	123,432			123,432
Chanhassen	65,000		<u> </u>	65,000
Chaska	92,467			92,467
Chisholm	, -,			52,407
Cloquet	22,271			22,271
Columbia Heights	133,200			133,200
Coon Rapids	1,060,488			1,060,488
Corcoran	5,762			5,762
Cottage Grove	430,302	28,563		458,865
Crookston	1,050,364			1,050,364
Crystal	3,682,636			3,682,636
Dayton				-,002,000
Detroit Lakes				
Duluth	230,314	80,041		310,355
Eagan	392,508			392,508
East Bethel	17,200			17,200
East Grand Forks	121,700			121,700
Eden Prairie			••	
Edina	301,459	3,934		305,393
Elk River	194,227	56,640		250,867
Fairmont	74,988		(1,825)	73,163
Falcon Heights	•		(.,020)	70,100
Faribault	2,346			2,346
Farmington	83,865			83,865

fal/rwall97, wk3				08-Jan-98
				TOTAL
			1981	RIGHT-OF-WAY
	1981-1995	1996	EXPIRED = RIGHT-OF-WAY	ADJUSTMENT FOR 1998
NAME OF THE PARTY	RIGHT-OF-WAY +	RIGHT-OF-WAY - EXPENDITURES	EXPENDITURES	APPORTIONMENT
MUNICIPALITY Fergus Falls	EXPENDITURES \$67,200			\$67,200
Forest Lake	64,783			64,783
Fridley	95,081			95,081
Glencoe				_
Golden Valley	419,693			419,693
Golden Valley	713,000			,
Grand Rapids				-1
Ham Lake	82,445	\$49,131		131,576
Hastings	4,350	•	(\$4,350)	
Hermantown	129,858			129,858
Hibbing	205,360			205,360
	·			
Hopkins				
Hugo	-			
Hutchinson	175,000			175,000
International Falls	·			-1
Inver Grove Heights	1,127,132			1,127,132
Lake Elmo	100,641	6,310	. 40.00	106,951
Lakeville	476,148	236,180		712,328
Lino Lakes	64,950			64,950
Litchfield				-1
Little Canada	-			-
Little Falls	311,472	96,451		407,923
Mahtomedi				
Mankato	433,175		•••	433,175
Maple Grove	1,366,419			1,366,419
Maplewood				7
			(50.000)	44.440
Marshall	72,763		(58,320)	14,443
Mendota Heights	8,970		(0.4.0.54)	8,970
Minneapolis	7,844,897	38,807	(34,351)	7,849,353
Minnetonka	71,450	629,030	=-	700,480
Montevideo		17,121		17,121
1.4 - (2)	440 540			149,510
Monticello	149,510	270.002		400,308
Moorhead	130,305	270,003		2,379
Morris	2,379	400 10E		595,641
Mound Mounda View	107,446	488,195		JJJ,041
Mounds View				7
Now Prichton			_	
New Brighton	 183,000	•••	~ -	183,000
New Hope	103,000			100,000
New Ulm North Branch]
North Mankato	 395,146			395,146
INUITII WANKALU	JJJ, 140		J <u>-</u>	000,140
North St. Paul	78,068			78,068
Northfield	8,850			8,850
Oak Grove	29,899	24,652		54,551
Oak Glove Oakdale	233,629	24,002		233,629
Orono	£33, 0 £3	29,164		29,164
Citilo		20,104		

	1981-1995	1996	1981 EXPIRED =	TOTAL RIGHT-OF-WAY ADJUSTMENT
MUNICIPALITY	RIGHT-OF-WAY + EXPENDITURES			FOR 1998
Otsego	\$8,900	EXPENDITURES	EXPENDITURES	APPORTIONMENT
Owatonna	+ - -	·		\$8,900
Plymouth	192,964	\$7,937		200,90
Prior Lake	281,025	Ţ.,···		281,02 <u>\$</u>
Ramsey	180,075		(\$8,427)	171,648
Red Wing	62,176	10,675		72,851
Redwood Falls		, 	•••	,00
Richfield Robbinsdale	2,997,333	616,282		3,613,615
Rochester	3,616,427	 		3,616,427
Rosemount			•••	
Roseville	1,660,726			1,660,726
St. Anthony	-			1,000,720
St. Cloud	1,223,492	265,782		1,489,274
St. Louis Park	302,905	· 		302,905
St. Michael	_			
St. Paul	3,788,466	728,140	(4,921)	4,511,685
St. Paul Park				-
St. Peter Sartell	26,182	445.555		26,182
Saitell	-	115,505	· 	115,505
Sauk Rapids	3,944			3,944
Savage				-
Shakopee	~-			-
Shoreview		14,945		14,945
Shorewood				-
South St. Paul				-
Spring Lake Park Stewartville	129,350			129,350
Stillwater		40.004		-
Thief River Falls	 69,234	19,061		19,061
	03,234	1,408		70,642
Vadnais Heights		= a		_
Virginia				-
Waite Park Waseca	28,764			28,764
West St. Paul	5,000 			5,000
White Bear Lake	279,823			
Willmar	152,500		(00 F00)	279,823
<i>N</i> inona	132,300	*-	(22,500)	130,000
Voodbury	280,615	89,000		200 045
Vorthington	26,842			369,615 26,842
OTAL	\$48,504,581	\$8,936,092	(\$279,994)	\$57,160,679

October 29, 1997

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

Dear Commissioner Denn:

We, the undersigned, as members of the 1997 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 1998 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

Respectfully submitted,

Brian Bachmeier Chairman John Rodeberg Vice Chairman Ken Ashfeld Secretary

Approved by:

Dave Halter District 1

Gary Nansen District 4

Larry Read
District 7

Mark Winson
Duluth

Dave Kildahl

District 2

Jack Bittle Metro-West

Daniel Sanf

District 8

Ramankutty Kannankutty
Minneapolis

Terry Wotzka
District 3

District

William Malin

District 6

Dave Jessup Metro-East

Ed Warn Saint, Paul

Attachment: Money Needs Listing

1997 ADJUSTED CONSTRUCTION NEEDS RECOMMENDATIONS

	Adjusted		Adjusted
	Construction		Construction
Municipality	Needs	Municipality	Needs
Albert Lea	\$10,067,498	Elk River	\$14,776,942
Alexandria	7,437,186	Fairmont	17,811,135
Andover	15,122,201	Falcon Heights	476,892
Anoka	5,745,795	Faribault	14,304,896
Apple Valley	16,726,246	Farmington	8,268,869
Arden Hills	3,933,236	Fergus Falls	10,513,983
Austin	17,442,117	Forest Lake	3,727,310
Bemidji	7,749,685	Fridley	7,129,631
Blaine	16,786,995	Glencoe	4,955,899
Bloomington	72,199,425	Golden Valley	13,383,570
Brainerd	5,984,381	Grand Rapids	6,578,744
Brooklyn Center	15,111,248	Ham Lake	8,097,748
Brooklyn Park	18,964,848	Hastings	5,557,471
Buffalo	5,967,373	Hermantown	4,357,293
Burnsville	23,948,401	Hibbing	23,621,370
Cambridge	4,837,860	Hopkins	7,542,173
Champlin	6,347,739	Hugo	7,284,220
Chanhassen	10,875,858	Hutchinson	9,812,989
Chaska	8,441,695	International Falls	4,275,081
Chisholm	3,954,964	Inver Grove Heights	11,394,389
Cloquet	11,391,210	Lake Elmo	2,513,702
Columbia Heights	6,699,318	Lakeville	27,763,131
Coon Rapids	15,212,506	Lino Lakes	11,734,217
Corcoran	5,451,155	Litchfield	5,137,055
Cottage Grove	17,527,429	Little Canada	5,974,467
Crookston	12,402,586	Little Falls	8,664,584
Crystal	15,071,366	Mahtomedi	2,708,523
Dayton	6,148,385	Mankato	23,018,412
Detroit Lakes	3,560,216	Maple Grove	29,538,787
Duluth	66,698,835	Maplewood	12,454,225
Eagan	21,110,588	Marshall	8,101,724
East Bethel	7,611,667	Mendota Heights	5,480,362
East Grand Forks	4,847,125	Minneapolis	206,333,081
Eden Prairie	22,651,024	Minnetonka	24,203,083
Edina	19,532,480	Montevideo	3,764,354

	Adjusted Construction		Adjusted Construction
Municipality	Needs	Municipality	Needs
Monticello	\$2,940,899	St. Michael	\$8,190,416
Moorhead	21,562,427	St. Paul	143,509,487
Morris	2,350,832	St. Paul Park	3,423,675
Mound	4,387,704	St. Peter	7,014,573
Mounds View	4,522,097	Sartell	3,597,701
New Brighton	6,919,233	Sauk Rapids	5,039,199
New Hope	9,269,753	Savage	12,446,826
New Ulm	8,644,883	Shakopee	9,425,829
North Branch	9,723,229	Shoreview	5,866,431
North Mankato	8,002,220	Shorewood	4,039,657
North St. Paul	5,266,679	South St. Paul	6,307,484
Northfield	7,427,013	Spring Lake Park	1,641,615
Oak Grove	7,271,000	Stewartville	2,453,843
Oakdale	9,320,971	Stillwater	5,564,870
Orono	8,565,649	Thief River Falls	11,505,477
Otsego	7,882,465	Vadnais Heights	1,830,048
Owatonna	10,982,957	Virginia	6,760,531
Plymouth	26,091,743	Waite Park	4,064,250
Prior Lake	8,307,413	Waseca	3,083,093
Ramsey	13,016,214	West St. Paul	5,861,687
Red Wing	16,263,723	White Bear Lake	10,552,809
Redwood Falls	4,774,601	Willmar	10,765,980
Richfield	15,948,264	Winona	11,287,839
Robbinsdale	5,325,450	Woodbury	31,812,756
Rochester	41,844,166	Worthington	4,913,076
Rosemount	12,661,707		
Roseville	17,315,124		
St. Anthony	3,419,798		
St. Cloud	32,737,437		
St. Louis Park	17,745,104	443333 3333 34333 34333	
		STATE TOTAL	\$1,746,270,860

TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE

The following tabulation shows the Trunk Highway Turnback Maintenance allowance for the 1998 Apportionment. All turnbacks eligible for maintenance payments are included in this tabulation as of December 31, 1997. 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 1997.

Msas Route No. Brooklyn Park	Date of Release	Project Number	Plan Approved	Total Mileage	Miles Const.	Miles Eligible for TB Maint,	Date of MSAS Designation	Maintenance Allowance Eligible Miles X \$7,200	Total Turnback Maintenance Allocation
139 (TH 252) Cambridge	7-15-94		No	2.94	0.00	2.94	12-94	\$21,168	\$21,168
113 (TH 65) Chisholm	11-1-94		No	2.15	0.00	2.15	12-94	15,480	15,480
248 (TH 169) Cloguet	12-30-94	111-248-01	Yes	0.72	0.45	0.27	12-94	1,944	1,944
146 (TH 45)	11-15-94	112-146-02	Yes No	1.06 0.66	1.06 0.00	0.00 0.66	11-94 11-94	0 <u>4,752</u>	
Duluth (TH 23)	12-15-95		No	44.04	0.00			4,752	4,752
(TH 61)	12-15-95		No	14.61	0.00	14.61	2-1-96	105,192	
(TH 194)	12-15-95	Constructed	No No	1.79 <u>0.95</u> 17.35	0.00 <u>0.95</u> 0.95	1.79 <u>0.00</u>	2-1-96 2-1-96	12,888 <u>Q</u>	
Fergus Falls				17.55	0.95	16.40		118,080	118,080
104 (TH 59)	11-1-94	126-104-02	Yes No	0.79 1.76	0.79 0.00	0.00	11-94	0	
109 (TH 210)	11-1-94	126-109-08 Signal	Yes No	0.00 2.11	0.00 0.00 0.00	1.76 0.00	11-94	12,672 0	
132 (TH 59)	11-1-94	Oigria	No	1.40 6.06	0.00 <u>0.00</u> 0.79	2.11 <u>1.40</u> 5.27	11-94	15,192 <u>10,080</u>	
Hibbing				0.00	0.79	5.27		37,944	37,944
175 & 226 (TH 73)	6-91	131-175-02 131-226-02	No	2.72	2.44	0.28	7-91	2,016	2,016
Lino Lakes									
113 (TH 49) <u>St. Cloud</u>	11-1-96		No	0.28	0.00	0.28	01-97	2,016	2,016
115,131,145 (TH15)	10-90	162-115-08	Yes	0.13		0.13	12-90	030	İ
. ,		162-131-04	Yes	0.23		0.13	12-90 12-90	936 1,656	
		162-145-01	Yes	1.80	1.11	0.23	12-90	4,968	
		162-145-02	Yes	0.17	** * *	0.55 <u>0.17</u>	12-90	4,966 1.224	
				2.33	1.11	1.22	12-30	1, <u>224</u> 8,784	0.704
Virginia				_,		1.22		0,704	8,784
225 (TH 135) <u>Willmar</u>	6-1-96		No	2.35	0.00	2.35	08-96	16,920	16,920
153 (TH 71)	6-91		No	4.47	3.86	0.61	08-96	4,392	4,392

R CE (g) 87

M.S.A.S. Mileage, Needs and Apportionment 1958 to 1998

nber of of unici- alities 58 59 59 77 77 77	if nici- Needs ties Mileage 8 920.40 9 938.36	25 Year Construc- tion Needs \$190,373,337	Total Apport- ment	Adjusted 25 Year Construc- tion	Total Apport- ment Per Needs	Apport- ment Per \$1000 of
unici- alities 58 59 59 77 77 77	nici- Needs ties Mileage 8 920.40 9 938.36	tion Needs \$190,373,337	Apport- ment	tion	ment	\$1000 of
58 59 59 77 77 77	ties Mileage 8 920.40 9 938.36	Needs \$190,373,337	ment	MARTINE CONTRACTOR (CONTRACTOR CONTRACTOR CONTRACTOR (CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR C	\$11.741.0724474144444453333114337516444	
58 59 59 77 77 77	8 920.40 9 938.36	\$190,373,337				Adjusted
59 59 77 77 77 77	9 938.36		A 7 A A	Needs	Mileage	Needs
59 77 77 77 77		105 740 000	\$7,286,074	190,373,337	\$7,916.20	\$19.1363
77 77 77 77	9 968.82	195,749,800	8,108,428	195,749,800	8,641.06	20.7112
77 77 77		214,494,178	8,370,596	197,971,488	8,639.99	21.1409
77 77	1	233,276,540	9,185,862	233,833,072	8,116.30	19.6419
77		223,014,549	9,037,698	225,687,087	7,922.04	20.0226
		221,458,428	9,451,125	222,770,204	8,140.08	21.2127
77	{	218,487,546	10,967,128	221,441,346	9,317.00	24.7631
	1 1	218,760,538	11,370,240	221,140,776	9,406.14	25.7081
80	1 1	221,992,032	11,662,274	218,982,273	9,169.39	26.6284
80	1 1	213,883,059	12,442,900	213,808,290	9,498.90	29.0983
84	i I	215,390,936	14,287,775	215,206,878	10,411.10	33.1954
86	1	209,136,115	15,121,277	210,803,850	10,704.80	35.8658
86	1	205,103,671	16,490,064	206,350,399	11,550.98	39.9565
90	1	204,854,564	18,090,833	204,327,997	12,329.33	44.2691
92	2 1521.41	217,915,457	18,338,440	217,235,062	12,053.58	42.2087
94		311,183,279	18,648,610	309,052,410	11,799.56	30.1706
95		324,787,253	21,728,373	321,833,693	13,512.17	33.7571
99	9 1629.30	422,560,903	22,841,302	418,577,904	14,019.09	27.2844
101	1718.92	449,383,835	22,793,386	444,038,715	13,260.29	25.6660
101		488,779,846	27,595,966	483,467,326	15,782.20	28.5396
104	1 1	494,433,948	27,865,892	490,165,460	15,413.06	28.3785
106	6 1853.71	529,996,431	30,846,555	523,460,762	16,640.44	29.4188
106	6 1889.03	623,880,689	34,012,618	609,591,579	18,005.34	27.8609
109		695,487,179	35,567,962	695,478,283	18,394.30	25.5442
105*	5* 1976.17	705,647,888	41,819,275	692,987,088	21,161.78	30.2978
06*	5* 2022.37	651,402,395	46,306,272	631,554,858	22,897.03	36.5498
06*	5* 2047.23	635,420,700	48,580,190	613,448,456	23,729.72	39.7013
07*	7* 2110.52	618,275,930	56,711,674	589,857,835	26,870.95	48.1983
107	7 2139.42	552,944,830	59,097,819	543,890,225	27,623.29	54.3012
07	7 2148.07	551,850,149	53,101,745	541,972,837	24,720.68	48.9738
108	8 2171.89	545,457,364	58,381,022	529,946,820	26,880.28	55.0588
09	9 2205.05	586,716,169	76,501,442	588,403,918	34,693.74	64.9777
12	2 2265.64			The state of the s	,	41.9909
13		' '			· · · · · · · · · · · · · · · · · · ·	32.1058
16**	6** 2376.79					30.4150
16				1		29.8910
17	i	1				26.8269
						26.4612
18	1 1					27.6275
						25.9148
18	1 1					25.9146 26.8653
12 13 16		2 2265.64 2330.30 6** 2376.79 6 2410.53 7 2471.04 8 2526.39 9 2614.71 2 2740.46	2 2265.64 969,735,729 2330.30 1,289,813,259 6** 2376.79 1,374,092,030 2410.53 1,458,214,849 2471.04 1,547,661,937 2526.39 1,582,491,280 2614.71 1,652,360,408 2740.46 1,722,973,258	2 2265.64 969,735,729 81,517,107 2330.30 1,289,813,259 79,773,732 6** 2376.79 1,374,092,030 81,109,752 2410.53 1,458,214,849 82,954,222 2471.04 1,547,661,937 80,787,856 3 2526.39 1,582,491,280 81,718,700 2614.71 1,652,360,408 90,740,650 2740.46 1,722,973,258 90,608,066	2 2265.64 969,735,729 81,517,107 969,162,426 3230.30 1,289,813,259 79,773,732 1,240,127,592 376.79 1,374,092,030 81,109,752 1,330,349,165 2410.53 1,458,214,849 82,954,222 1,385,096,428 2471.04 1,547,661,937 80,787,856 1,502,960,398 2526.39 1,582,491,280 81,718,700 1,541,396,875 2614.71 1,652,360,408 90,740,650 1,638,227,013 2740.46 1,722,973,258 90,608,066 1,738,998,615	2 2265.64 969,735,729 81,517,107 969,162,426 35,979.73 3 2330.30 1,289,813,259 79,773,732 1,240,127,592 34,233.25 6** 2376.79 1,374,092,030 81,109,752 1,330,349,165 34,125.75 3 2410.53 1,458,214,849 82,954,222 1,385,096,428 34,413.27 3 2471.04 1,547,661,937 80,787,856 1,502,960,398 32,6693.87 3 2526.39 1,582,491,280 81,718,700 1,541,396,875 32,346.04 3 2614.71 1,652,360,408 90,740,650 1,638,227,013 34,703.91 3 2740.46 1,722,973,258 90,608,066 1,738,998,615 33,063.09

^{*} 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.

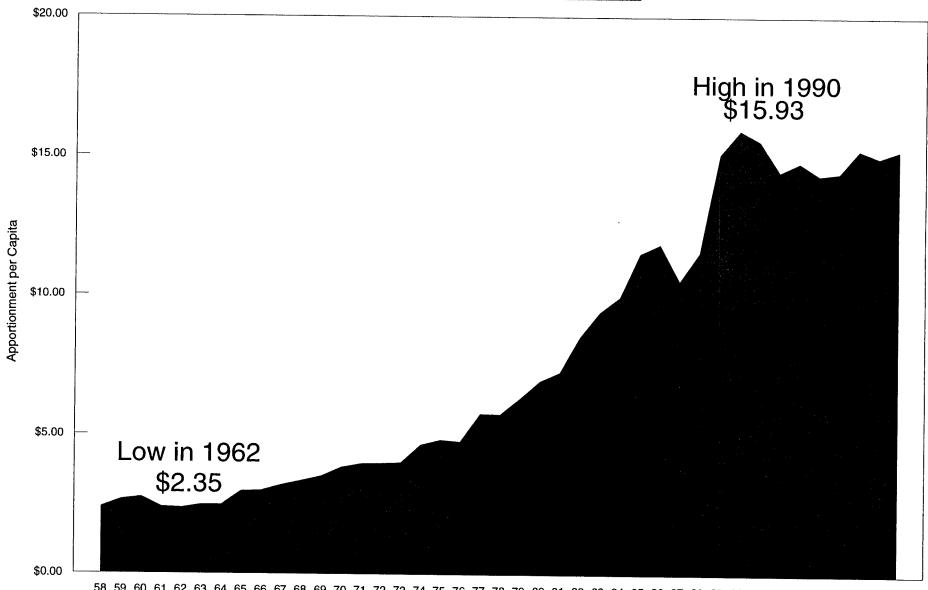
YEARLY APPORTIONMENT COMPARISONS

Since 1958, Population Apportionment per Capita has increased \$12.84 or 540%. During this same time period, Construction Needs Apportionment per \$1000 of Const. Needs has increased \$7.59 or 39%.

Construction **Percent** Percent Increase **Population** Increase Needs Apportionment per From **Apportionment** From **Apportionment Population** Year per Capita 1958 \$1000 of Adjusted 1958 Const. Needs \$2.38 \$19.14 1958 1,528,861 8.23 20.71 1,534,587 2.64 10.92 1959 14.71 21.14 10.48 1,534,587 2.73 1960 19.64 2.64 2.39 0.42 1961 1,920,742 4.63 2.35 -1.2620.02 1962 1,920,742 10.85 1963 1,920,742 2.46 3.36 21.21 29.40 3.36 24.76 1964 1,920,742 2.46 34.34 1965 1,920,742 2.96 24.37 25.71 39.15 25.63 26.63 1966 1,951,085 2.99 52.06 3.19 34.03 29.10 1967 1,951,448 3.34 40.34 33.20 73.47 1968 2,139,734 3.51 47.48 35.87 87.42 1969 2,153,747 108.80 1970 3.83 60.92 39.96 2,153,747 3.96 66.39 44.27 131.34 1971 2.286,488 120.57 67.23 42.21 1972 2,304,433 3.98 68.07 30.17 57.66 1973 2,327,882 4.00 76.40 95.38 33.76 1974 2,333,683 4.65 42.58 1975 4.83 102.94 27.28 2,361,895 34.12 100.42 25.67 1976 2,386,993 4.77 49.14 142.44 28.54 5.77 1977 2,391,494 48.30 1978 2,421,215 5.75 141.60 28.38 29.42 53.73 6.32 165.55 1979 2,436,708 1980 2,447,492 6.94 191.60 27.86 45.59 25.54 33.49 7.25 204.62 1981 2,465,725 257.56 30.30 58.33 1982 2,450,066 8.51 91.00 295.38 36.55 9.41 1983 2,455,653 39.70 107.47 9.97 318.91 1984 2,455,813 48.20 151.87 384.03 1985 2,461,133 11.52 183.76 397.48 54.30 1986 2,493,667 11.84 48.97 155.92 1987 2,516,111 10.55 343.28 55.06 187.72 11.57 386.13 1988 2,523,928 15.09 534.03 64.98 239.55 1989 2,535,147 119.43 569.33 41.99 1990 15.93 2,558,117 553.36 32.11 67.77 1991 2,564,600 15.55 30.41 58.94 14.44 506.72 1992 2,808,378 29.89 56.20 14.77 520.59 1993 2,808,763 40.19 1994 2,821,276 14.32 501.68 26.83 38.28 505.04 26.46 14.40 1995 2,835,597 1996 15.25 540.76 27.63 44.37 2,975,653 528.57 25.91 35.42 14.96 1997 3,028,637 26.73 39.68 15.22 539.50 1998 3,081,724

^{*} Used estimate and census.

Population Apportionment

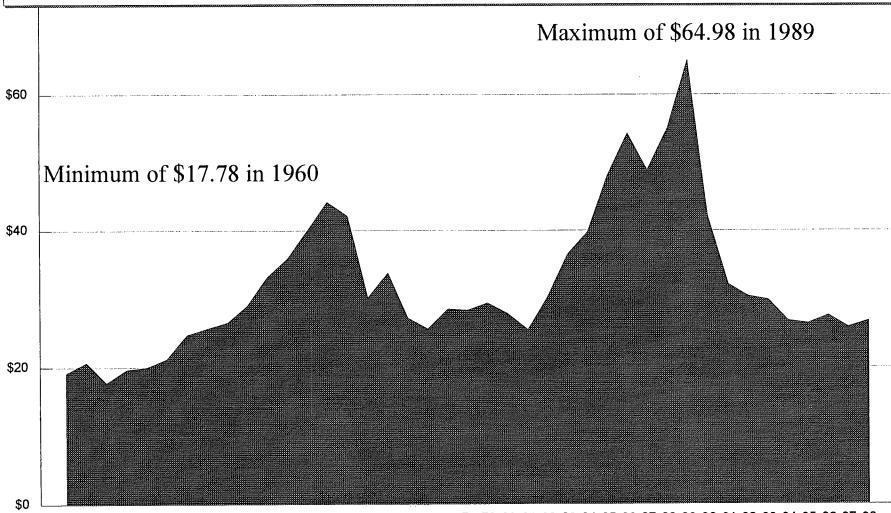


58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98

Apportionment Year

APPORTIONMENT PER \$1000 IN NEEDS

(ADJUSTED NEEDS)



58 59 60 61 62 62 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98

Apportionment Year

APPORTIONMENT COMPARISON PER NEED MILE

	Total Needs	Population Apportionment	Construction Needs Apportionment	Total Apportionment	Average Construction Apportionment	General Maintenance Apport, Per
Municipality	Mileage	Per Need Mile	Per Need Mile	Per Need Mile	Per Need Mile	Improved Mile
Albert Lea	18.65	\$14,947	\$14,430	\$29,377	\$22,033	\$7,344
Alexandria	14.12	9,000	14,080	23,080	17,310	5,878
Andover	34.06	9,607	11,868	21,475	14,983	8,924
Anoka	11.98	22,483	12,821	35,304	26,478	9,474
Apple Valley	31.74	19,942	14,087	34,029	29,710	1,500
Arden Hills	6.93	21,260	15,172	36,432	27,324	10,644
Austin	26.96	12,469	17,294	29,763	27,324 28,271	•
Bemidji	14.40	12,167	14,386	26,553	19,915	1,500
Blaine	32.86	19,934	13,656	33,590		6,638
Bloomington	75.34	17,638	25,617	43,255	25,193 28,116	12,716 15,362
Brainerd	14.25	13,451	44 220			
Brooklyn Center	21.67	20,293	11,226	24,677	18,508	6,239
Brooklyn Park	46.70	19,982	18,641	38,934	28,852	4,153
Buffalo	9.10	15,247	11,309	31,291	23,128	11,102
Burnsville	43.69	19,844	17,529	32,776	31,421	1,500
	45.03	19,044	14,653	34,497	25,873	8,716
Cambridge	7.12	11,452	20,338	31,790	21,374	E 205
Champlin	17.01	17,754	9,976	27,730	20,797	5,285
Chanhassen	21.57	11,433	13,478	24,911	23,762	8,246 1,500
Chaska	13.58	16,109	16,617	32,726	24,544	8,514
Chisholm	7.99	10,079	13,475	23,554	17,483	6,032
Cloquet	19.78	8,592	15,635	24,227	15,591	7.505
Columbia Heights	12.53	22,975	14,292	37,267	•	7,595
Coon Rapids	37.67	24,532	10,795	37,207 35,327	24,224	13,043
Corcoran	14.18	6,028	10,276	16,304	33,898	1,500
Cottage Grove	29.32	15,073	15,980	31,053	10,598 29,684	5,707 1,500
Crookston	11.46	10,829	28,930	20.750	05.000	
Crystal	17.88	20,254	22,533	39,759	35,396	4,363
Dayton	9.28	8,297	22,533 17,711	42,787	32,090	10,757
Detroit Lakes	9.54	11,687	9,976	26,008	24,610	1,500
Duluth	105.89	12,294	9,976 17,953	21,663 30,247	20,163 20,392	1,500 10,450

	1997 Total	Population	Construction Needs	Total	Average Construction	General Maintenance
	Needs	Apportionment	Apportionment	Apportionment	Apportionment	Apport. Per
Municipality	Mileage	Per Need Mile	Per Need Mile	Per Need Mile	Per Need Mile	Improved Mile
Eagan	46.36	\$18,966	\$12,173	\$31,139	\$29,184	\$1,500
East Bethel	25.48	5,480	7,986	13,466	10,099	3,966
East Grand Forks	11.82	11,595	10,962	22,557	16,918	5,761
Eden Prairie	42.66	17,072	14,194	31,266	28,247	2,758
Edina	39.36	18,189	13,266	31,455	23,591	7,864
Elk River	25.78	8,278	15,322	23,600	21,930	1,500
Fairmont	19.38	8,905	24,568	33,473	32,037	1,500
Falcon Heights	2.54	32,269	5,019	37,288	24,237	13,051
Faribault	21.40	13,401	17,869	31,270	23,452	7,817
Farmington	10.65	12,536	20,755	33,291	24,968	16,630
Fergus Falls	21.86	9,108	14,593	23,701	16,474	7,612
Forest Lake	5.53	18,282	18,018	36,300	27,224	9,802
Fridley	25.24	17,090	7,551	24,641	17,249	7,398
Glencoe	6.94	11,398	19,089	30,487	29,153	1,500
Golden Valley	23.55	13,556	15,192	28,748	21,561	7,356
Grand Rapids	11.40	11,172	15,426	26,598	19,949	6,805
Ham Lake	23.55	7,130	9,192	16,322	14,225	1,500
Hastings	16.09	16,009	9,233	25,242	18,931	6,382
Hermantown	12.99	8,359	8,967	17,326	14,247	3,079
Hibbing	50.74	5,414	12,484	17,898	13,394	4,623
Hopkins	9.41	26,960	21,426	48,386	46,897	1,500
Hugo	14.69	5,829	13,255	19,084	14,313	5,290
Hutchinson	14.73	13,009	17,808	30,817	29,393	1,500
International Falls	8.06	15,679	14,179	29,858	28,357	1,500
Inver Grove Heights	23.86	17,215	12,766	29,981	22,485	8,310
Lake Elmo	9.53	9,891	7,051	16,942	15,442	1,500
Lakeville	42.58	12,872	17,430	30,302	28,915	1,500
Lino Lakes	18.67	11,216	16,909	28,125	21,013	13,708
Litchfield	8.06	11,593	17,037	28,630	21,473	7,158
Little Canada	8.09	17,818	19,741	37,559	27,615	9,390
Little Falls	15.67	7,429	14,781	22,210	20,871	1,500
Mahtomedi	6.58	15,883	11,003	26,886	25,400	1,500
Mankato	31.67	15,382	19,429	34,811	26,108	9,203
Maple Grove	41.35	16,566	19,096	35,662	26,746	7,379
Maplewood	22.44	23,071	14,836	37,907	28,430	9,693

	1997		Construction		Average	General
	Total	Population	Needs	Total	Construction	Maintenance
Municipality	Needs	Apportionment	Apportionment	Apportionment	Apportionment	Apport. Per
Marshall	Mileage	Per Need Mile	Per Need Mile	Per Need Mile	Per Need Mile	Improved Mile
Mendota Heights	14.88	\$12,633	\$14,555	\$27,188	\$25,804	\$1,500
Minneapolis	13.51	12,233	10,844	23,077	17,307	6,056
Minnetonka	201.07	27,891	27,431	55,322	35,959	19,597
Montevideo	49.93	15,735	12,958	28,693	27,294	1,500
Montevideo	8.08	10,408	12,454	22,862	21,362	1,500
Monticello	5.99	16,098	13,124	29,222	21,917	10,106
Moorhead	30.09	17,100	19,156	36,256	31,071	5,359
Morris	6.66	12,944	9,436	22,380	16,785	5,595
Mound	8.05	18,334	14,570	32,904	24,678	8,725
Mounds View	9.82	19,826	12,310	32,136	24,102	8,034
New Brighton	14.57	23,597	12,695	36,292	27,219	10.050
New Hope	12.70	26,195	19,511	45,706	29,709	10,853
New Ulm	14.16	14,923	16,320	31,243	29,709	16,073
North Branch	20.88	4,175	12,448	16,623	29,743 12,467	1,500
North Mankato	12.42	14,177	17,223	31,400	29,045	4,317 2,355
North St. Paul	10.68	18,194	13,182	31,376	22.522	
Northfield	12.06	20,019	16,462	36,481	23,532	8,378
Oak Grove	19.5	4,882	9,967	14,849	27,361	10,082
Oakdale	16.72	22,637	14,902	•	13,628	1,500
Orono	12.58	9,169	18,201	37,539 27,370	28,154 20,528	7,771 6,843
Otsego	13.61	7 4 40	45.400	·	·	·
Owatonna	17.56	7,1 4 9 17,839	15,482	22,631	16,973	8,088
Plymouth	48.91	•	16,719	34,558	33,063	1,500
Prior Lake	15.16	18,782	14,260	33,042	31,745	1,500
Ramsey	29.18	13,578	14,648	28,226	21,170	10,927
•	29.10	8,572	11,924	20,496	17,755	4,231
Red Wing	22.59	10,627	19,246	29,873	19,417	11,561
Redwood Falls	7.87	9,989	16,218	26,207	16,886	7,801
Richfield	26.21	20,741	16,266	37,007	27,755	9,550
Robbinsdale	10.33	21,215	13,781	34,996	33,502	1,500
Rochester	60.05	19,576	18,627	38,203	34,040	4,439

	1997		Construction		Average	General
	Total	Population	Needs	Total	Construction	Maintenance
	Needs	Apportionment	Apportionment	Apportionment	Apportionment	Apport. Per
Municipality	Mileage	Per Need Mile	Per Need Mile	Per Need Mile	Per Need Mile	Improved Mile
Rosemount	22.32	\$8,370	\$15,164	\$23,534	\$21,154	\$1,500
Roseville	28.70	18,042	16,128	34,170	25,627	9,111
St. Anthony	5.63	22,713	16,237	38,950	29,213	9,738
St. Cloud	52.22	17,097	16,927	34,024	31,638	1,500
St. Louis Park	28.92	23,144	16,402	39,546	25,705	14,870
St. Michael	14.77	7,086	14,823	21,909	16,432	8,471
St. Paul	159.02	26,062	24,124	50,186	34,628	15,661
St. Paul Park	5.30	14,431	17,268		23,774	7,925
St. Peter	10.59	14,072	17,706	31,778	30,278	1,500
Sartell	6.46	17,768	14,887	32,655	31,432	1,500
Sauk Rapids	10.17	13,948	13,245	27,193	25,770	1,500
Savage	16.36	14,099	20,338	34,437	24,781	1,500
Shakopee	19.38	11,227	13,001	24,228	18,171	7,123
Shoreview	15.51	25,635	10,111	35,746	34,528	1,500
Shorewood	8.24	12,727	13,105	25,832	19,375	6,458
South St. Paul	16.32	18,853	10,331	29,184	21,888	7,648
Spring Lake Park	5.25	19,550	8,359	27,909	20,931	6,977
Stewartville	3.54	21,640	18,530	40,170	38,669	1,500
Stillwater	12.80	18,917	11,622	30,539	22,904	7,774
Thief River Falls	13.99	9,015	21,984	30,999	24,209	6,975
Vadnais Heights	6.86	28,616	7,131	35,747	34,453	1,500
Virginia	12.33	11,644	16,029	27,673	19,726	8,358
Waite Park	6.45	14,090	16,844	30,934	29,469	1,500
Waseca	6.31	20,348	13,061	33,409	31,909	1,500
West St. Paul	13.10	22,603	11,961	34,564	28,457	6,107
 White Bear Lake	20.03	19,774	14,084	33,858	25,393	8,681
Willmar	23.90	11,884	12,225	24,109	17,944	6,138
Winona	21.75	18,626	13,873	32,499	24,375	8,266
Woodbury	38.18	13,328	22,274	35,602	22,417	11,944
Worthington	9.81	16,156	13,388	29,544	28,044	1,500
State total & Avg.	2,815.99	\$15,368	\$15,035	\$30,150	\$24,444	\$7,802

GENERAL FUND ADVANCE

1996 year end construction balance available
Less amount required in account
Maximum amount for advance
Amount advanced to date in 1997
Balance available to advance

\$56,578,107
(40,000,000)
16,578,107
7,864,393
8,713,714

		Resolution	Advance	Repaid	
Municipality	Year	Amount	Amount	Amount	Balance
Alexandria	1996	\$345,000	\$345,000	\$253,782	\$91,218
Arden Hills	1996	332,485	332,485	168,486	163,999
Buffalo	1996	500,000	500,000	278,297	221,703
Bumsville	1997	800,000	115,000	Ó	115,000
Chaska	1997		1,690	0	1,690
Cloquet	1996	315,000	315,000	226,797	88,203
Corcoran	1996	495,717	495,717	139,342	356,375
Eagan	1996	1,312,053	1,067,000	990,395	76,605
Eagan	1997	1,012,790	0	Ô	0
Elk River	1996	500,000	455,482	332,639	122,843
Fairmont	1997	130,000	130,000	Ô	130,000
Golden Valley	1996	884,000	693,664	506,866	186,798
Hastings	1997	500,000	500,000	, 0	500,000
Lakeville	1996	1,319,952	1,495,714	1,216,633	279,081
Little Falls	1997	500,000	500,000	0	500,000
Mahtomedi	1995	382,380	373,134	279,411	93,723
Minnetonka	1997	1,400,000	1,400,000	. 0	1,400,000
Mound	1997	500,000	0	0	, ,
New Hope	1997		2,753	0	2,753
Owatonna	1997	210,000	210,000	0	210,000
St. Cloud	1997	1,000,000	1,000,000	0	1,000,000
St. Louis Park	1997	675,000	675,000	0	675,000
Sartell	1997	300,000	0	0	0
Spring Lake Park	1996	200,109	141,147	20,484	120,663
Vadnais Heights	1997	227,000	116,068	Ô	116,068
White Bear Lake	1997	450,000	450,000	0	450,000
Woodbury	1997	1,300,000.00	962,672	0	962,672
Total		\$15,591,486	\$12,277,526	\$4,413,132	\$7,864,394

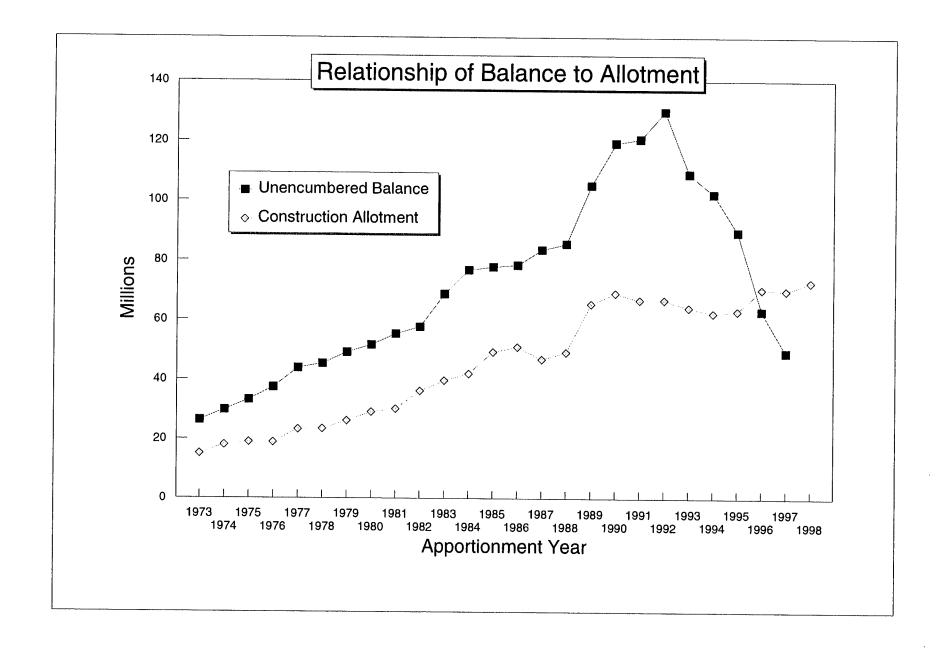
RELATIONSHIP OF CONSTRUCTION BALANCE TO CONSTRUCTION ALLOTMENT

The amount spend on construction projects was computed by the difference between the previous year's unencumbered construction balance plus the years construction apportionment.

				Unencumbered		Amount	Ratio of	Ratio of
				Construction	Construction	Spent	Construction	Amount
App.		No. of	Needs	Balance	Allotment	on	Balance to	spent to
Year		Municipalities	Mileage			Construction	Construction	Amount
		•	3			Projects	Allotment	Received
1973		94	1580.45	\$26,333,918	\$15,164,273	\$12,855,250	1.7366	0.8477
1974		95	1608.06	29,760,552	18,052,386	14,625,752	1.6486	0.8102
1975		99	1629.30	33,239,840	19,014,171	15,534,883	1.7482	0.8170
1976		101	1718.92	37,478,614	18,971,282	14,732,508	1.9755	0.7766
1977		101	1748.55	43,817,240	23,350,429	17,011,803	1.8765	0.7285
1978		104	1807.94	45,254,560	23,517,393	22,080,073	1.9243	0.9389
1979		106	1853.71	48,960,135	26,196,935	22,491,360	1.8689	0.8585
1980		106	1889.03	51,499,922	29,082,865	26,543,078	1.7708	0.9127
1981		106	1933.64	55,191,785	30,160,696	26,468,833	1.8299	0.8776
1982		105	1976.17	57,550,334	36,255,443	33,896,894	1.5874	0.9349
1983		106	2022.37	68,596,586	39,660,963	28,614,711	1.7296	0.7215
1984		106	2047.23	76,739,685	41,962,145	33,819,046		0.8059
1985		107	2110.52	77,761,378	49,151,218	48,129,525	1.5821	0.9792
1986		107	2139.42	78,311,767	50,809,002	50,258,613		0.9892
1987	*	107	2148.07	83,574,312	46,716,190	41,453,645	li de la constantina	0.8874
1988		108	2171.89	85,635,991	49,093,724	47,032,045	§	0.9580
1989		109	2205.05	105,147,959	65,374,509	45,862,541	1.6084	0.7015
1990		112	2265.64	119,384,013	68,906,409	54,670,355		0.7934
1991		113	2330.30	120,663,647	66,677,426	65,397,792	1	0.9808
1992		116	2376.79	129,836,670	66,694,378	57,521,355	1	0.8625
1993		116	2410.53	, ,	64,077,980	84,904,449	1	1.3250
1994		117	2471.04	102,263,355	62,220,930	68,967,776		1.1084
1995		118	2526.39	89,545,533	62,994,481	75,712,303		1.2019
1996		119	2614.71	62,993,508	70,289,831	96,841,856	1	1.3778
1997	**	122	2740.46	49,110,546	69,856,915	83,739,877		1.1987
1998		125	2815.99		72,626,164		0.0000	0.0000

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

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



1997 ADEQUATE & DEFICIENT MILES FOR ALL CITIES

	DISTRICT 1		PERCENT OF TOTAL
MUNICIPALITY	ADEQUATE	DEFICIENT	MILEAGE
	MILES	MILES	DEFICIENT
CHISHOLM	3.75	4.24	53.07 62.79
CLOQUET	7.36	12.42 82.08	77.51
DULUTH	23.81 3.61	62.06 7.79	68.33
GRAND RAPIDS	8.40	4.59	35.33
HERMANTOWN HIBBING	18.73	32.01	63.09
INTERNATIONAL FALLS	2.49	5.57	69.11
VIRGINIA	<u>5.03</u>	<u>7.30</u>	59.21
DISTRICT 1	73.18	156.00	68.07
	DISTRICT 2		PERCENT
			OF TOTAL
MUNICIPALITY	ADEQUATE	DEFICIENT	MILEAGE
	MILES	MILES	DEFICIENT
BEMIDJI	6.35	8.05	55.90
CROOKSTON	5.24	6.22	54.28
EAST GRAND FORKS	6.76	5.06	42.81
THIEF RIVER FALLS	<u>3.52</u>	<u>10.47</u>	<u>74.84</u> 57.67
DISTRICT 2	21.87	29.80	57.67
	DISTRICT 3		PERCENT
	ADEQUATE	DEFICIENT	OF TOTAL MILEAGE
MUNICIPALITY	ADEQUATE MILES	MILES	DEFICIENT
BRAINERD	6.21	8.04	56.42
BUFFALO	2.27	6.83	75.05
BOLLACO			
CAMBRIDGE	2.80	4.32	60.67
CAMBRIDGE FLK RIVFR	2.80 9.22	4.32 16.56	60.67 64.24
ELK RIVER	2.80 9.22 6.87		64.24 56.16
ELK RIVER LITTLE FALLS	9.22	16.56	64.24 56.16 76.13
ELK RIVER	9.22 6.87	16.56 8.80	64.24 56.16 76.13 83.98
ELK RIVER LITTLE FALLS MONTICELLO	9.22 6.87 1.43 2.18 1.84	16.56 8.80 4.56 11.43 4.62	64.24 56.16 76.13 83.98 71.52
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO	9.22 6.87 1.43 2.18 1.84 4.95	16.56 8.80 4.56 11.43 4.62 5.22	64.24 56.16 76.13 83.98 71.52 51.33
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD	9.22 6.87 1.43 2.18 1.84 4.95 18.70	16.56 8.80 4.56 11.43 4.62 5.22 33.52	64.24 56.16 76.13 83.98 71.52 51.33 64.19
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD ST MICHAEL	9.22 6.87 1.43 2.18 1.84 4.95 18.70 0.00	16.56 8.80 4.56 11.43 4.62 5.22 33.52 14.77	64.24 56.16 76.13 83.98 71.52 51.33 64.19 100.00
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD ST MICHAEL WAITE PARK	9.22 6.87 1.43 2.18 1.84 4.95 18.70 0.00 <u>3.43</u>	16.56 8.80 4.56 11.43 4.62 5.22 33.52 14.77 3.02	64.24 56.16 76.13 83.98 71.52 51.33 64.19 100.00 46.82
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD ST MICHAEL	9.22 6.87 1.43 2.18 1.84 4.95 18.70 0.00	16.56 8.80 4.56 11.43 4.62 5.22 33.52 14.77	64.24 56.16 76.13 83.98 71.52 51.33 64.19 100.00 46.82
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD ST MICHAEL WAITE PARK	9.22 6.87 1.43 2.18 1.84 4.95 18.70 0.00 <u>3.43</u>	16.56 8.80 4.56 11.43 4.62 5.22 33.52 14.77 3.02	64.24 56.16 76.13 83.98 71.52 51.33 64.19 100.00 46.82 67.01
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD ST MICHAEL WAITE PARK DISTRICT 3	9.22 6.87 1.43 2.18 1.84 4.95 18.70 0.00 3.43 59.90	16.56 8.80 4.56 11.43 4.62 5.22 33.52 14.77 3.02 121.69	64.24 56.16 76.13 83.98 71.52 51.33 64.19 100.00 46.82 67.01 PERCENT OF TOTAL
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD ST MICHAEL WAITE PARK	9.22 6.87 1.43 2.18 1.84 4.95 18.70 0.00 3.43 59.90 DISTRICT 4	16.56 8.80 4.56 11.43 4.62 5.22 33.52 14.77 3.02 121.69	64.24 56.16 76.13 83.98 71.52 51.33 64.19 100.00 46.82 67.01 PERCENT OF TOTAL MILEAGE
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD ST MICHAEL WAITE PARK DISTRICT 3	9.22 6.87 1.43 2.18 1.84 4.95 18.70 0.00 3.43 59.90 DISTRICT 4 ADEQUATE MILES	16.56 8.80 4.56 11.43 4.62 5.22 33.52 14.77 3.02 121.69 DEFICIENT MILES	64.24 56.16 76.13 83.98 71.52 51.33 64.19 100.00 46.82 67.01 PERCENT OF TOTAL MILEAGE DEFICIENT
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD ST MICHAEL WAITE PARK DISTRICT 3 MUNICIPALITY ALEXANDRIA	9.22 6.87 1.43 2.18 1.84 4.95 18.70 0.00 3.43 59.90 DISTRICT 4 ADEQUATE MILES 5.99	16.56 8.80 4.56 11.43 4.62 5.22 33.52 14.77 3.02 121.69 DEFICIENT MILES 8.13	64.24 56.16 76.13 83.98 71.52 51.33 64.19 100.00 46.82 67.01 PERCENT OF TOTAL MILEAGE DEFICIENT 57.58
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD ST MICHAEL WAITE PARK DISTRICT 3 MUNICIPALITY ALEXANDRIA DETROIT LAKES	9.22 6.87 1.43 2.18 1.84 4.95 18.70 0.00 3.43 59.90 DISTRICT 4 ADEQUATE MILES 5.99 5.79	16.56 8.80 4.56 11.43 4.62 5.22 33.52 14.77 3.02 121.69 DEFICIENT MILES 8.13 3.75	64.24 56.16 76.13 83.98 71.52 51.33 64.19 100.00 46.82 67.01 PERCENT OF TOTAL MILEAGE DEFICIENT 57.58 39.31
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD ST MICHAEL WAITE PARK DISTRICT 3 MUNICIPALITY ALEXANDRIA DETROIT LAKES FERGUS FALLS	9.22 6.87 1.43 2.18 1.84 4.95 18.70 0.00 3.43 59.90 DISTRICT 4 ADEQUATE MILES 5.99 5.79 7.76	16.56 8.80 4.56 11.43 4.62 5.22 33.52 14.77 3.02 121.69 DEFICIENT MILES 8.13 3.75 14.10	64.24 56.16 76.13 83.98 71.52 51.33 64.19 100.00 46.82 67.01 PERCENT OF TOTAL MILEAGE DEFICIENT 57.58 39.31 64.50
ELK RIVER LITTLE FALLS MONTICELLO OTSEGO SARTELL SAUK RAPIDS ST CLOUD ST MICHAEL WAITE PARK DISTRICT 3 MUNICIPALITY ALEXANDRIA DETROIT LAKES	9.22 6.87 1.43 2.18 1.84 4.95 18.70 0.00 3.43 59.90 DISTRICT 4 ADEQUATE MILES 5.99 5.79	16.56 8.80 4.56 11.43 4.62 5.22 33.52 14.77 3.02 121.69 DEFICIENT MILES 8.13 3.75	64.24 56.16 76.13 83.98 71.52 51.33 64.19 100.00 46.82 67.01 PERCENT OF TOTAL MILEAGE

	METRO WEST		PERCENT
MUNICIPALITY	ADEQUATE	DEFICIENT	OF TOTAL MILEAGE
ANDOVER	MILES	MILES	DEFICIENT
ANOKA	15.02	19.04	55.90
BLAINE	3.90	8.08	67.45
BLOOMINGTON	13.65	19.21	58.46
BROOKLYN CENTER	20.52	54.82	72.76
BROOKLYN PARK	6.70	14.97	69.08
CHAMPLIN	19.66	27.04	57.90
CHANHASSEN	11.00	6.01	35.33
CHASKA	8.45	13.12	60.83
COLUMBIA HEIGHTS	5.14	8.44	62.15
COON RAPIDS	3.37	9.16	73.10
CORCORAN	20.91	16.76	44.49
CRYSTAL	2.47	11.71	82.58
DAYTON	3.79	14.09	78.80
EAST BETHEL	0.39	8.89	95.80
EDEN PRAIRIE	14.70	10.78	42.31
EDINA	17.21	25.45	59.66
FRIDLEY	10.57	28.79	73.15
GOLDEN VALLEY	11.21	14.03	55.59
HAM LAKE	9.67	13.88	58.94
HOPKINS	11.97	11.58	49.17
LINO LAKES	2.11	7.30	77.58
MAPLE GROVE	2.58	16.09	86.18
MINNEAPOLIS	20.52	20.83	50.37
MINNETONKA	52.22	148.85	74.03
MOUND	19.35	30.58	61.25
NEW HOPE	2.30 2.85	5.75	71.43
OAK GROVE	4.38	9.85	77.56
ORONO	4.30 1.96	15.12	77.54
PLYMOUTH	23.34	10.62	84.42
PRIOR LAKE		25.57	52.28
RAMSEY	5.26 13.23	9.90	65.30
RICHFIELD	4.99	15.95	54.66
ROBBINSDALE		21.22	80.96
SAVAGE	4.61 6.56	5.72	55.37
SHAKOPEE	9.20	9.80	59.90
SHOREWOOD		10.18	52.53
SPRING LAKE PARK	0.55	7.69	93.33
ST ANTHONY	4.01	1.24	23.62
ST LOUIS PARK	1.39	4.24	75.31
METRO WEST	<u>10.30</u> 402.01	<u>18.62</u> 730.97	64.38 64.52

	DISTRICT 6		PERCENT OF TOTAL
MUNICIPALITY	ADEQUATE	DEFICIENT	MILEAGE
	MILES	MILES	DEFICIENT
ALBERT LEA	7.09	11.56	61.98
AUSTIN	12.31	14.65	54.34
FARIBAULT	9.81	11.59	54.16
NORTHFIELD	4.00	8.06	66.83
OWATONNA	8.56	9.00	51.25
RED WING	6.26	16.33	72.29
ROCHESTER	23.26	36.79	61.27
STEWARTVILLE	0.83	2.71	76.55
WINONA	<u>6,76</u>	<u>14.99</u>	<u>68.92</u>
DISTRICT 6	78.88	125.68	61.44
	DISTRICT 7		PERCENT
			OF TOTAL
MUNICIPALITY	ADEQUATE	DEFICIENT	MILEAGE
	MILES	MILES	DEFICIENT
FAIRMONT	4.61	14.77	76.21
MANKATO	11.95	19.72	62.27
NEW ULM	5.66	8.50	60.03
NORTH MANKATO	6.44	5.98	48.15
ST PETER	2.82	7.77	73.37
WASECA	3.68	2.63	41.68
WORTHINGTON	2.71	<u>7.10</u>	<u>72.38</u>
DISTRICT 7	37.87	66.47	63.71
	DISTRICT 8		PERCENT
			OF TOTAL
MUNICIPALITY	ADEQUATE	DEFICIENT	MILEAGE
	MILES	MILES	DEFICIENT
GLENCOE	0.74	6.20	89.34
HUTCHINSON	6.04	8.69	59.00
LITCHFIELD	2.17	5.89	73.08
MARSHALL	6.88	8.00	53.76
MONTEVIDEO	3.84	4.24	52.48
REDWOOD FALLS	1.59	6.28	79.80
WILLMAR	<u>12.53</u>	<u>11.37</u>	<u>47.57</u>
	33.79	50.67	59.99

	METRO EAST		PERCENT
			OF TOTAL
MUNICIPALITY	ADEQUATE	DEFICIENT	MILEAGE
ADDLE VALLEY	MILES	MILES	DEFICIENT
APPLE VALLEY	16.87	14.87	46.85
ARDEN HILLS BURNSVILLE	2.39	4.54	65.51
COTTAGE GROVE	24.53	19.16	43.85
	14.52	14.80	50.48
EAGAN	31.52	14.84	32.01
FALCON HEIGHTS	1.86	0.68	26.77
FARMINGTON	1.42	9.23	86.67
FOREST LAKE	0.92	4.61	83.36
HASTINGS	10.07	6.02	37.41
HUGO	2.68	12.01	81.76
INVER GROVE HEIGHTS	8.62	15.24	63.87
LAKE ELMO	5.37	4.16	43.65
LAKEVILLE	14.94	27.64	64.91
LITTLE CANADA	2.17	5.92	73.18
MAHTOMEDI	2.94	3.64	55.32
MAPLEWOOD	6.60	15.84	70.59
MENDOTA HEIGHTS	5.43	8.08	59.81
MOUNDS VIEW	3.85	5.97	60.79
NEW BRIGHTON	4.01	10.56	72.48
NORTH BRANCH	0.25	20.63	98.80
NORTH ST PAUL	3.83	36.85	64.14
OAKDALE	8.50	8.22	49.16
ROSEMOUNT	8.34	13.98	62.63
ROSEVILLE	15.12	13.58	47.32
SHOREVIEW	9.39	6.12	39.46
SOUTH ST PAUL	7.85	8.47	51.90
ST PAUL	49.53	109.49	68.85
ST PAUL PARK	0.51	4.79	90.38
STILLWATER	7.02	5.78	45.16
VADNAIS HEIGHTS	4.77	2.09	30.47
WEST ST PAUL	7.59	5.51	42.06
WHITE BEAR LAKE	8.40	11.63	58.06
WOODBURY	<u>16.94</u>	21.24	<u>55.63</u>
METRO EAST	308.75	436.19	58.55
1997 TOTAL	1,053.25	1,762.74	62.60%
1996 TOTAL	1,026.61	1,713.85	62.54%
DIFFERENCE	26.64	48.89	0.06%

PERCENTAGE OF DESIGNATED MILEAGE

Mileage is based on certified mileage.
This spreadsheet does not include 1997 designations.
Note that 20% of local and county road mileage is allowed for designation plus county and Trunk Highway Turnback.

	Total Mileage	Total 1996	%	Total	% of City's	Total 1996	% of Total Miles
	Allowed for	M.S.A.S.	Miles	Turnback	Total Miles	M.S.A.S. Miles	Designated
•	Designation	Miles Desig.	Desig.	Mileage Designated	Designated	Designated	Designated
	20% Of Local	Within	Within	Designated		Designated	
Municipality	& County Road	20%	20%	Above 20%	Above 20%		
Albert Lea	19.37	18.65	19.2566	0.00	0.0000	18.65	19.2566
Alexandria	12.34	12.32	19.9676	1.80	2.9173	14.12	22.8849
Andover	NO 1996 CERTIFI						
Anoka	13.00	11.62	17.8769	0.41	0.6308	12.03	18.5077
Apple Valley	32.41	31.25	19.2842	0.00	0.0000	31.25	19.2842
					0.5005	0.45	10 5000
Arden Hills	6.30	5.98	18.9841	0.17	0.5397	6.15	19.5238
Austin	22.26	22.03	19.7934	4.71	4.2318	26.74	24.0252 20.2949
Bemidji	14.24	13.25	18.6096	1.20 0.00	1.6854 0.0000	14.45 32.86	19.0659
Blaine	34.47	32.86	19.0659 19.8701	1.29	0.0000	74.69	20.2193
Bloomington	73.88	73.40	19.0/01	1.23	0.5432	74.03	20.2100
Brainerd	14.71	14.25	19.3746	0.00	0.0000	14.25	19.3746
Brooklyn Center	21.16	21.06	19.9055	0.52	0.4915	21.58	20.3970
Brooklyn Park	42.32	40.94	19.3478	4.48	2.1172	45.42	21.4650
Buffalo	9.38	9.10	19.4030	0.00	0.0000	9.10	19.4030
Burnsville	44.25	43.69	19.7469	0.00	0.0000	43.69	19.7469
Cambridge	7.20	5.84	16.2222	2.15	5.9722	7.99	22.1944
Champlin	17.07	16.92	19.8243	0.62	0.7264	17.54	20.5507
Chanhassen	21.55	20.59	19.1090	0.99	0.9188	21.58	
Chaska	14.10	13.73	19.4752	0.00	0.0000	13.73	
Chisholm	7.27	6.96	19.1472	0.72	1.9807	7.68	21.1279
Cloquet	17.70	18.05	20.3955	1.75	1.9774	19.80	22.3729
Columbia Heights	11.77	11.65	19.7961	0.90	1.5293	12.55	
Coon Rapids	43.34	36.23	16.7190	1.44	0.6645	37.67	17.3835
Corcoran	NO 1996 CERTIF	ICATION OF I					_
Cottage Grove	30.02	29.32	19.5336	0.00	0.0000	29.32	19.5336
Crookston	9.93	9.89	19.9194	1.58	3.1823	11.47	23.1017
Crystal	17.94	17.69	19.7213	0.00	0.0000	17.69	19.7213
Dayton	9.37	9.28	19.8079	0.00	0.0000	9.28	
Detroit Lakes	10.01	9.54	19.0609	0.00	0.0000		
Duluth	86.42	78.14	18.0838	27.75	6.4221	105.89	24.5059
Eagan	45.06	43.92	19.4940	0.72	0.3196	44.64	19.8136
East Bethel	25.78	24.66	19.1311	0.00	0.0000		
East Grand Forks	9.15	9.09	19.8689	3.39	7.4098		
Eden Prairie	41.19	40.52	19.6747		1.0391	42.66	20.7138
Edina	NO 1996 CERTIF						
Elk Biver	24.56	23.34	19.0065	1.24	1.0098	24.58	20.0163
Elk River Fairmont	13.58	13.54	19.9411	5.84			
Falcon Heights Faribault Farmington	2.64 19.59 11.12	2.54 19.07 10.26	19.2424 19.4691 18.4532	2.39	2.4400	21.46	21.9091

	Total Mileage	Total 1996	%	Total	% of City's	Total 1996	% of
•	Allowed for	M.S.A.S.	Miles	Turnback	Total Miles	M.S.A.S.	% Of Total Miles
	Designation	Miles	Desig.	Mileage	Designated	Miles	Designated
	`	Desig.	-	Designated		Designated	Designated
	20% Of Local	Within	Within	J			
Municipality	& County Road	20%	20%	Above 20%	Above 20%		
Fergus Falls	15.75	14.30	18.1587	7.45	9.4603	21.75	27.6190
Forest Lake	5.79	5.54	19.1364	0.00	0.0000	5.54	19.1364
Fridley	25.22	25.18	19.9683	0.00	0.0000	25.18	19.9683
Glencoe	6.98	6.94	19.8854	0.00	0.0000	6.94	19.8854
Golden Valley	23.93	23.49	19.6323	0.00	0.0000	23.49	19.6323
Grand Rapids	NO 1996 CERTIFI	CATION OF M	IILEAGE RE	CEIVED			
Ham Lake	23.61	22.85	19.3562	0.00	0.0000	22.85	19.3562
Hastings	15.71	13.18	16.7791	1.26	1.6041	14.44	18.3832
Hermantown	13.18	12.99	19.7117	0.00	0.0000	12.99	19.7117
Hibbing	48.60	47.98	19.7449	2.72	1.1193	50.70	20.8642
Hopkins	9.55	9.41	19.7068	0.00	0.0000	9.41	19.7068
Hugo	15.46	15.23	19.6960	0.00	0.0000	15.23	19.6960
Hutchinson	11.78	11.40	19.3548	3.02	5.1273	14.42	24.4822
International Falls	8.10	8.05	19.8765	0.00	0.0000	8.05	19.8765
Inver Grove Heights	NO 1996 CERTIFI			CEIVED	0.0000	0.03	19.0700
Lake Elmo	10.69	9.52	17.8110	0.00	0.0000	9.52	17.8110
Lakeville	36.86	35.88	19.4683	5.78	3.1362	41.66	
Lino Lakes	18.53	15.57	16.8052	0.28	0.3022		22.6044
Litchfield	8.13	8.03	19.7540	0.20	0.0000	15.85	17.1074
Little Canada	5.89	5.82	19.7623	0.95	3.2258	8.03 6.77	19.7540 22.9881
Little Falls	12.58	10.62	16.8839	3.12	4.9603	13.74	21.8442
Mahtomedi	6.69	4.63	13.8416	0.00	0.0000	4.63	13.8416
Mankato	23.78	25.42	21.3793	6.41	5.3911	31.83	26.7704
Mapie Grove	41.49	40.85	19.6915	0.50	0.2410	41.35	
Maplewood	22.31	18.44	16.5307	1.57	1.4074	20.01	19.9325 17.9381
Marshall	11.47	11.35	19.7908	3.60	6.2772	14.05	00.0000
Mendota Heights	13.60	13.51	19.8676	3.99	5.8676	14.95	26.0680
Minneapolis	189.70	188.31	19.8535	7.49		17.50	25.7353
Minnetonka	50.34	49.93	19.8371	0.00	0.7897 0.0000	195.80	20.6431
Montevideo	8.69	7.61	17.5144	0.00	0.0000	49.93 7.61	19.8371 17.5144
Monticello .	7.32	5.99	16.0001	0.00	0.0000		
Moorhead	26.69	27.03	16.3661	0.00	0.0000	5.99	16.3661
Morris	6.94	6.66	20.2548	2.99	2.2405	30.02	22.4953
Mound	8.13	8.05	19.1931	0.00	0.0000	6.66	19.1931
Mounds View	8.53	8.44	19.8032 19.7890	0.00 1.50	0.0000 3.5170	8.05 9.94	19.8032 23.3060
New Brighton	14.10	10.04	10.0001				
New Hope	14.12 12.79	13.84	19.6034	0.73	1.0340	14.57	20.6374
New Ulm	12.79 15.07	12.72	19.8905	0.00	0.0000	12.72	19.8905
North Branch		13.58	18.0226	0.58	0.7697	14.16	18.7923
North Mankato	17.23 10.53	16.81 9.96	19.5125	4.07	4.7243	20.88	24.2368
	10.55	3.30	18.9174	1.90	3.6087	11.86	22.5261
lorth St. Paul Iorthfield	8.54	7.95	18.6183	2.74	6.4169	10.69	25.0351
	11.41	10.45	18.3173	0.80	1.4023	11.25	19.7195
Oak Grove	20.03	19.50	19.4708	0.00	0.0000	19.50	19.4708
)akdale	17.72	16.72	18.8713	0.00	0.0000	16.72	18.8713
Prono	12.75	12.58	19.7333	0.00	0.0000	12.58	19.7333

	Total Mileage	Total 1996	%	Total	% of City's	Total 1996	% of
	Allowed for	M.S.A.S.	Miles	Turnback	Total Miles	M.S.A.S.	Total Miles
	Designation	Miles	Desig.	Mileage	Designated	Miles Designated	Designated
<u>.</u>	000/ 041!	Desig. Within	Within	Designated		Designated	
Maniainality	20% Of Local & County Road	20%	20%	Above 20%	Ahove 20%		
Municipality Otsego	13.61	13.08	19.2212	0.00	0.0000	13.08	19.2212
Owatonna	20.38	17.58	17.2522	0.00	0.0000	17.58	17.2522
Plymouth	51.92	48.91	18.8405	0.00	0.0000	48.91	18.8405
Prior Lake	15.76	15.39	19.5305	0.00	0.0000	15.39	19.5305
	30.15	29.74	19.7280	0.00	0.0000	29.74	19.7280
Ramsey	00.10	20.74	10.7200	0.00	0.000		
Red Wing	22.01	22.26	20.2272	0.50	0.4543	22.76	20.6815
Redwood Falls	7.87	7.87	20.0000	0.00	0.0000	7.87	20.0000
Richfield	26.43	25.76	19.4930	0.00	0.0000	25.76	19.4930
Robbinsdale	10.01	10.33	20.6394	0.55	1.0989	10.88	21.7383
Rochester	60.35	55.20	18.2933	0.00	0.0000	55.20	18.2933
Rosemount	19.03	18.04	18.9595	3.02	3.1739	21.06	22.1335
Roseville	NO 1996 CERTIFI						04 0040
St. Anthony	5.39	5.18	19.2208	0.48	1.7811	5.66	
St. Cloud	46.79	45.50	19.4486	6.73	2.8767	52.23	
St. Louis Park	28.19	25.76	18.2760	3.16	2.2419	28.92	20.5179
St. Michael	14.98	14.77	19.7196	0.00	0.0000	14.77	19.7196
St. Paul	155.12	148.60	19.1594	9.95	1.2829	158.55	
St. Paul Park	5.45	5.30	19.4495	0.00	0.0000	5.30	
St. Peter	8.67	8.31	19.1696	2.28	5.2595	10.59	
Sartell	7.32	6.46	17.6503	0.00	0.0000	6.46	17.6503
					0.4705	40.47	04.0040
Sauk Rapids	9.39	9.15	19.4888	1.02	2.1725 0.0000	10.17 14.55	
Savage	16.36	14.55	17.7873	0.00	0.0000	18.94	
Shakopee	20.09	18.94	18.8552	0.00	0.0000	10.54	10.0332
Shoreview Shorewood	NO 1996 CERTIFICATION OF MILEAGE RECEIVED NO 1996 CERTIFICATION OF MILEAGE RECEIVED						
Shorewood	140 1930 OLITINI	OATION OF I	III LAGE III	.02.725			
South St. Paul	14.80	14.72	19.8919	2.21	2.9865	16.93	
Spring Lake Park	5.45	5.25	19.2661	0.00	0.0000		
Stewartville	3.54	3.54	20.0000	0.00			
Stillwater	14.37	12.80	17.8149	0.00			
Thief River Falls	11.90	11.47	19.2773	2.09	3.5126	13.56	22.7899
Vadnais Heights	NO 1996 CERTIF	ICATION OF I	MILEAGE RE	CEIVED			
Virginia	12.40	12.40	20.0000		3.7903	14.75	23.7903
Waite Park	5.95	5.95	20.0000		1.7143		
Waseca	6.97	6.31	18.1062				
West St. Paul	12.35	12.12	19.6275		1.5870		
	00	- 					
White Bear Lake	18.58	18.34	19.7417				
Willmar	18.48	19.57	21.1797			23.96	
Winona	21.86	21.75	19.8994				
Woodbury	38.55	35.71	18.5266				
Worthington	10.83	9.81	18.1163				
TOTALS	2529.96	2424.75	19.1682	173.17	20.58	2597.92	20.5372

CURRENT RESOLUTIONS OF THE MUNICIPAL SCREENING BOARD

October 1997

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 \$453,040 (not to exceed 1/2 of 1% of the 1997 MSAS Apportionment sum of \$90,608,066) shall be set aside from the 1998 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.

Any new city which has determined their eligible mileage, but does not have an approved State Aid System, their money needs will be determined at the cost per mile of the lowest other city.

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

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

Construction Accomplishments - Oct. 1988 (Revised June 1993)

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

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

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

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

That any bridge construction project shall cause the needs of the affected bridge to be removed for a period of 35 years from the project letting date or date of force account agreement. At the end of the 35 year period, needs for complete reconstruction of the bridge will be reinstated in the needs study at the initiative of the Municipal Engineer. If, during the period that complete bridge needs are being received the bridge is improved with a bituminous overlay, the municipality will continue to receive complete needs but shall have the non-local cost of the overlay deducted from its total needs for a period of ten (10) years.

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

In the event that a M.S.A.S route earning "After the Fact" needs is removed from the M.S.A. system, then, the "After the Fact" needs shall be removed from the needs study,

except if transferred to another state system. No adjustment will be required on needs earned prior to the revocation.

Population Apportionment - October 1994,1996

Be it resolved that beginning with calendar year 1996, the MSA 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 MSA 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)

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 streets less Trunk

Highway, County State Aid Highways, and any Trunk Highway and/or County Road Turnback designated as excess Municipal State Aid mileage.

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

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 except the Division of State Aid will recompute available mileage, as necessary, to accomplish turnbacks. 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 county roads and local streets 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.

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

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

A Municipality which accepts a county road turnback after May 11,1994 and designates it as an MSA Street will no longer have that mileage considered as basic mileage for purposes of determining allowable mileage. This will result in a reduction in allowable mileage of 20% of that county road turnback which partially offsets the affect of adding the county road turnback to the MSA system.

Excess mileage on the MSA 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 COST

Construction Item Unit Prices - (Revised Annually)
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Right of Way (Needs only)	\$ 60,000.00 Acre
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tion)	\$	3.00 Cu. Yd.		
Spec. #22	11 \$	4.70 Ton		
Spec. #22	11	6.20 Ton		
nous Spec. #233	31	20.50 Ton		
nous Spec. #233	31 \$	20.50 Ton		
nous Spec. #23	41	23.60 Ton		
nous Spec. #23	61	30.10 Ton		
Spec. #22	21 \$	8.50 Ton		
Sewer Construction	\$2	\$229,700.00 Mile		
Storm Sewer Adjustment		71,200.00 Mile		
•		28,490.00 Mile		
Traffic Signals		20,000 to 80,000.00 Mile		
	Spec. #222 nous Spec. #233 nous Spec. #233 nous Spec. #234 nous Spec. #236 Spec. #222 Sewer Construction Sewer Adjustment Drainage-Rural	Spec. #2211 Spec. #2311 nous Spec. #2331 spec. #2331 spec. #2331 spec. #2341 nous Spec. #2361 Spec. #2221		

Signal Needs Based On Projected Traffic

Digital Needs Dased e	m rojected rid	1110			
Projected Traffic	Percentage X	Unit Price = Need	s Per Mile		
0 - 4,999	.25	\$80,000 =	\$20,00	0.00 Mile	
5,000 - 9,999	.50	\$80,000 =	\$40,00	0.00 Mile	
10,000 & Over	1.00	\$80,000 =	\$80,00	00.00 Mile	
Stree	t Lighting		20,00	0.00 Mile	
Curb & Gutter Construction				6.00 Lin. Ft.	
Sidewalk Construction			1	16.50 Sq. Yd.	
Engineering				18%	
Removal Item	ıs:				
Curb	& Gutter		\$	1.80 Lin. Ft.	
Sidewalk				4.75 Sq. Yd.	
Concrete Pavement				4.20 Sq. Yd.	
Tree Removal			17	75.00 Unit	

STRUCTURES

Bridge Costs - Oct. 1961 (Revised Annually)

That for the study of needs on the Municipal State Aid Street System, bridge costs shall be computed as follows:

Bridges 0 to 149 Ft.	\$ 55.00 Sq. Ft.
Bridges 150 to 499 Ft.	55.00 Sq. Ft.
Bridges 500 & Over	55.00 Sq. Ft.

"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.

Bridge Width & Costs - (Revised Annually)

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

Railroad Over Highway

Number of Tracks - 1	\$5,000 Lin. Ft.
Each Additional Track	\$4,000 Lin. Ft.

RAILROAD CROSSINGS

Railroad Crossing Costs - (Revised Annually)

That for the study of needs on the Municipal State Aid Street System, the following costs shall be used in computing the needs of the proposed Railroad Protection Devices:

Railroad Grade Crossings

Signals - (Single track - low speed) \$ 80,000 Unit

Signals and Gates(Multiple Track - high	\$ 110,000 Unit
Signs Only & (low speed)	\$ 800 Unit
Rubberized Railroad Crossings (Per Track)	\$ 750 Lin. Ft.
Pavement Marking	\$ 750 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.

	Cost For Under 1000 Vehicles Per Day	Cost For Over 1000 Vehicles Per Day
Traffic Lanes: \$1,320 Segment length times number of traffic lanes times cost per mile.	\$2,200 (Per Mile)	(Per Mile)
Parking Lanes: Segment length times number of parking lanes times cost per mile.	\$1,320 (Per Mile)	\$1,320 (Per Mile)
Median Strip:	\$ 440	\$ 880
Segment length times cost per mile.	(Per Mile)	(Per Mile)
Storm Sewer: Segment length times cost per mile.	\$ 440 (Per Mile)	\$ 440 (Per Mile)
Traffic Signals: Number of traffic signals times cost for each signal.	\$ 440 (Per Each)	\$ 440 (Per Each)
Unlimited Segments: Normal M.S.A.S. Streets.		
Minimum allowance for mile is determined by segment length times cost per mile.	\$4,400 (Per Mile)	\$4,400 (Per Mile)
Limited Segments: Combination Routes.		
Minimum allowance for mile is determined by segment length times cost per mile.	\$2,200 (Per Mile)	\$2,200 (Per Mile)

NEEDS ADJUSTMENTS

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

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

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

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

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

Effective January 1, 1996

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

<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.

<u>Trunk Highway Turnback</u> - 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 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.

<u>Traffic Counting</u> - 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.

/26/98 Page 1 CITY ENGINEERS

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Alexandria City Engineer

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DIST: R. Brown, Metro Division

Gordon 186

Sple Valley City Engineer

Arden Hills City Engineer

BRW Inc

35 West TH 36

Paul MN 55113

Sple Valley City Engineer

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Minneapolis MN 55415

Sple Valley City Engineer

BRW Inc

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 Bemidji MN 56601-3116

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 DIST: Lou Tasa, Dist. 2

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Raine City Engineer
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Bloomington City Engineer
Ronald Rudrud 107
Ronald Rudrud
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ST: Dist. 3
DIST: R. Brown, Metro Division

1/26/98 Page 2 CITY ENGINEERS

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