

MN DEPT OF TRANSPORTATION



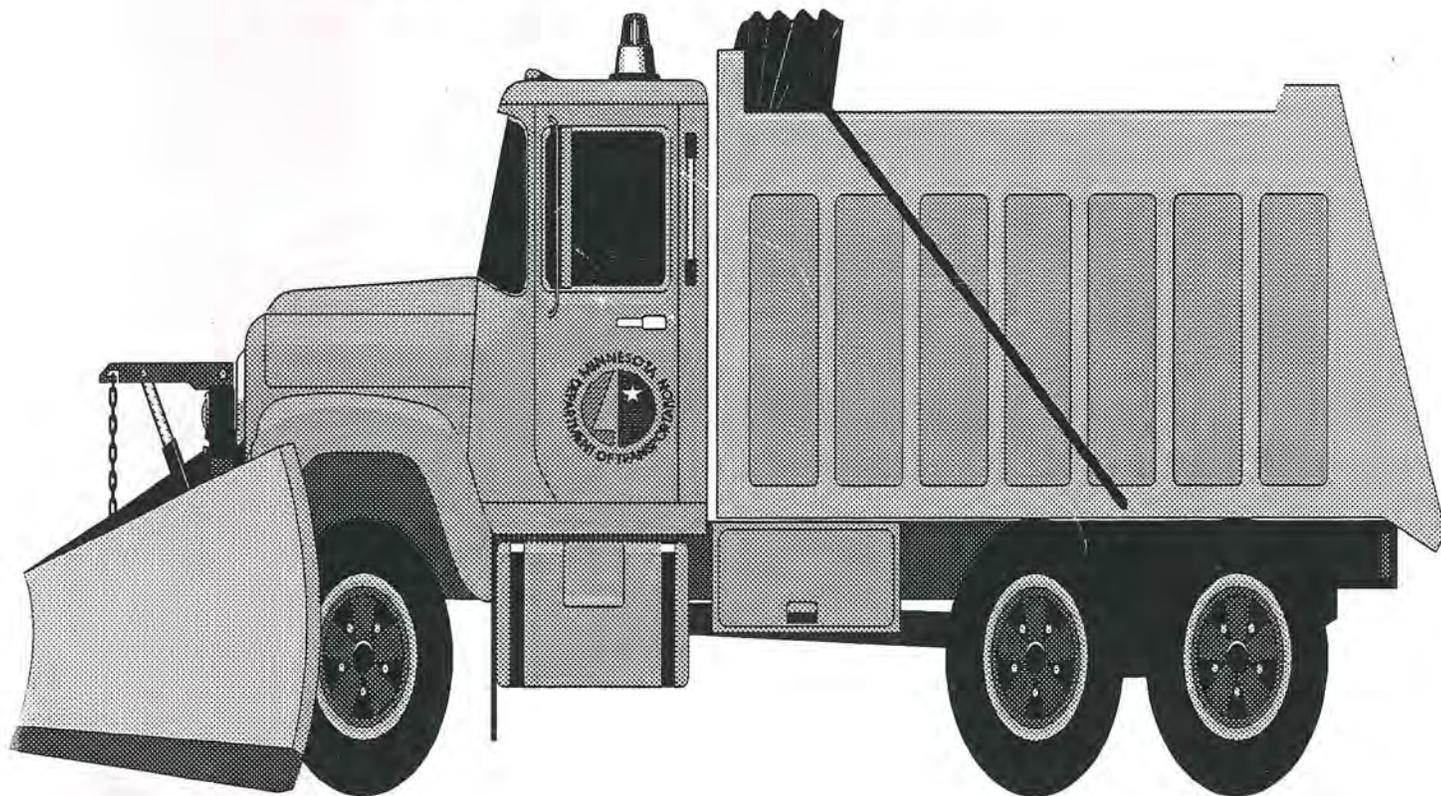
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1995

MUNICIPAL STATE AID

NEEDS REPORT



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OCTOBER, 1995

October 1995

(612) 296-1662

TO : Municipal Engineers

SUBJECT : 1995 Municipal State Aid Needs Report

Enclosed is a copy of the 1995 Municipal State Aid Needs Report, which will be reviewed October 24 & 25 by the Screening Board to make a final determination of the money needs.

This report has been compiled by the Municipal State Aid Needs Unit in conjunction with the Office of Finance. If you have any questions or suggestions concerning this data, please contact me at the above number.

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.

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

Sincerely,



**Kenneth Straus
Municipal State Aid Needs Unit**

**Enclosures:
1995 Municipal State Aid Needs Report**

PREFACE

The "1995 Municipal State Aid Needs Report" is presented to the Municipal Screening Board for use in making their annual money needs recommendation to the Commissioner of Transportation.

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

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

Design is established by State Aid Standards based on traffic, and the money needs are calculated using the unit prices as determined by the Municipal Screening Board at their spring meeting in June, 1995.

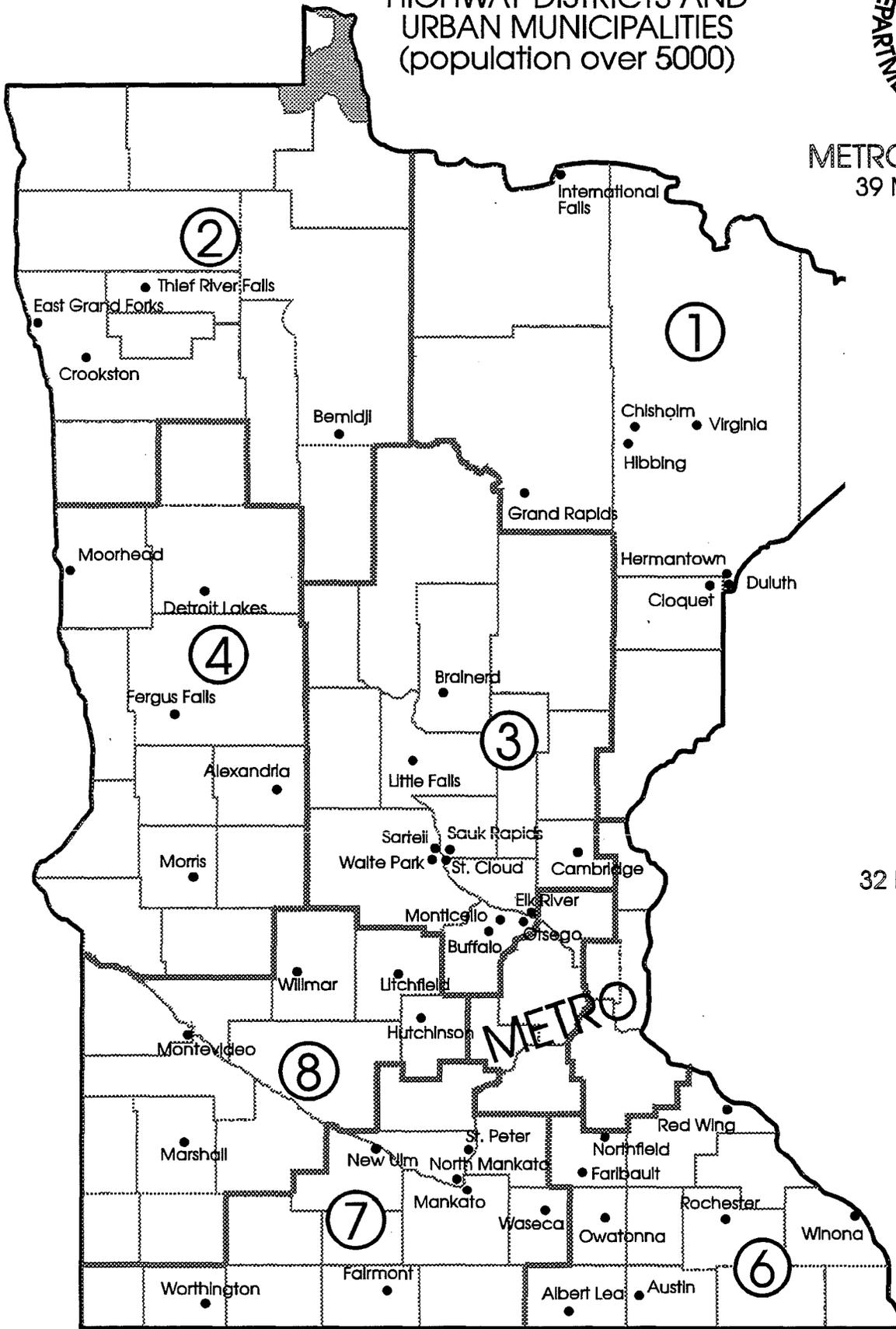
The estimated Population data is combined with the Commissioner's final money needs and the result will be used to determine the 1996 allocation which will be reported in the "1996 Municipal State Aid Apportionment Data" to be published in January, 1996.

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STATE OF MINNESOTA

HIGHWAY DISTRICTS AND URBAN MUNICIPALITIES (population over 5000)



METRO MUNICIPALITIES

39 Metro West Cities

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

32 Metro East Cities

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

1995 MUNICIPAL SCREENING BOARD

OFFICERS

Chairman	Dave Sonnenberg	Minneapolis	(612) 673-2443
Vice Chairman	Dale Swanson	Willmar	(612) 235-4202
Secretary	Brian Bachmeier	Oakdale	(612) 739-5086

MEMBERS

<u>District</u>	<u>Served</u>	<u>Representative</u>		
1	1	Dave Halter	Grand Rapids	(218) 326-7602
2	2	Gary Sanders	East Grand Forks	(218) 773-1185
3	2	Curt Kreklau	Buffalo	(612) 253-1000
4	1	Gary Nansen	Detroit Lakes	(218) 847-5607
Metro-West	3	Larry Anderson	Prior Lake	(612) 447-4230
6	1	William Malin	Winona	(507) 457-8269
7	3	Ken Saffert	Mankato	(507) 387-8600
8	2	John Rodeberg	Hutchinson	(612) 587-5151
Metro-East	3	Brian Bachmeier	Oakdale	(612) 739-5086
(Three Cities		Kenneth Larson	Duluth	(218) 723-3278
of the		Ramankutty Kannankutty	Minneapolis	(612) 673-2476
First Class)		Paul St. Martin	St. Paul	(612) 266-6118

<u>District</u>		<u>Alternates</u>		
1		David Salo	Hermantown	(218) 727-8796
2		David Kildahl	Crookston	(218) 281-6545
3		Bret Weiss	Monticello	(612) 595-5705
4		Tim Schoonhoven	Alexandria	(612) 762-8149
Metro-West		Jack Bittle	Champlin	(612) 421-1955
6		David Olson	Albert Lea	(507) 377-4325
7		Larry Read	Fairmont	(507) 238-9461
8		Danid Sarff	Litchfield	(507) 625-4171
Metro-East		Dave Jessup	Woodbury	(612) 731-5791

1995 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
<p>Sid Williamson - Chairman Sartell (612) 251-6252 Expires in 1995</p>	<p>Dan Edwards Chairman Fergus Falls (218) 739-2251 Expires in 1995</p>
<p>Bill Ottensmann Coon Rapids (612) 755-2880 Expires in 1996</p>	<p>Alan Gray Eden Prairie (612) 949-8300 Expires in 1996</p>
<p>Herb Reimer Moorhead (218) 299-5390 Expires in 1997</p>	<p>Kenneth Larson Duluth (218) 723-3278 Expires in 1997</p>

ALLOCATION STUDY SUBCOMMITTEE

Larry Anderson - Prior Lake	(612) 447-4230
Gerald Butcher - Maple Grove	(612) 420-4000
Tom Drake - Red Wing	(612) 227-6220
John Flora - Fridley	(612) 571-3450
Ramankutty Kannankutty - Minneapolis	(612) 673-2456
Tom Kuhfeld - St Paul	(612) 292-6276
Ken Larson - Duluth	(218) 723-3278
Bill Ottensmann - Coon Rapids	(612) 755-2880
Herb Reimer - Moorhead	(218) 299-5390

MUNICIPAL SCREENING COMMITTEE REPRESENTATIVES
Districts and First Class Cities

Year	1	2	3	4	5	6	7	8
1975	MADSEN	SANDERS	KNAPP	REIMER Moorhead	ASMUS Minnetonka	BOLLANT	MENK St. Peter	CARLSON
1976	BOYER	WIDSETH	KRIHA Brainerd	REIMER	ODLAND	ANDERSON Red Wing	MENK	ADEN Marshall
1977	PFUTZENREUTER Virginia	WIDSETH	KRIHA	RONNING Fergus Falls	ODLAND	ANDERSON	MENK	ADEN
1978	PFUTZENREUTER	WIDSETH	KRIHA	RONNING	BUTCHER Maple Grove	ANDERSON	PUTNAM New Ulm	ADEN
1979	PFUTZENREUTER	VENCEL Bemidji	ENGSTRON Little Falls	RONNING	BUTCHER	ANDERSON	PUTNAM	CARLSON
1980	MADSEN	VENCEL	ENGSTRON	REIMER	BUTCHER	LEUTH Owatonna	PUTNAM	CARLSON
1981	PFUTZENREUTER	WIDSETH	ENGSTRON	REIMER	ASMUS	LEUTH	ORTLOFF Waseca	CARLSON
1982	PFUTZENREUTER Virginia	FREEBERG Bemidji	DOLENTZ St. Cloud	BAKKEN Detroit Lakes	ASMUS	LEUTH	ORTLOFF	ADEN
1983	PRUSAK Cloquet	FREEBERG	DOLENTZ	BAKKEN	ASMUS	PLUMB Rochester	ORTLOFF	ADEN
1984	PRUSAK	FREEBERG	DOLENTZ	BAKKEN	RUDRUD Bloomington	PLUMB	MENK	ADEN
1985	PRUSAK	SANDERS	SCHWENINGER Brainerd	BAKKEN	RUDRUD	PLUMB	MENK	RODEBERG Montevideo
1986	BUSBY Hibbing	SANDERS	SCHWENINGER	EDWARDS Fergus Falls	RUDRUD	MURPHY Austin	MENK	RODEBERG
1987	BUSBY	SANDERS	SCHWENINGER	EDWARDS	OTTENSMANN Coon Rapids	MURPHY	HAFFIELD Worthington	RODEBERG
1988	BUSBY	WALKER Th River Falls	MAURER Elk River	EDWARDS	OTTENSMANN	MURPHY	HAFFIELD	BETTENDORF Litchfield
1989	DRAGISICH Virginia	WALKER	MAURER	MOEN Alexandria	OTTENSMANN	DRAKE Red Wing	HAFFIELD	BETTENDORF
1990	DRAGISICH	WALKER	MAURER	MOEN	EASTLING Richfield	DRAKE	MCCLURG New Ulm	BETTENDORF
1991	PRUSAK Cloquet	KILDAHL Crookston	WILLIAMSON Sauk Rapids	MOEN	EASTLING	DRAKE	MCCLURG	SWANSON Willmar
1992	PRUSAK	KILDAHL	WILLIAMSON	REIMER Moorhead	EASTLING	PUTNAM OWATONNA	MCCLURG	SWANSON
1993	PRUSAK	KILDAHL	WILLIAMSON	REIMER	ANDERSON Prior Lake	PUTNAM	SAFFERT Mankato	SWANSON
1994	PRUSAK	BOELL Bemidji	KREKLAU Buffalo	REIMER	ANDERSON	PUTNAM	SAFFERT	VICTOR Marshall
1995	HALTER	SANDERS E. Gr. Forks	KREKLAU	NANSEN	ANDERSON	MALIN Winona	SAFFERT	RODEBERG Hutchinson

MUNICIPAL SCREENING COMMITTEE REPRESENTATIVES
Districts and First Class Cities

Year	9	Mpls.	St. Paul	Duluth	Chairman	Vice Chairman	Secretary
1975	THENE	SORENSEN	SCHNARR	DAVIDSON	JOHNSON Anoka		COOK Faribault
1976	DAVIDSON Inver Gr. Hgts.	SORENSEN	SCHNARR	DAVIDSON	MERILA Brooklyn Park		ASMUS Minnetonka
1977	DAVIDSON	SORENSEN	SCHNARR	DAVIDSON	COOK Faribault	ASMUS Minnetonka	THENE Wt. Br. Lk.
1978	HONCHELL Roseville	SMITH	WHEELER	DAVIDSON	ASMUS Minnetonka	THENE Wt. Br. Lk.	PRIEBE Hutchinson
1979	HONCHELL	SMITH	WHEELER	DAVIDSON	PRIEBE Hutchinson	ADEN Marshall	BAKER Mankato
1980	SIMON S. St. Paul	SMITH	WHEELER	DAVIDSON	ADEN Marshall	BAKER Mankato	HONCHELL Roseville
1981	KLEINSCHMIDT Inver Gr. Hgts.	SMITH	PETERSON	DAVIDSON	BAKER Mankato	HONCHELL Roseville	SIMON S. St. Paul
1982	KLEINSCHMIDT	HOSHAW	PETERSON	DAVIDSON	HONCHELL Roseville	SIMON S. St. Paul	REIMER Moorhead
1983	KLEINSCHMIDT	HOSHAW	PETERSON	DAVIDSON	SIMON S. St. Paul	REIMER Moorhead	SPURRIER Shakopee
1984	GATLIN White Bear Lk.	HOSHAW	PETERSON	BERG	REIMER Moorhead	SPURRIER Shakopee	ANDERSON Prior Lake
1985	GATLIN	HOSHAW	PETERSON	CARLSON	SPURRIER Shakopee	ANDERSON Prior Lake	SAFFERT Mankato
1986	GATLIN	HOSHAW	PETERSON	CARLSON	ANDERSON Prior Lake	SAFFERT Mankato	MOORE Plymouth
1987	SIGGERUD Burnsville	HOSHAW	KUHFELD	CARLSON	SAFFERT Mankato	MOORE Plymouth	RUDRUD Bloomington
1988	SIGGERUD	HOSHAW	KUHFELD	CARLSON	MOORE Plymouth	RUDRUD Bloomington	BULLERT Northfield
1989	SIGGERUD	HOSHAW	KUHFELD	LARSON	RUDRUD Bloomington	BULLERT Northfield	GRUBE St. Louis Park
1990	HAIDER Maplewood	HOSHAW	KUHFELD	LARSON	BULLERT Northfield	GRUBE St. Louis Park	EDWARDS Fergus Falls
1991	HAIDER	HOSHAW	KUHFELD	LARSON	GRUBE St. Louis Park	EDWARDS Fergus Falls	GRAY Eden Prairie
1992	HAIDER	HOSHAW	KUHFELD	LARSON	EDWARDS Fergus Falls	GRAY Eden Prairie	LARSON Duluth
1993	BACHMEIER Oakdale	SPURRIER	KUHFELD	LARSON	GRAY Eden Prairie	LARSON Duluth	SONNENBERG Minnetonka
1994	BACHMEIER	KANNANKUTTY	KUHFELD	LARSON	LARSON Duluth	SONNENBERG Minnetonka	SWANSON Willmar
1994	BACHMEIER	KANNANKUTTY	ST MARTIN	LARSON	SONNENBERG Minnetonka	SWANSON Willmar	BACHMEIER Oakdale

MINUTES
SPRING MUNICIPAL STATE AID SCREENING COMMITTEE
TUESDAY, JUNE 13, 1995

I A. CALL TO ORDER

The 1995 Spring Meeting of the Municipal Screening Board was called to order by Chairman Dave Sonnenberg at 1:10 p.m., Tuesday, June 13, 1995, at Ruttger's Sugar Bay Lodge, Grand Rapids, Minnesota. Chairman Sonnenberg introduced Vice-Chairman Dale Swanson of Willmar; Secretary Brian Bachmeier of Oakdale; Manager of Municipal State Aids Needs Unit Ken Straus, and Director of the Division of State Aid, Pat Murphy.

B. CALL OF ROLL

Secretary Bachmeier then called the roll. The following were present:

District 1	Dave Halter	Grand Rapids
District 2	Gary Sanders	East Grand Forks
District 3	Curt Kreklau	Buffalo
District 4	Gary Nansen	Detroit Lakes
Metro-West	Larry Anderson	Prior Lake
District 6	William Malin	Winona
District 8	John Rodeberg	Hutchinson
Metro-East	Brian Bachmeier	Oakdale
Duluth	Ken Larson	
Minneapolis	Ramankutty Kannankutty	
St.Paul	Paul St.Martin	

C. INTRODUCTION OF SID WILLIAMSON - Chairman of the Needs Study Subcommittee.

D. RECOGNIZE DEPARTMENT OF TRANSPORTATION PERSONNEL

Also present were:

Julie Skallman, Assistant State Aid Engineer
Ken Hoeschen, Manager, County State Aid Needs
Bill Croke, District 1 State Aid Engineer
Luane Tasa, District 2 State Aid Engineer
Mike Tardy, 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
Dave Kreager, Duluth
Dan Sabin, Minneapolis

Don Aluni, Minneapolis
Greg Peterson, St.Paul
Marshall Johnston - Assistant Municipal State Aid Manager

E. PROCESS DESCRIPTION

Ken Larson described the progress of the morning Municipal Planning Session. He then introduced the Facilitator, Mr. Terry Lemke. Discussion centered on revisiting the following:

Mission > Adjustments
Visions > Adjustments
Communication strategy
Education strategy

As well, it was decided the early planning meetings would continue as part of the Screening Board. Mr. Lemke indicated he would provide a summary to Mr. Kannankutty, and suggested the three-ring binders be updated annually.

F. MINUTES

The October 25, 1994 Fall Meeting of the Municipal State Aid Screening Committee minutes were submitted for approval.

Motion by Larry Anderson, seconded by R. Kannankutty. Motion approved unanimously.

G. MEMBERSHIP REPRESENTATION CHANGES/WELCOME OF NEW MEMBERS

New members were welcomed:

Dave Halter	District 1	Grand Rapids
Gary Sanders	District 2	East Grand Forks - Mr. Sanders is fulfilling the late Don Boell's term. The Membership expressed sorrow on the loss of Mr. Boell.
Gary Nansen	District 4	Detroit Lakes
William Malin	District 6	Winona
John Rodeberg	District 8	Hutchinson - Mr. Rodeberg is fulfilling Richard Victor's term, who recently resigned as City Engineer of Marshall.
Paul St.Martin	City of the First Class - St.Paul	St.Paul

II REVIEW OF MUNICIPAL SCREENING BOARD DATA BOOKLET

A. Minutes of the Needs Study Subcommittee - Sid Williamson, Chairman of the Needs Study Subcommittee, reviewed the minutes and indicated Ken Straus will be reviewing the items discussed at their committee meeting.

B. Unit Price Study and Recommendation: Members had no questions regarding unit prices.

C. Other Topics:

Ken Straus put forth four (4) issues for discussion:

Bond Account Adjustment:

- 1) A City requires additional projects to cover overhead costs. Generally, the overhead costs are included in the amount that State Aid projects have to be applied against resulting in a direct cost to the City.
- 2) Extending principal payments over a longer period, increases the City's bond account adjustment and needs.
 - A) Complete needs are lost on segments when the project is let without a tie to the principal payment schedule.
 - B) Adjustment is made based on the principal payments that do not have a direct affect on needs.

The committee discussed the possibility of implementing a uniform annual ten percent (10%) reduction for a ten (10) year period and the removal of overhead that projects have to be applied against. Dave Halter questioned why the bond account adjustment is done. Ken indicated that needs are lost sooner when a City uses bonding. It may have made more sense to have a bond account adjustment prior to the 1990 apportionment when a City constructed a roadway, needs were lost forever. Whereas, now full needs are reinstated after twenty (20) years.

Dave Sonnenberg summarized by stating there should be support for reimbursement of bonding costs, as well as support for a 10% bond adjustment over a ten (10) year period.

Combination Routes - The State Aid Division is asking that a moratorium be put on combination routes.

The committee discussed the reasons for the deletion of these routes. Pat Murphy explained that the Counties used to get needs for only the center 24 feet on urban sections. Now they can receive needs for the full width. A joint designation is a relic of the old system.

Motion by Curt Kreklau, seconded by R.Kannankutty to direct Mn/DOT Staff to discourage dual designation and to investigate the ability to eliminate needs since the ability to have combination routes is created by statute. Motion approved unanimously.

This item will be discussed during the Fall Screening Meeting.

Excess Mileage Created by Turnbacks - Ken Straus reviewed two examples of County Road/T.H. Turnbacks which result in excess designated mileage. Generally, the excess mileage is created when turnbacks occur during the course of a year, and is discovered when the certification of mileage is reported at the end of the year.

The Needs Study Subcommittee recommended that once a City is granted Turnback mileage above their 20%, they should not be lost when the exchanges are made. Ken Straus also indicated trunk highways that are exchanged for County State Aid highways will create similar overages.

Discussions then centered on whether or not MSA designations over a County Road that are turned back should be allowed above the 20%. Ken Straus questioned if this should be treated as "no needs" mileage? The Committee summarized by stating that this mileage should not be allowed above the 20%. To avoid this, City's could remove their MSA designation before the County turns it back.

Ken Straus will draft a resolution for action at the Fall Meeting, addressing the turnback issues.

Minutes of the Unencumbered Construction Fund Subcommittee - Advance

Funding: Ken Straus explained the new proposed rules on Unencumbered Advances. The process rules has been modified to allow cities to pass a resolution advancing funds at anytime instead of at the Report of State Aid stage. The Committee does not recommend "after the fact" adjustments (like bonding) for advances. The availability of funds would be 50% of the unencumbered balance as of December 31 of the preceding year. This item was referred to State Aid for Fall resolution action.

Apportionment Rankings - Ken Straus reviewed the spreadsheets. There was no additional discussion.

III ADD ALTERNATES TO PAID ROSTER FOR LAST YEAR REPRESENTATIVES TERM

David Sonnenberg suggested that consideration be given to having the alternates attend two meetings prior to becoming representatives to improve the continuity of the group. There was agreement from the Board. Action will be taken tomorrow. In addition, having the past two President's attending would also be beneficial.

IV LOCAL ROAD RESEARCH BOARD REPRESENTATIVE

PAGE 4

Chairman Dick Hansen updated Members on the Local Research Board. he stated the "set aside" went from 1/4 to 1/2%. He reviewed a list of 1995 research projects, noted the biggest expenditures were \$301,000 from the U of M T2 and \$500,000 Mn/DOT Roach Research Project. He also reviewed the list of studies dating back to the 1960's. Larry Reed and Dave Hutton represent the Cities of LRRB - six (6) year appointments. Solicitation for projects will be mailed shortly. Larry Anderson encouraged Engineers to submit projects for consideration.

Briefing of Quality Improvement by Paul Stine from the State Aid Office.

Pat Stein discussed the process the State Aid Office and Federal Aid Office is implementing. Pat Murphy discussed the surveys and questionnaires his office has solicited at the City Engineer's Association meeting in January.

V DISCUSSION/ACTION ON PROPOSALS BEFORE THE BOARD

A. Unit Price:

Motion by Larry Anderson, seconded by John Rodeberg to approve. Motion approved unanimously.

B. Bond Account Adjustments: Larry Anderson stated consideration should be given for existing bonds (only apply to bonds from this date forward).

Motion by R.Kannankutty, seconded by Ken Saffert, to approve deducting the bonding costs from the amount applied against a State Aid project, and with bonding adjustments to needs be a 10 % reduction per year over a ten (10) year period for bonds sold after January 1, 1996. Motion approved unanimously.

C. Excess Mileage Created by Turnbacks: R.Kannankutty suggested this be reviewed in the fall of this year, since we had discussed and acted upon this in 1994. Larry Anderson felt the Cities should not be penalized for taking turnbacks and should be able to keep the extra 20%. Dave Halter suggested Cities be required to re-certify mileage during exchanges so the City can make a determination as part of negotiations. Ken Larson suggested Cities be educated through State Aid workshops on the ramifications of turnback negotiations. Sid Williamson indicated mileage added is diluting the value of miles, which is why the Subcommittee is recommending no change.

Suggested options would be:

- 1) To adjust the system immediately (re-certify);
- 2) To adjust the system over time (growing communities absorb); or
- 3) Perpetuate the turnback adjustment.

Dave Kreager suggested not getting needs for mileage over the 20%. State Aid Staff will develop resolutions for the Fall Meeting consideration. The process

would disclose ramifications if the transfer of 20% is absorbed (adjusted over a period of time).

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D. **Advance Funding of Unencumbered Construction Fund** - State Aid Staff will review Committee recommendations and come back to the Fall Meeting with administrative guidelines.

E. **Alternate Attendance for Last Year of Representatives Terms and Two Past Presidents attend Screening Board at State Aid Expense:**

Motion by John Rodeberg, seconded by Dave Halter, to amend the existing Resolutions to accommodate alternate attendance for last year of Representatives Terms and Two Past Presidents to attend Screening Board at State Aid Expense. Motion approved unanimously.

F. **Change in Definition of T.H. Turnbacks** - Currently, considered turnback if an alternate route is constructed, and must meet State Aid criteria.

It was questioned whether we should consider some turnbacks that were absorbed in 20% basic mileage over the last 35 years.

Pat Murphy stated the Cities have the right to research and plead their case on whether their mileage should be above the 20%.

VI **QUALITY IMPROVEMENT**

Pat Murphy asked for Quality Improvement Suggestions. He explained changes in the State Aid budgeting: items that used to be in T.H. fund and County/City Administration Fund - if out of Administrative fund only, it is easier and there is more flexibility. He questioned who should review this change. It was determined the Executive or Full Screening Committee would review and present and discuss changes at the Fall Meeting. Dave Halter suggested the Screening Board or Subcommittee of the Board should review this change.

Pat Murphy indicated there was approximately \$5,000,000 in the Administrative Fund. State Aid is using about \$3,000,000 of this amount, with the remaining \$2,000,000 going back to the allocation fund. He stated he would like to avoid micromanaging his department, however wants to be a sounding board for discretionary issues. He stressed that while he was searching for advice and comments, he does not have approval authority.

Life Cycle Costing purpose was two-fold - looking at feasibility of LifeCycle to needs as well as collectively assembling a total state system. A number of members commented on information that would be beneficial from this study. There is an opportunity of coordination from the Pavement Management Program from State Aid. The members supported continuing work on this project, and will report back at the Fall Meeting.

Phase II Financial System, the automation of financial payments and pursuing a paperless system to make various reports to State Aid electronically. There were concerns expressed during the training regarding the added extra step and infrequent use of the State Aid computer and need to continually change the password. It was suggested State Aid take another look at current communication problems before proceeding any further.

VII NEW BUSINESS

Ken Straus stated the Mainframe Program is planned to be rewritten and as such, a review of "Need" items should be conducted by the Subcommittee. The Pavement Management Program will be incorporated into this system. The certification of mileage form is also being considered for computerization.

VII CLOSING

Dave Sonnenberg thanked the Screening Board and the Needs Study Subcommittee for their hard work and dedication. Ken Larson commented on how well the meeting was run by the Chairman.

The next meeting will take place October 24 and 25 at Breezy Point. Arrangements will be made for Monday evening to allow for a Planning Meeting on Tuesday morning.

There being no further business to come before the Board, the meeting was adjourned at 11:25 a.m.

Respectfully submitted,
C.E.A.M.



Brian Bachmeier, P.E.
SECRETARY/TREASURER

BJB/tal/STATEAID

NEEDS, MILEAGE, AND APPORTIONMENT

The amount to be allocated in 1996 is unknown at this time so an estimated amount of \$ 81,718,700 is used in this report. This a similar amount that was used for the 1995 apportionment. The actual amount will be announced in January 1996 when the Commissioner of Transportation makes a determination of the 1996 apportionment.

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

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

M.S.A.S. Mileage, Needs and Apportionment 1958 to 1996

Appt. Year	Number of Municipalities	Needs Mileage	Actual 25 Year Apport-ment Needs	Total Apport-ment	Adjusted 25 Year Apport-ment Needs	Total Apport-ment Per Needs Mileage	Apport-ment Per \$1000 of Adjusted Needs
1958	58	920.40	\$190,373,337	\$7,286,074	190,373,337	\$7,916.20	\$19.1363
1959	59	938.36	195,749,800	8,108,428	195,749,800	8,641.06	20.7112
1960	59	968.82	197,971,488	8,370,596	197,971,488	8,639.99	21.1409
1961	77	1131.78	233,276,540	9,185,862	233,833,072	8,116.30	19.6419
1962	77	1140.83	223,014,549	9,037,698	225,687,087	7,922.04	20.0226
1963	77	1161.06	221,458,428	9,451,125	222,770,204	8,140.08	21.2127
1964	77	1177.11	218,487,546	10,967,128	221,441,346	9,317.00	24.7631
1965	77	1208.81	218,760,538	11,370,240	221,140,776	9,406.14	25.7081
1966	80	1271.87	221,992,032	11,662,274	224,052,248	9,169.39	26.0258
1967	80	1309.93	212,065,299	12,442,900	213,872,131	9,498.90	29.0896
1968	84	1372.36	214,086,481	14,287,775	215,508,764	10,411.10	33.1489
1969	85	1405.35	209,186,115	15,121,277	210,605,545	10,759.79	35.8995
1970	86	1427.59	205,103,981	16,490,064	206,350,399	11,550.98	39.9565
1971	85	1427.41	204,854,564	18,090,833	204,327,997	12,673.89	44.2691
1972	92	1490.86	216,734,617	18,338,440	217,235,062	12,300.58	42.2087
1973	94	1557.31	311,183,279	18,648,610	309,052,410	11,974.89	30.1706
1974	95	1574.52	324,787,253	21,728,373	321,833,693	13,800.00	34.0679
1975	99	1629.30	419,869,718	22,841,302	418,577,904	14,019.09	27.2844
1976	101	1696.56	448,678,585	22,793,386	444,038,715	13,435.06	25.6660
1977	101	1748.55	488,779,846	27,595,966	483,467,326	15,782.20	28.5396
1978	104	1768.90	494,433,948	27,865,892	490,165,460	15,753.23	28.3785
1979	106	1839.51	529,996,431	30,846,555	523,460,762	16,768.90	29.4188
1980	106	1889.03	623,880,689	34,012,618	609,591,579	18,005.34	27.8609
1981	106	1913.57	695,487,179	35,567,962	695,478,283	18,587.23	25.5442
1982	109	1995.74	712,299,816	42,032,978	699,123,117	21,061.35	30.0318
1983	110	2041.94	651,035,697	46,306,272	631,661,710	22,677.59	36.6326
1984	110	2066.80	641,783,969	48,735,190	619,497,928	23,580.02	39.3136
1985	111	2121.49	624,641,459	56,875,174	595,839,910	26,809.07	47.7144
1986	107	2139.42	552,944,830	59,097,819	543,890,225	27,623.29	54.3012
1987	107	2148.07	551,850,149	53,101,745	541,972,837	24,720.68	48.9738
1988	108	2164.99	555,994,519	58,381,022	529,946,820	26,965.95	55.0588
1989	109	2205.05	586,716,169	76,501,442	588,403,918	34,693.74	64.9777
1990	112	2265.64	969,735,729	81,517,107	969,162,426	35,979.73	41.9909
1991	113	2330.30	1,289,813,259	79,773,732	1,240,127,592	34,233.25	32.1058
1992	116	2376.79	1,374,092,030	81,109,752	1,330,349,165	34,125.75	30.4150
1993	116	2410.53	1,458,214,849	82,954,222	1,385,096,428	34,413.27	29.8910
1994	117	2471.04	1,547,661,937	80,787,856	1,502,960,398	32,693.87	26.8269
1995	118	2526.39	1,582,491,280	81,718,700	1,541,396,875	32,346.04	26.4612
1996	119	2608.32	1,650,207,587	81,718,700	1,630,143,518	31,330.01	25.0206

The 1996 tentative apportionment used in this report is the same as the 1995 apportionment.

MSAS NEEDS MILEAGE COMPARISON

Municipality	1994 M.S.A.S. Needs Mileage	1995 M.S.A.S. Needs Mileage	Difference In Mileage	Municipality	1994 M.S.A.S. Needs Mileage	1995 M.S.A.S. Needs Mileage	Difference In Mileage
Albert Lea	18.65	18.65	0.00	Fergus Falls	13.74	13.74	0.00
Alexandria	12.94	12.39	-0.55	Forest Lake	3.69	3.69	0.00
Andover	30.90	30.83	-0.07	Fridley	24.92	25.34	0.42
Anoka	11.89	11.98	0.09	Golden Valley	23.38	23.55	0.17
Apple Valley	29.36	31.23	1.87	Grand Rapids	11.36	11.36	0.00
Arden Hills	5.41	6.33	0.92	Ham Lake	20.93	22.85	1.92
Austin	22.84	26.73	3.89	Hastings	14.45	14.45	0.00
Bemidji	14.36	14.31	-0.05	Hermantown	12.99	12.99	0.00
Blaine	31.73	32.78	1.05	Hibbing	50.70	50.74	0.04
Bloomington	73.88	73.73	-0.15	Hopkins	9.41	9.41	0.00
Brainerd	14.30	14.25	-0.05	Hugo	15.21	15.21	0.00
Brooklyn Center	21.30	21.30	0.00	Hutchinson	11.16	11.16	0.00
Brooklyn Park	38.45	45.33	6.88	International Falls	8.06	8.06	0.00
Buffalo	7.58	7.58	0.00	Inver Grove Heights	19.81	19.95	0.14
Burnsville	43.67	43.67	0.00	Lake Elmo	9.53	9.53	0.00
Cambridge	5.49	5.49	0.00	Lakeville	38.37	40.62	2.25
Champlin	15.14	15.22	0.08	Lino Lakes	15.59	17.24	1.65
Chanhassen	18.54	20.10	1.56	Litchfield	7.83	7.83	0.00
Chaska	12.32	13.85	1.53	Little Canada	5.30	6.49	1.19
Chisholm	6.93	7.68	0.75	Little Falls	13.77	13.77	0.00
Cloquet	18.05	18.05	0.00	Mahtomedi	4.55	4.55	0.00
Columbia Heights	11.65	11.65	0.00	Mankato	25.94	31.68	5.74
Coon Rapids	38.95	39.03	0.08	Maple Grove	39.04	39.60	0.56
Corcoran	13.72	13.60	-0.12	Maplewood	19.18	19.18	0.00
Cottage Grove	28.04	29.41	1.37	Marshall	12.39	12.39	0.00
Crookston	10.91	10.91	0.00	Mendota Heights	11.66	11.68	0.02
Crystal	17.88	17.88	0.00	Minneapolis	191.83	193.94	2.11
Detroit Lakes	9.54	9.54	0.00	Minnertonka	49.68	49.68	0.00
Duluth	90.34	90.34	0.00	Montevideo	8.01	7.89	-0.12
Eagan	42.47	44.31	1.84	Monticello	5.99	5.99	0.00
East Bethel	23.16	23.66	0.50	Moorhead	28.46	28.67	0.21
East Grand Forks	10.82	10.82	0.00	Morris	6.66	6.66	0.00
Eden Prairie	37.59	42.40	4.81	Mound	8.01	8.05	0.04
Edina	39.36	39.36	0.00	Mounds View	8.44	8.44	0.00
Elk River	24.01	24.01	0.00	New Brighton	13.42	13.42	0.00
Fairmont	19.38	19.38	0.00	New Hope	12.37	12.72	0.35
Falcon Heights	2.54	2.54	0.00	New Ulm	14.13	14.13	0.00
Faribault	20.89	21.46	0.57	Northfield	11.25	11.25	0.00
Farmington	8.31	8.72	0.41	North Branch	0.00	15.90	15.90

Municipality	1994 M.S.A.S. Needs Mileage	1995 M.S.A.S. Needs Mileage	Difference In Mileage
North Mankato	11.48	11.86	0.38
North St. Paul	8.14	9.08	0.94
Oakdale	14.78	16.72	1.94
Oak Grove	17.97	17.97	0.00
Orono	11.44	12.07	0.63
Otsego	12.90	13.08	0.18
Owatonna	17.51	17.51	0.00
Plymouth	46.20	46.56	0.36
Prior Lake	13.08	13.08	0.00
Ramsey	28.62	28.62	0.00
Red Wing	21.61	22.07	0.46
Richfield	26.21	26.21	0.00
Robbinsdale	10.33	10.33	0.00
Rochester	48.43	49.16	0.73
Rosemount	17.41	21.34	3.93
Roseville	22.78	23.45	0.67
St. Anthony	5.18	5.18	0.00
St. Cloud	39.02	39.02	0.00
St. Louis Park	25.73	28.72	2.99
St. Paul	156.91	159.69	2.78
St. Peter	10.59	10.59	0.00
Sartell	4.79	5.05	0.26
Sauk Rapids	8.31	9.03	0.72
Savage	13.67	14.69	1.02
Shakopee	16.17	16.17	0.00
Shoreview	13.93	13.69	-0.24
Shorewood	9.29	9.29	0.00
South St. Paul	14.33	14.33	0.00
Spring Lake Park	5.24	5.24	0.00
Stillwater	12.80	12.80	0.00
Thief River Falls	11.45	13.56	2.11
Vadnais Heights	6.77	6.77	0.00
Virginia	12.33	12.33	0.00
Waite Park	4.46	4.46	0.00
Waseca	6.31	6.31	0.00
West St. Paul	12.12	12.12	0.00
White Bear Lake	18.34	18.34	0.00
Willmar	23.30	23.30	0.00
Winona	19.62	19.62	0.00
Woodbury	32.53	34.80	2.27
Worthington	9.81	9.81	0.00
TOTAL	2526.39	2608.32	81.93

Theoretical 1996 M.S.A.S. Population Apportionment

The State Demographer's and Metropolitan Council's 1994 population estimates along with the Federal Census will be used to allocate 50% of the funds in the 1996 apportionment.

The estimate was used to compute the projected population apportionment when the City's population was larger than the 1990 census or special census. The census was used if the estimate indicated a lower population.

Fifty percent of the total sum is distributed on a prorated share that each city population bears to the total population. Each city will earn approximately \$13.77 per capita in apportionment from the 1996 population apportionment distribution. This projection will be somewhat revised when the actual revenue for the 1996 apportionment becomes available or if additional cities should exceed 5,000 population prior to January 1, 1996.

A new statute was passed that allows two or more cities to consolidate by using population estimates instead of a special census. This statute allowed Branch and North Branch to consolidate into North Branch by using the combined estimated population of 5140. North Branch is located approximately 50 miles north of the Twin Cities.

The statute reads as:

The population of a city created by the consolidation of two or more previously incorporated cities shall be determined by the most recent population estimate of the metropolitan Council or state demographer, until the federal decennial census or special census taken after the consolidation.

The City of Glencoe is in the process of taken a special census and is expected to have the census completed before the 1996 apportionment. Glencoe was not included in any of the computation in this booklet but is expected to be included in the January apportionment.

THEORETICAL 1996 POPULATION APPORTIONMENT

(The allocation per Capita equals approximately \$13.77)

Municipality	1990 Census	Population used for 1995 Allocation	1994 Estimate	Difference between Estimate & 1990 Census	Population used for 1996 Allocation	Allocation if Census Was Used	Allocation Using Estimates	Difference Between Using Census & Estimate
Albert Lea	18,310	18,310	18,338	28	18,338	\$263,837	\$252,533	(\$11,304)
Alexandria	8,029	8,029	8,251	222	8,251	115,693	113,625	(2,068)
Andover	15,216	15,216	19,465	4,249	19,465	219,254	268,053	48,799
Anoka	17,192	17,192	17,509	317	17,509	247,727	241,117	(6,610)
Apple Valley	34,598	34,598	39,188	4,590	39,188	498,538	539,658	41,120
Arden Hills	9,199	9,199	9,426	227	9,426	132,552	129,806	(2,746)
Austin	21,907	21,930	22,050	143	22,050	315,999	303,651	(12,348)
Bemidji	11,165	11,166	11,494	329	11,494	160,896	158,284	(2,612)
Blaine	38,975	38,975	41,658	2,683	41,658	561,608	573,673	12,065
Bloomington	86,335	86,335	86,683	348	86,683	1,244,039	1,193,713	(50,326)
Brainerd	12,353	12,353	12,521	168	12,521	178,000	172,427	(5,573)
Brooklyn Center	28,887	28,887	28,484	(403)	28,887	416,245	397,803	(18,442)
Brooklyn Park	56,381	56,381	58,471	2,090	58,471	812,418	805,205	(7,213)
Buffalo	6,856	7,302	7,722	866	7,722	105,218	106,340	1,122
Burnsville	51,288	51,288	54,525	3,237	54,525	739,031	750,864	11,833
Cambridge	5,094	5,100	5,222	128	5,222	73,488	71,912	(1,576)
Champlin	16,849	16,849	19,030	2,181	19,030	242,785	262,062	19,277
Chanhassen	11,732	11,736	14,316	2,584	14,316	169,109	197,146	28,037
Chaska	11,339	11,339	13,721	2,382	13,721	163,389	188,952	25,563
Chisholm	5,290	5,290	5,220	(70)	5,290	76,226	72,849	(3,377)
Cloquet	10,885	10,885	11,070	185	11,070	156,847	152,445	(4,402)
Columbia Heights	18,910	18,910	18,882	(28)	18,910	272,482	260,410	(12,072)
Coon Rapids	52,978	52,978	58,991	6,013	58,991	763,383	812,366	48,983
Corcoran	5,199	5,199	5,508	309	5,508	74,915	75,851	936
Cottage Grove	22,935	22,935	26,675	3,740	26,675	330,480	367,342	36,862
Crookston	8,119	8,119	8,163	44	8,163	116,990	112,413	(4,577)
Crystal	23,788	23,788	23,703	(85)	23,788	342,772	327,585	(15,187)
Detroit Lakes	7,145	7,141	7,295	150	7,295	102,898	100,460	(2,438)
Duluth	85,493	85,493	85,746	253	85,746	1,231,906	1,180,809	(51,097)
Eagan	47,409	47,409	54,957	7,548	54,957	683,137	756,814	73,677

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Municipality	1990 Census	Population used for 1995 Allocation	1994 Estimate	Difference between Estimate & 1990 Census	Population used for 1996 Allocation	Allocation if Census Was Used	Allocation Using Estimates	Difference Between Using Census & Estimate
East Bethel	8,050	8,050	8,702	652	8,702	\$115,996	\$119,835	\$3,839
East Grand Forks	8,658	8,658	8,947	289	8,947	124,757	123,209	(1,548)
Eden Prairie	39,311	39,311	44,189	4,878	44,189	566,449	608,527	42,078
Edina	46,070	46,075	46,841	771	46,841	663,915	645,048	(18,867)
Elk River	11,143	11,143	12,811	1,668	12,811	160,564	176,420	15,856
Fairmont	11,265	11,265	11,350	85	11,350	162,322	156,301	(6,021)
*** Falcon Heights	5,380	5,380	5,297	(83)	5,380	77,523	74,088	(3,435)
Faribault	17,090	17,090	18,492	1,402	18,492	246,257	254,654	8,397
Farmington	5,940	5,940	6,870	930	6,870	85,592	94,607	9,015
Fergus Falls	12,362	12,488	12,596	234	12,596	179,945	173,460	(6,485)
Forest Lake	5,833	6,008	6,397	564	6,397	86,572	88,093	1,521
*** Fridley	28,335	28,335	28,104	(231)	28,335	408,291	390,202	(18,089)
*** Golden Valley	20,971	20,971	20,947	(24)	20,971	302,180	288,792	(13,388)
Grand Rapids	7,976	7,976	8,163	187	8,163	114,930	112,413	(2,517)
Ham Lake	8,924	8,924	9,825	901	9,825	128,590	135,300	6,710
Hastings	15,445	15,478	16,200	755	16,200	223,029	223,090	61
Hermantown	6,761	6,761	7,237	476	7,237	97,422	99,661	2,239
*** Hibbing	18,046	18,046	17,964	(82)	18,046	260,033	248,512	(11,521)
Hopkins	16,534	16,529	16,536	2	16,536	238,174	227,717	(10,457)
** Hugo	4,417	5,223	5,223	806	5,223	75,260	71,926	(3,334)
Hutchinson	11,455	11,459	12,174	719	12,174	165,118	167,648	2,530
*** International Falls	8,325	8,301	7,811	(514)	8,301	119,613	114,313	(5,300)
Inver Grove Heights	22,477	22,477	25,243	2,766	25,243	323,881	347,622	23,741
Lake Elmo	5,877	5,874	6,072	195	6,072	84,641	83,618	(1,023)
* Lakeville	24,854	33,274	32,978	8,124	33,274	479,460	458,217	(21,243)
Lino Lakes	8,807	8,807	12,266	3,459	12,266	126,904	168,915	42,011
Litchfield	6,041	6,090	6,138	97	6,138	87,753	84,526	(3,227)
Little Canada	8,971	8,971	9,225	254	9,225	129,267	127,038	(2,229)
Little Falls	7,232	7,371	7,595	363	7,595	106,212	104,591	(1,621)
Mahtomedi	5,569	5,633	6,353	784	6,353	81,168	87,487	6,319
Mankato	31,405	31,405	31,906	501	31,906	452,528	439,378	(13,150)
Maple Grove	38,736	38,736	43,542	4,806	43,542	558,164	599,617	41,453
Maplewood	30,954	30,954	32,903	1,949	32,903	446,030	453,108	7,078
Marshall	12,023	12,023	12,397	374	12,397	173,245	170,719	(2,526)
Mendota Heights	9,431	9,388	10,636	1,205	10,636	135,276	146,468	11,192

	1990 Census	Population used for 1995 Allocation	1994 Estimate	Difference between Estimate & 1990 Census	Population used for 1996 Allocation	Allocation if Census Was Used	Allocation Using Estimates	Difference Between Using Census & Estimate	
***	Minneapolis	368,383	368,383	366,480	(1,903)	368,383	\$5,308,191	\$5,073,007	(\$235,184)
	Minnnetonka	48,370	48,370	50,569	2,199	50,569	696,984	696,386	(598)
	Montevideo	5,499	5,499	5,519	20	5,519	79,237	76,002	(3,235)
	Monticello	5,045	5,045	5,527	482	5,527	72,696	76,112	3,416
	Moorhead	32,295	32,295	33,618	1,323	33,618	465,353	462,954	(2,399)
	Morris	5,613	5,613	5,647	34	5,647	80,880	77,765	(3,115)
***	Mound	9,634	9,634	9,592	(42)	9,634	138,820	132,670	(6,150)
	Mounds View	12,541	12,541	12,552	11	12,552	180,709	172,854	(7,855)
	New Brighton	22,207	22,207	22,328	121	22,328	319,990	307,479	(12,511)
***	New Hope	21,853	21,853	21,651	(202)	21,853	314,889	300,938	(13,951)
	New Ulm	13,132	13,132	13,477	345	13,477	189,225	185,592	(3,633)
	Northfield	14,684	14,684	15,352	668	15,352	211,588	211,413	(175)
****	North Branch	0	0	5,140	5,140	5,140	0	70,783	70,783
	North Mankato	10,164	10,662	11,183	1,019	11,183	153,633	154,001	368
	North St. Paul	12,376	12,376	12,809	433	12,809	178,331	176,393	(1,938)
****	Oak Grove	0	5,488	5,997	5,997	5,997	79,079	82,585	3,506
	Oakdale	18,400	18,403	22,933	4,533	22,933	265,177	315,811	50,634
	Orono	7,285	7,285	7,444	159	7,444	104,973	102,511	(2,462)
	Otsego	5,219	5,219	6,023	804	6,023	75,203	82,943	7,740
	Owatonna	19,386	19,386	20,280	894	20,280	279,341	279,276	(65)
	Plymouth	50,889	50,889	57,391	6,502	57,391	733,282	790,332	57,050
	Prior Lake	11,482	11,482	12,559	1,077	12,559	165,449	172,950	7,501
	Ramsey	12,408	12,408	14,907	2,499	14,907	178,792	205,284	26,492
	Red Wing	15,134	15,134	15,645	511	15,645	218,072	215,447	(2,625)
***	Richfield	35,710	35,710	35,261	(449)	35,710	514,561	491,763	(22,798)
***	Robbinsdale	14,396	14,396	14,255	(141)	14,396	207,438	198,247	(9,191)
	Rochester	70,997	70,981	76,865	5,868	76,865	1,022,796	1,058,509	35,713
	Rosemount	8,622	8,622	11,086	2,464	11,086	124,238	152,665	28,427
	Roseville	33,485	33,485	33,674	189	33,674	482,500	463,725	(18,775)
	St. Anthony	7,727	7,727	7,939	212	7,939	111,342	109,328	(2,014)
	St. Cloud	48,812	48,844	50,143	1,331	50,143	703,814	690,520	(13,294)
***	St. Louis Park	43,787	43,787	43,641	(146)	43,787	630,946	602,991	(27,955)
***	St. Paul	272,235	272,235	271,660	(575)	272,235	3,922,752	3,748,951	(173,801)
	St. Peter	9,481	9,481	9,782	301	9,782	136,616	134,708	(1,908)
	Sartell	5,409	5,410	6,413	1,004	6,413	77,955	88,313	10,358

Municipality	1990 Census	Population used for 1995 Allocation	1994 Estimate	Difference between Estimate & 1990 Census	Population used for 1996 Allocation	Allocation if Census Was Used	Allocation Using Estimates	Difference Between Using Census & Estimate
Sauk Rapids	7,825	7,823	8,946	1,121	8,946	\$112,725	\$123,195	\$10,470
Savage	9,906	9,906	13,703	3,797	13,703	142,740	188,704	45,964
Shakopee	11,739	11,739	13,041	1,302	13,041	169,152	179,588	10,436
Shoreview	24,587	24,587	25,957	1,370	25,957	354,285	357,454	3,169
Shorewood	5,917	5,913	6,613	696	6,613	85,203	91,068	5,865
South St. Paul	20,197	20,197	20,396	199	20,396	291,027	280,874	(10,153)
Spring Lake Park	6,532	6,532	6,628	96	6,628	94,122	91,274	(2,848)
Stillwater	13,882	13,882	15,350	1,468	15,350	200,032	211,385	11,353
Thief River Falls	8,010	8,010	8,043	33	8,043	115,420	110,760	(4,660)
Vadnais Heights	11,041	11,041	11,968	927	11,968	159,095	164,811	5,716
*** Virginia	9,410	9,431	9,232	(178)	9,431	135,895	129,874	(6,021)
*** Waite Park	5,026	5,026	5,476	450	5,476	72,422	75,410	2,988
*** Waseca	8,385	8,385	8,184	(201)	8,385	120,823	115,470	(5,353)
West St. Paul	19,248	19,248	19,332	84	19,332	277,353	266,221	(11,132)
White Bear Lake	24,704	24,622	25,804	1,100	25,804	354,789	355,347	558
Willmar	17,531	17,531	18,544	1,013	18,544	252,612	255,370	2,758
Winona	25,399	25,435	25,805	406	25,805	366,504	355,361	(11,143)
* Woodbury	20,075	26,900	28,627	8,552	28,627	387,614	394,223	6,609
**** Worthington	9,977	9,977	10,200	223	10,200	143,763	140,465	(3,298)
TOTAL	2,803,159	2,835,597	2,961,405	148,830	2,967,055	\$40,859,350	\$40,859,350	\$0

* 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 adjustments for annexations or detachments (if any) for allocation.

**** Incorporated after the 1990 census.

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

\$40,859,350 Equals \$13.77101200 Per person
2,967,055

1995 Needs Study Update

The following tabulation reflects the total difference between the 1994 and the 1995 25-year money needs studies. This update was accomplished in three individual steps to measure the effect each type of revision has to the total needs.

1. **Accomplishments and system revisions -- includes needs updating and needs of new designations for which resolutions were received by May 1.**
2. **1995 Unit Cost Revisions -- measures the effect between last years unit prices to the unit prices approved by the Screening Board at the 1995 Spring Meeting.**
3. **1995 Traffic Count Update -- is the result of the 1993 and 1994 traffic counts updated in 1995.**

Revisions were made to the following needs study unit prices:

Aggregate Shoulders	+ \$	1.00 per ton
Curb & Gutter Removal	+ \$.10 per lin. ft.
Sidewalk Removal	+ \$.20 per sq. yd.
Concrete Pavement Removal	+ \$.10 per sq. yd.
Class 4 Subbase	+ \$.20 per ton
Bituminous Base 2331	- \$	1.00 per ton
Bituminous Surface 2331	- \$	1.00 per ton
Curb & Gutter Construction	+ \$.25 per lin ft.
Storm Sewer Construction	+ \$	6,500 per mile
Storm Sewer Adjustment	+ \$	2,000 per mile

The resulting 1995 25-year Construction Needs as adjusted in the "Tentative Determination of Money Needs Apportionment " will be used in computing the 1996 money needs apportionment.

1995 M.S.A.S. NEEDS STUDY UPDATE

Municipality	1994 Money Needs	Traffic Update	Accomplish. & System Revisions	Unit Cost Update	1995 Money Needs	Net Change	% Change 1994 to 1995
Albert Lea	\$11,080,773	(\$29,517)	(\$89,811)	\$77,026	\$11,038,471	(\$42,302)	-0.3818
Alexandria	6,995,228	130,888	(600,289)	58,744	6,584,571	(410,657)	-5.8705
Andover	13,262,871	0	(860,605)	104,757	12,507,023	(755,848)	-5.6990
Anoka	6,006,060	0	86,376	63,321	6,155,757	149,697	2.4924
Apple Valley	13,589,913	39,664	1,750,302	121,993	15,501,872	1,911,959	14.0690
Arden Hills	3,050,105	0	844,513	30,300	3,924,918	874,813	28.6814
Austin	16,825,271	0	1,736,528	159,150	18,720,949	1,895,678	11.2668
Bemidji	8,516,064	0	420,882	66,015	9,002,961	486,897	5.7174
Blaine	18,736,450	0	576,937	127,781	19,441,168	704,718	3.7612
Bloomington	61,373,463	1,208,641	551,442	242,144	63,375,690	2,002,227	3.2624
Brainerd	6,018,732	(52,211)	148,938	43,481	6,158,940	140,208	2.3295
Brooklyn Center	12,516,598	0	332,416	38,032	12,887,046	370,448	2.9597
Brooklyn Park	18,189,204	0	2,192,189	104,627	20,486,020	2,296,816	12.6274
Buffalo	5,704,216	0	38,940	54,049	5,797,205	92,989	1.6302
Burnsville	19,831,021	0	1,510	139,257	19,971,788	140,767	0.7098
Cambridge	4,210,659	0	0	44,238	4,254,897	44,238	1.0506
Champlin	5,872,575	0	(233,174)	35,785	5,675,186	(197,389)	-3.3612
Chanhassen	10,444,913	0	2,643,543	141,557	13,230,013	2,785,100	26.6647
Chaska	9,049,313	0	1,195,294	114,324	10,358,931	1,309,618	14.4720
Chisholm	3,713,720	0	(321,381)	45,844	3,438,183	(275,537)	-7.4194
Cloquet	11,469,880	(6,974)	(120,923)	131,571	11,473,554	3,674	0.0320
Columbia Heights	7,159,554	0	233,699	58,837	7,452,090	292,536	4.0860
Coon Rapids	16,616,149	0	287,156	38,913	16,942,218	326,069	1.9624
Corcoran	5,831,401	0	351,788	(5,572)	6,177,617	346,216	5.9371
Cottage Grove	16,667,827	0	462,767	127,271	17,257,865	590,038	3.5400
Crookston	10,699,025	(283,514)	1,264,522	70,656	11,750,689	1,051,664	9.8295
Crystal	12,384,040	0	64,428	134,179	12,582,647	198,607	1.6037

Municipality	1994 Money Needs	Traffic Update	Accomplish. & System Revisions	Unit Cost Update	1995 Money Needs	Net Change	% Change 1994 to 1995
Detroit Lakes	\$4,005,568	\$0	(\$76,084)	\$28,505	\$3,957,989	(\$47,579)	-1.1878
Duluth	63,032,514	0	581,493	580,811	64,194,818	1,162,304	1.8440
Eagan	20,843,377	0	371,142	121,699	21,336,218	492,841	2.3645
East Bethel	7,208,112	0	64,831	57,983	7,330,926	122,814	1.7038
East Grand Forks	4,130,941	31,315	70,859	46,805	4,279,920	148,979	3.6064
Eden Prairie	21,331,173	0	2,960,788	177,732	24,469,693	3,138,520	14.7133
Edina	22,103,472	0	0	99,674	22,203,146	99,674	0.4509
Elk River	14,065,726	0	164,876	133,821	14,364,423	298,697	2.1236
Fairmont	18,571,663	(36,922)	(728,526)	209,694	18,015,909	(555,754)	-2.9925
Falcon Heights	636,328	0	0	1,121	637,449	1,121	0.1762
Faribault	13,543,468	80,437	1,625,127	89,755	15,338,787	1,795,319	13.2560
Farmington	7,050,522	0	420,494	79,331	7,550,347	499,825	7.0892
Fergus Falls	8,876,580	0	128,974	70,634	9,076,188	199,608	2.2487
Forest Lake	2,577,590	0	0	34,032	2,611,622	34,032	1.3203
Fridley	9,316,363	0	(442,309)	45,060	8,919,114	(397,249)	-4.2640
Golden Valley	12,674,225	0	5,328	125,592	12,805,145	130,920	1.0330
Grand Rapids	5,543,990	170,649	476,619	53,067	6,244,325	700,335	12.6323
Ham Lake	3,873,581	0	4,430,757	119,542	8,423,880	4,550,299	117.4701
Hastings	5,970,822	164,317	0	47,490	6,182,629	211,807	3.5474
Hermantown	5,202,547	0	(602,156)	50,842	4,651,233	(551,314)	-10.5970
Hibbing	22,000,659	0	1,772,406	239,998	24,013,063	2,012,404	9.1470
Hopkins	7,102,027	(127,569)	37,089	66,084	7,077,631	(24,396)	-0.3435
Hugo	7,884,118	0	21,783	58,841	7,964,742	80,624	1.0226
Hutchinson	6,925,699	0	69,369	37,801	7,032,869	107,170	1.5474
International Falls	4,564,877	0	(125,584)	47,782	4,487,075	(77,802)	-1.7044
Inver Grove Heights	8,516,740	0	(79,858)	99,412	8,536,294	19,554	0.2296
Lake Elmo	2,659,929	0	0	28,881	2,688,810	28,881	1.0858
Lakeville	23,611,019	0	4,092,590	282,531	27,986,140	4,375,121	18.5300
Lino Lakes	7,167,491	0	1,258,940	105,439	8,531,870	1,364,379	19.0357
Litchfield	4,993,582	0	2,231	67,604	5,063,417	69,835	1.3985

Municipality	1994 Money Needs	Traffic Update	Accomplish. & System Revisions	Unit Cost Update	1995 Money Needs	Net Change	% Change 1994 to 1995
Little Canada	\$3,603,661	\$0	\$946,331	\$40,602	\$4,590,594	\$986,933	27.3870
Little Falls	6,580,055	(145,342)	347,544	51,290	6,833,547	253,492	3.8524
Mahtomedi	1,758,639	0	0	21,614	1,780,253	21,614	1.2290
Mankato	19,978,353	(459,472)	3,742,600	172,189	23,433,670	3,455,317	17.2953
Maple Grove	24,511,786	0	88,983	212,673	24,813,442	301,656	1.2307
Maplewood	12,027,148	0	35,400	99,027	12,161,575	134,427	1.1177
Marshall	6,558,319	(140,414)	0	57,150	6,475,055	(83,264)	-1.2696
Mendota Heights	4,873,431	0	(244,438)	42,647	4,671,640	(201,791)	-4.1406
Minneapolis	192,258,064	(317,492)	2,816,774	1,448,420	196,205,766	3,947,702	2.0533
Minnnetonka	27,009,456	0	(1,036,488)	246,902	26,219,870	(789,586)	-2.9234
Montevideo	4,210,766	0	(98,747)	49,579	4,161,598	(49,168)	-1.1677
Monticello	3,545,588	0	0	35,852	3,581,440	35,852	1.0112
Moorhead	19,934,177	412,979	(157,071)	125,194	20,315,279	381,102	1.9118
Morris	2,545,064	625	0	31,969	2,577,658	32,594	1.2807
Mound	3,455,570	(20,166)	243,846	42,353	3,721,603	266,033	7.6987
Mounds View	2,716,990	(6,332)	1,560,826	48,885	4,320,369	1,603,379	59.0131
New Brighton	6,782,788	(35,972)	(115,801)	55,998	6,687,013	(95,775)	-1.4120
New Hope	9,046,576	0	593,267	42,503	9,682,346	635,770	7.0277
New Ulm	7,544,161	(112,479)	61,580	61,179	7,554,441	10,280	0.1363
Northfield	7,430,438	(96,538)	(141,986)	63,833	7,255,747	(174,691)	-2.3510
North Mankato	6,338,285	0	29,380	53,144	6,420,809	82,524	1.3020
North St. Paul	3,815,452	(79,503)	730,289	49,420	4,515,658	700,206	18.3518
Oak Grove	7,141,463	0	312,864	15,496	7,469,823	328,360	4.5979
Oakdale	7,454,327	0	1,434,532	86,964	8,975,823	1,521,496	20.4109
Orono	9,347,605	143,839	(607,736)	106,198	8,989,906	(357,699)	-3.8266
Otsego	7,935,732	0	119,340	94,290	8,149,362	213,630	2.6920
Owatonna	11,906,857	0	608,816	110,138	12,625,811	718,954	6.0382
Plymouth	23,144,094	0	610,617	204,829	23,959,540	815,446	3.5233
Prior Lake	7,482,042	35,962	(228,808)	84,694	7,373,890	(108,152)	-1.4455
Ramsey	10,830,024	0	0	82,030	10,912,054	82,030	0.7574

Municipality	1994 Money Needs	Traffic Update	Accomplish. & System Revisions	Unit Cost Update	1995 Money Needs	Net Change	% Change 1994 to 1995
Red Wing	\$14,643,636	\$0	\$412,210	\$152,617	\$15,208,463	\$564,827	3.8571
Richfield	15,678,655	(170,873)	(184,592)	100,192	15,423,382	(255,273)	-1.6282
Robbinsdale	5,311,276	(11,580)	64,547	27,194	5,391,437	80,161	1.5093
Rochester	34,283,481	295,605	885,049	184,036	35,648,171	1,364,690	3.9806
Rosemount	10,435,763	0	2,446,522	139,777	13,022,062	2,586,299	24.7830
Roseville	6,565,472	(27,419)	1,701,941	51,858	8,291,852	1,726,380	26.2948
St. Anthony	3,456,902	0	0	32,444	3,489,346	32,444	0.9385
St. Cloud	19,419,531	0	1,000,100	96,035	20,515,666	1,096,135	5.6445
St. Louis Park	13,577,228	0	3,056,244	110,103	16,743,575	3,166,347	23.3210
St. Paul	161,552,306	0	(1,954,548)	1,260,090	160,857,848	(694,458)	-0.4299
St. Peter	6,605,321	0	227,554	75,607	6,908,482	303,161	4.5896
Sartell	3,171,428	0	462,771	41,682	3,675,881	504,453	15.9062
Sauk Rapids	4,350,391	0	378,439	39,345	4,768,175	417,784	9.6034
Savage	12,400,827	0	609,984	108,264	13,119,075	718,248	5.7919
Shakopee	8,108,197	0	114,968	53,575	8,276,740	168,543	2.0787
Shoreview	4,122,788	0	(795,149)	15,045	3,342,684	(780,104)	-18.9218
Shorewood	5,815,122	0	(26,432)	92,594	5,881,284	66,162	1.1378
South St. Paul	7,414,140	(77,656)	(202,771)	59,220	7,192,933	(221,207)	-2.9836
Spring Lake Park	2,092,966	(80,976)	(23,600)	7,481	1,995,871	(97,095)	-4.6391
Stillwater	6,616,047	99,121	(777,817)	46,255	5,983,606	(632,441)	-9.5592
Thief River Falls	8,171,643	0	2,043,772	102,413	10,317,828	2,146,185	26.2638
Vadnais Heights	2,207,414	12,638	0	24,266	2,244,318	36,904	1.6718
Virginia	6,908,688	0	207,890	58,362	7,174,940	266,252	3.8539
Waite Park	2,911,648	0	(175,170)	13,946	2,750,424	(161,224)	-5.5372
Waseca	2,590,480	0	581,559	27,688	3,199,727	609,247	23.5187
West St. Paul	5,745,331	0	38,388	57,986	5,841,705	96,374	1.6774
White Bear Lake	9,774,407	130,914	(44,710)	110,508	9,971,119	196,712	2.0125
Willmar	10,369,648	(38,810)	432,544	106,546	10,869,928	500,280	4.8245
Winona	10,631,558	0	(263,471)	34,033	10,402,120	(229,438)	-2.1581
Woodbury	28,182,872	0	(1,034,552)	221,411	27,369,731	(813,141)	-2.8852
Worthington	5,809,475	(30,298)	52,620	55,591	5,887,388	77,913	1.3411
TOTAL	\$1,582,491,280	\$569,565	\$50,345,370	\$12,919,069	\$1,646,325,284	\$63,834,004	4.0338

1995 Itemized Tabulation of Needs

The 1995 money needs reflects an increase due to the updating of needs, new designations and increase in some unit prices. See the 1995 June Screening Board minutes or the Resolutions for the 1995 needs unit prices.

The 1995 itemized tabulation of needs on the following page shows all the construction items except the "after the fact needs" used in the Municipal State Aid Needs Study. The tabulation is provided to give each municipality the opportunity to compare their needs of the individual construction items to that of other cities. The cost per mile shown on this report does not include bridges and 18% of the engineering cost applied to the bridges because large bridges in some cities distort the average. The average is a more comparable cost for roadway construction cost per mile without bridges.

The overall average cost per mile is \$539,878. Shoreview has the lowest cost per mile with \$244,170 while Fairmont has the highest cost with \$906,456 per mile.

Six cities which exceed \$800,000 per mile are listed alphabetically as follows: Bloomington, Fairmont, Farmington, Minneapolis, St. Paul, and Savage.

1995 ITEM BY ITEM TABULATION OF NEEDS

MUNICIPALITY	GRADING	COMPLETE STORM SEWER	STORM SEWER ADJUSTMENT	BASE	SURFACE	SHOULDER	CURB AND GUTTER	SIDEWALK	SIGNALS	LIGHTING	RETAINING WALLS	BRIDGES	RAILROAD CROSSINGS	ENGINEERING	MAINTENANCE	NEEDS	MILEAGE	COST PER MILE	
ALBERT LEA	\$1,330,235	\$247,530	\$664,742	\$1,580,599	\$1,660,645	\$7,280	\$562,976	\$714,448	\$562,800	\$373,000	\$39,000	\$84,813	\$1,421,500	\$1,664,925	\$123,978	\$11,038,471	18.65	\$587,328	
ALEXANDRIA	687,136	559,730	273,638	1,035,929	1,171,197	368	434,334	607,298	491,000	247,800				991,607	34,038	6,584,571	12.39	531,442	
ANDOVER	518,376	2,573,420		865,452	1,767,283	50,504	700,708	2,559,712	739,400	616,600			110,750	1,890,400	114,418	12,507,023	30.83	405,677	
ANKOKA	633,390	1,302,320	15,202	611,746	938,799		488,671	637,184	291,400	239,600				928,494	88,951	6,155,757	11.98	513,836	
APPLE VALLEY	1,219,691	2,018,150	339,281	2,076,386	2,742,322		817,279	1,655,328	1,394,600	624,600	74,000			2,333,095	207,140	15,501,872	31.23	496,378	
ARDEN HILLS	253,889	751,510	15,202	439,168	524,983		154,355	497,552	253,200	126,600	110,080		164,750	593,515	34,104	3,924,918	6.33	620,050	
AUSTIN	2,821,963	1,139,530	385,578	2,042,638	2,213,407		839,731	1,303,264	825,000	534,600		3,304,370	293,500	2,826,646	190,722	18,720,949	26.73	576,752	
BEMIDJI	839,938	1,146,220	105,032	1,034,507	1,444,032		528,992	771,024	454,400	286,200	10,000	539,110	387,250	1,358,410	97,846	9,002,961	14.31	591,464	
BLAINE	1,278,037	3,973,860	63,572	2,106,328	3,350,305	3,560	1,147,594	2,544,304	1,240,000	655,600				2,945,368	132,640	19,441,168	32.78	593,080	
BLOOMINGTON	6,005,247	7,907,580	1,110,437	10,031,124	13,535,686		3,169,669	4,367,866	4,084,000	1,474,800	21,000	375,760	1,103,760	9,573,608	615,372	63,376,690	73.73	854,468	
BRAINERD	782,936	176,170	428,420	849,936	1,314,970		455,096	440,064	405,400	285,000				924,838	96,110	6,158,940	14.25	432,206	
BROOKLYN CENTER	959,333	1,616,750	614,299	1,312,694	2,794,923		573,233	669,424	907,800	426,000		277,200		1,943,018	149,505	12,887,046	21.3	592,012	
BROOKLYN PARK	1,314,286	3,316,010	504,430	2,410,274	4,167,126		1,050,486	1,476,336	2,068,000	847,800				3,087,853	243,419	20,486,020	45.33	451,931	
BUFFALO	693,193	506,210	159,621	875,500	779,932		406,002	206,400	151,600	151,600	50,000		572,250	878,175	40,258	5,797,205	7.58	764,803	
BURNSVILLE	2,023,816	1,324,620	496,829	2,978,277	3,850,232		1,188,517	1,516,768	2,361,600	873,400				2,990,530	367,199	19,971,788	43.67	457,334	
CAMBRIDGE	312,135	871,930	62,881	413,540	479,853		277,233	253,055	109,600	109,600	60,000	602,140	33,750	645,502	23,277	4,254,897	5.49	665,347	
CHAMPLIN	244,520	747,050	20,039	348,211	1,198,163		326,052	1,135,184	419,600	304,400				853,781	78,186	5,675,186	15.22	372,777	
CHANHASSEN	1,037,021	2,459,690	165,149	1,926,425	2,163,990		976,349	615,792	700,800	402,000	30,000	676,492		2,007,666	66,639	13,230,013	20.1	624,553	
CHASKA	952,827	1,995,850	93,976	1,521,848	1,359,570	1,152	738,551	1,122,736	349,000	277,000	145,000	25,200	134,250	1,569,041	72,993	10,358,931	13.85	746,118	
CHISHOLM	616,628	434,850	109,178	454,203	476,965		211,816	278,432	148,200	148,200				518,128	41,585	3,438,183	7.68	447,650	
CLOQUET	1,337,255	2,183,170	11,056	1,410,578	1,329,823	9,344	609,954	891,744	394,200	361,000	37,000	336,600	730,750	1,735,645	95,435	11,473,554	18.05	617,006	
COLUMBIA HEIGHTS	844,383	842,940	163,767	1,415,804	1,361,092		414,545	62,928	365,200	233,000	350,000		202,675	1,124,336	81,420	7,452,080	11.65	639,664	
COON RAPIDS	1,166,601	800,570	284,692	1,823,118	3,329,852		984,760	1,453,648	1,682,600	780,600		1,801,624		2,539,452	294,701	16,942,218	39.03	387,922	
CORCORAN	2,694,915	147,180		1,158,990	466,663	23,832		40,078	272,000	272,000				933,223	59,840	6,177,617	13.6	454,237	
COTTAGE GROVE	1,482,235	2,243,380	256,361	2,387,069	2,587,453	18,440	947,816	1,970,048	1,203,000	588,200	221,000	570,000		2,605,502	177,361	17,257,865	29.41	567,421	
CROOKSTON	760,029	747,050	232,176	1,002,221	868,151		404,206	713,808	244,600	218,200		4,705,740	800	1,781,458	72,250	11,750,689	10.91	645,733	
CRYSTAL	1,254,913	2,020,380	350,337	1,872,318	1,634,178		977,596	1,505,216	467,400	357,600	48,100			1,905,084	93,775	12,582,647	17.88	707,727	
DETROIT LAKES	325,390	611,020	38,666	424,725	781,322	136	138,622	305,104	233,200	190,800				252,760	594,319	61,898	3,967,989	9.54	414,884
DULUTH	8,752,317	5,363,150	1,467,684	10,312,532	8,093,754	92,344	2,908,922	3,187,456	3,117,000	1,806,800	154,000	7,949,817		686,300	9,700,570	602,172	64,194,818	90.34	622,592
EAGAN	1,493,603	1,899,960	449,841	2,770,059	4,353,276		1,062,948	2,262,960	2,048,800	886,200	174,000			3,205,645	321,426	21,336,218	44.31	481,522	
EAST BETHEL	558,982	1,503,020		646,212	930,534	68,952	402,753	826,736	473,200	473,200	251,063			1,104,238	92,036	7,330,926	23.66	309,845	
EAST GRAND FORKS	590,224	512,900	77,392	575,292	756,997		245,246	57,408	315,200	216,400			222,300	642,482	68,079	4,279,920	10.82	395,556	
EDEN PRAIRIE	1,662,441	3,434,200	662,669	2,988,283	4,474,529		1,784,824	1,355,328	2,032,400	848,000	480,300	690,000	110,750	3,694,267	251,702	24,469,693	42.4	560,842	
EDINA	2,516,546	1,680,340	732,460	3,788,685	4,501,139		1,391,769	1,061,536	1,783,800	787,200	154,600	166,650		3,348,284	253,297	22,203,146	39.36	559,670	
ELK RIVER	1,200,250	3,008,270	62,881	1,355,458	1,830,801	15,640	908,903	2,000,592	777,600	450,200	79,010			3,348,284	253,297	22,203,146	39.36	559,670	
FAIRMONT	2,658,106	3,206,740	65,645	2,629,710	2,229,880		865,183	1,537,344	622,000	387,600	12,000	448,800	493,000	2,728,257	130,644	18,015,909	19.38	906,456	
FALCON HEIGHTS	11,044	13,380	4,146	16,840	127,750		238,336	68,600	58,600	50,800				95,066	14,241	637,449	2.54	250,964	
FARIBAULT	1,500,468	936,600	238,395	2,269,890	2,361,413		737,320	1,643,968	722,400	429,200	10,000	1,404,280	628,250	2,318,806	137,707	15,338,787	21.46	649,325	
FARMINGTON	951,947	1,607,830	6,219	963,889	769,522		443,257	659,152	186,400	174,400	50,000	350,117	209,750	1,147,047	30,817	7,550,347	8.72	825,714	
FERGUS FALLS	883,698	659,390	320,624	1,077,123	1,033,463	3,048	465,688	536,960	383,600	274,800	10,500	542,795	1,448,860	1,372,763	76,986	9,076,188	13.74	621,062	
FOREST LAKE	325,349	515,130	20,730	439,063	335,796		196,007	213,488	81,200	73,800				396,102	14,957	2,611,622	3.69	707,757	
FRIDLEY	793,531	916,530	554,873	1,146,934	2,102,682		490,597	713,400	506,800	506,800			191,500	1,335,032	167,235	8,919,114	25.34	351,978	
GOLDEN VALLEY	1,349,802	1,634,590	394,561	1,844,300	1,896,791		760,675	549,472	765,600	471,000	10,000	475,000	571,375	1,930,171	151,808	12,805,145	23.55	523,573	
GRAND RAPIDS	631,331	800,570	189,334	807,339	1,171,268	1,216	448,196	264,672	411,660	227,200	30,000			940,497	78,852	6,244,325	11.36	549,676	
HAM LAKE	444,427	2,745,130	26,949	641,374	1,297,861	6,520	862,591		457,000	457,000				1,270,560	94,648	8,423,880	22.85	368,660	
HASTINGS	573,110	751,510	226,648	697,418	1,233,409	1,632	367,023	515,776	485,000	289,000	59,820			5,182,629	90,849	5,182,629	14.45	427,864	
HERMANTOWN	352,277	1,023,570	687,954	867,954	805,953	2,744	277,599	169,760	294,800	259,800	10,000			699,205	67,571	4,651,233	12.99	358,603	
HIBBING	4,257,760	2,756,280	353,101	4,708,186	3,046,768	114,984	978,302	1,125,600	1,229,800	1,009,200		16,320	526,500	3,622,108	268,154	24,013,063	50.74	472,935	
HOPKINS	846,120	907,610	178,969	1,170,192	1,204,966		404,384	616,672	425,800	188,200				1,069,723	64,995	7,077,631	9.41	752,139	
HUGO	1,991,785	1,197,510		1,312,402	717,333	44,584	326,061	504,048	304,200	304,200				2,008,384	56,232	7,964,742	15.21	523,652	
HUTCHINSON	622,561	352,340	217,665	736,673	903,650		276,500	480,576	320,200	223,200	25,000	895,950	843,350	1,061,501	74,153				

COMPARISON OF NEEDS BETWEEN 1994 AND 1995

Needs Year	Grading	Complete Storm Sewer	Sewer Adjustment	Base Needs	Surface Needs	Total Shoulder Needs	Curb & Gutter Construction
1994	\$179,852,633	\$174,821,585	\$28,359,144	\$223,573,699	\$248,149,015	\$851,326	\$81,747,499
1995	\$190,062,603	\$187,233,030	\$31,715,518	\$230,747,330	\$256,218,731	\$934,432	\$89,329,097
Difference	\$10,209,970	\$12,411,445	\$3,356,374	\$7,173,631	\$8,069,716	\$83,106	\$7,581,598
%	5.68%	7.10%	11.84%	3.21%	3.25%	9.76%	9.27%

Needs Year	Sidewalk Construction	Traffic Signal Construction	Street Lighting Construction	Retaining Walls	Total Bridge Needs	Railroad Crossing Needs	Engineering
1994	\$110,567,712	\$93,065,200	\$50,030,400	\$15,112,958	\$84,310,734	\$30,009,700	\$237,681,300
1995	\$115,359,968	\$96,378,000	\$51,743,600	\$13,396,871	\$82,787,167	\$35,502,925	\$248,653,643
Difference	\$4,792,256	\$3,312,800	\$1,713,200	(\$1,716,087)	(\$1,523,567)	\$5,493,225	\$10,972,343
%	4.33%	3.56%	3.42%	-11.36%	-1.81%	18.30%	4.62%

Needs Year	Total Maintenance Needs	Total Money Needs	Total Mileage	After the fact Right of way Needs	After the fact Bridge Needs	Overall Apportionment Needs	Needs To Apport. Ratio
1994	\$15,669,295	\$1,573,802,200	2509.20	\$45,015,281	\$10,557,665	\$1,629,375,146	19.9388
1995	\$16,262,369	\$1,646,325,284	2592.42	48,736,091	\$10,557,665	\$1,705,619,040	20.8718
Difference	\$593,074	\$72,523,084	83.22	\$3,720,810	\$0	\$76,243,894	0.9330
%	3.78%	4.61%	3.32%	8.27%	0.00%	4.68%	

Tentative 1996 Money Needs Apportionment Determination

This tabulation shows each municipality's tentative money needs apportionment based on a projected apportionment amount. The actual amount of the road user fund for distribution to the Municipal State Aid Account will not be available until January 1996.

The 25-year construction needs or money needs shown on this report are those computed from the "1995 Needs Study Update". The adjusted 25 year construction needs are the result of subtracting for the Unencumbered Construction Fund and adding or subtracting for Bond Accounts, adding Non-existing Bridge Adjustments, adding Right-of-Way "After the fact needs", and subtracting for the cost of Bituminous Overlays and Concrete Joint Repairs on segments that receive complete needs. These adjustments to the actual needs are made as directed by the Screening Board Resolutions. This summary provides specific data and shows the impact of the adjustment to each municipality for the Screening Board's use in establishing the 1996 tentative Money Needs Apportionment Determination. The adjustments are listed individually following the tentative summary of adjustments to the 25 year actual 1995 Money Needs.

TENTATIVE DETERMINATION OF THE 1996 MONEY NEEDS APPORTIONMENT

Needs value: \$100 in needs = approximately \$2.50 in Apportionment

A adjustment of \$1,335,554 was added to Apple Valley's bond account adjustment and (\$28,835) in Bit Overlay due to a omission in the 1995 apportionment.

Due to a computer error in the 1994 railroad needs computation, a adjustment is included in the Total Affect of Adjustments column. See separate chart.

North Branch's needs are calculated at \$244,170 per mile times 15.90 miles.

Municipality	1995 Actual 25-Year Const. Needs	(-) Unencumbered Construction Fund Balances Deduction	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridges Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	Total Affect Of Adjustments	1995 Adjusted Money Needs	Money Needs Appor- tion- ment Minus Turnback Maintenance	(+) Turnback Main- tenance Adjuct- ment	Tentative 1996 Money Needs Appor- tion- ment	% Of Total Dist
Albert Lea	\$11,038,471	(1,575,117)	--	--	\$6,827	(\$207,278)	(\$1,690,608)	\$9,347,863	\$233,671	--	\$233,671	0.5719
Alexandria	6,594,571	(271,824)	--	--	--	(85,966)	(397,790)	6,226,701	155,652	--	155,652	0.3899
Andover	12,507,023	(492,208)	\$200,000	--	147,283	--	(109,525)	12,397,498	309,903	--	309,903	0.7585
Anoka	6,155,757	(584,430)	(282,235)	--	216,505	(14,214)	(664,374)	5,491,383	137,270	--	137,270	0.3360
Apple Valley	15,501,872	(113,408)	2,546,108	--	--	(57,670)	2,375,030	17,876,902	446,874	--	446,874	1.0937
Arden Hills	3,924,918	(501,784)	--	--	--	--	(501,784)	3,423,134	85,569	--	85,569	0.2094
Austin	18,720,949	(1,578,113)	--	--	--	(4,710)	(1,582,823)	17,138,126	428,406	--	428,406	1.0485
Bemidji	9,002,981	(647,780)	--	--	220,201	(143,356)	(535,535)	8,467,426	211,662	--	211,662	0.5180
Blaine	19,441,168	(2,253,001)	--	--	183,259	(172,996)	(2,242,738)	17,198,430	429,914	--	429,914	1.0522
Bloomington	63,375,690	(4,385,186)	--	2,326,375	5,687,514	(268,282)	3,453,877	66,829,567	1,670,556	--	1,670,556	4.0886
Brainerd	6,158,940	(1,132,841)	--	--	--	--	(1,132,841)	5,026,099	125,639	--	125,639	0.3075
Brooklyn Center	12,887,046	(1,835,225)	2,605,000	--	2,523,341	--	3,293,116	16,180,162	404,460	--	404,460	0.9898
Brooklyn Park	20,486,020	(2,554,577)	--	--	234,817	(323,732)	(2,643,492)	17,842,528	446,014	\$21,168	467,182	1.1434
Buffalo	5,797,295	(362,686)	--	--	--	--	(361,801)	5,435,494	135,870	--	135,870	0.3325
Burnsville	19,971,788	(1,264,162)	--	349,684	1,328,186	--	413,708	20,385,496	509,582	--	509,582	1.2472
Cambridge	4,254,897	--	--	--	--	--	0	4,254,897	106,361	15,480	121,841	0.2982
Champlin	5,675,186	(240,073)	--	--	123,432	--	(116,641)	5,558,545	138,948	--	138,948	0.3401
Chanhassen	13,230,013	(649,995)	--	--	65,000	--	(584,995)	12,645,018	316,091	--	316,091	0.7736
Chaska	10,358,931	--	--	--	92,467	--	92,467	10,451,398	261,256	--	261,256	0.6394
Chisholm	3,438,183	--	--	--	--	--	0	3,438,183	85,945	1,944	87,889	0.2151
Cloquet	11,473,554	--	661,417	--	22,271	--	812,544	12,286,098	307,119	12,600	319,719	0.7825
Columbia Heights	7,452,090	(1,647,632)	--	--	133,200	(466,559)	(1,747,292)	5,704,798	142,604	--	142,604	0.3490
Coon Rapids	16,942,218	(1,806,681)	362,602	--	1,010,152	--	(433,927)	16,508,291	412,662	--	412,662	1.0100
Corcoran	6,177,617	(18,106)	--	--	5,762	--	(12,344)	6,165,273	154,115	--	154,115	0.3772
Cottage Grove	17,257,865	--	75,000	--	425,664	--	500,664	17,758,529	443,915	--	443,915	1.0864
Crocketon	11,750,689	(154,599)	--	--	1,016,538	(66,912)	795,027	12,545,716	313,608	--	313,608	0.7675

Municipality	1995 Actual 25-Year Const. Needs	(-) Unencumbered Construction Fund Balance Deduction	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	Total Affect Of Adjustments	1995 Adjusted Money Needs	Money Needs Apportion- ment Minus Turnback Maintenance	(+) Turnback Main- tenance Adjust- ment	Tentative 1996 Money Needs Apportion- ment	% Of Total Dist.
Crystal	\$12,582,647	(\$1,358,382)	--	--	\$3,817,423	(\$8,257)	\$2,515,212	\$15,097,859	\$377,405	--	\$377,405	0.9237
Detroit Lakes	3,957,989	(810)	--	--	--	--	(810)	3,957,179	98,919	--	98,919	0.2421
Duluth	64,194,818	--	--	\$1,054,200	230,314	(1,288,780)	67,006	64,261,824	1,606,369	--	1,606,369	3.9315
Eagan	21,336,216	--	\$1,490,000	--	392,508	--	1,082,508	23,218,726	580,404	--	580,404	1.4208
East Bethel	7,330,926	(222,420)	--	--	17,200	--	(205,220)	7,125,706	178,123	--	178,123	0.4359
East Grand Forks	4,279,920	(374,128)	15,000	--	121,700	--	33,431	4,313,351	107,822	--	107,822	0.2639
Eden Prairie	24,469,693	(2,126)	(888,337)	974,299	--	--	83,836	24,553,529	613,771	--	613,771	1.5022
Edina	22,203,146	(4,950,129)	--	--	45,298	--	(4,904,831)	17,298,313	432,410	--	432,410	1.0583
Elk River	14,364,423	--	830,000	--	194,227	--	99,706	14,464,129	361,564	--	361,564	0.8849
Fairmont	18,015,909	(189,931)	--	--	74,988	(330,111)	(445,054)	17,570,855	439,223	--	439,223	1.0750
Falcon Heights	637,449	(302,851)	(27,988)	--	--	--	(330,839)	306,610	7,664	--	7,664	0.0188
Faribault	15,336,787	(716,703)	--	--	2,346	(116,466)	(320,146)	15,010,642	375,225	--	375,225	0.9183
Farmington	7,550,347	(567,055)	--	--	83,865	--	(483,190)	7,067,157	176,660	--	176,660	0.4324
Fergus Falls	9,076,188	(1,012,064)	--	--	67,200	(40,902)	(886,782)	8,219,386	205,462	43,632	249,094	0.6098
Forest Lake	2,611,622	--	--	--	27,900	--	27,900	2,639,522	65,981	--	65,981	0.1615
Fridley	8,819,114	(1,153,849)	--	--	95,091	(147,944)	(1,077,856)	7,841,258	196,010	--	196,010	0.4797
Golden Valley	12,805,145	(157,949)	--	--	419,693	--	729,024	13,534,169	338,317	--	338,317	0.8280
Grand Rapids	6,244,325	--	--	--	--	--	200,368	6,524,693	163,099	--	163,099	0.3992
Ham Lake	8,423,880	(153,909)	223,061	--	77,493	--	146,645	8,570,525	214,240	--	214,240	0.5243
Hastings	6,182,629	(75,405)	--	233,038	17,620	--	175,253	6,357,882	158,930	--	158,930	0.3890
Hermantown	4,651,233	(512,495)	--	--	82,468	(182,219)	(612,246)	4,038,987	100,964	--	100,964	0.2471
Hibbing	24,013,063	(1,485,381)	--	--	78,725	--	(1,406,656)	22,606,407	865,098	2,880	567,878	1.3801
Hopkins	7,077,631	(453,308)	--	--	--	--	(453,308)	6,624,323	165,590	--	165,590	0.4053
Hugo	7,964,742	(212,912)	--	--	--	--	(212,912)	7,751,830	193,774	--	193,774	0.4742
Hutchinson	7,032,869	(1,228,726)	--	--	--	--	(1,228,726)	5,804,143	145,088	--	145,088	0.3551
International Falls	4,487,075	(134,211)	--	--	--	(24,631)	(158,842)	4,328,233	108,194	--	108,194	0.2648
Inver Grove Height	8,536,294	--	--	--	1,112,132	--	1,112,132	9,648,426	241,184	--	241,184	0.5903
Lake Elmo	2,688,810	(143,394)	--	--	100,641	--	(42,753)	2,646,057	66,144	--	66,144	0.1619
Lakeville	27,986,140	--	--	--	170,254	--	614,170	28,600,310	714,929	--	714,929	1.7497
Lino Lakes	6,531,870	(479,675)	--	--	64,950	--	(414,725)	6,117,145	202,905	--	202,905	0.4966
Litchfield	5,063,417	(537,210)	--	--	--	--	(537,210)	4,526,207	113,143	--	113,143	0.2769
Little Canada	4,890,594	(173,754)	215,000	--	--	--	41,246	4,631,840	115,763	--	115,763	0.2834
Little Falls	6,833,547	(191,966)	--	--	311,472	--	119,506	6,953,053	173,807	--	173,807	0.4254

Municipality	1995 Actual 25-Year Const Needs	(-) Unencumbered Construction Fund Balance Deduction	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	Total Affect Of Adjustments	1995 Adjusted Money Needs	Money Needs Apportion- ment Minus Turnback Maintenance	(+) Turnback Main- tenance Adjust- ment	Tentative 1996 Money Needs Apportion- ment	% Of Total Dist.
Mahtomedi	\$1,780,253	(\$25,191)	--	--	--	--	(\$25,191)	\$1,755,062	\$43,872	--	\$43,872	0.1074
Mankato	23,433,670	(1,182)	--	--	433,175	(\$102,347)	329,646	23,763,316	594,018	\$1,728	595,746	1.4580
Maple Grove	24,813,442	--	(\$19,701)	--	1,244,255	--	1,411,466	26,224,908	655,551	--	655,551	1.6044
Maplewood	12,161,878	(1,128,776)	--	--	--	(28,378)	(1,121,751)	11,039,824	275,985	--	275,985	0.8784
Marshall	6,475,055	(680,208)	(74,504)	--	60,338	--	(694,374)	5,780,681	144,501	--	144,501	0.3537
Mendota Heights	4,671,640	(57,757)	--	--	8,970	--	(13,307)	4,658,253	118,444	--	118,444	0.2850
Minneapolis	196,205,766	(5,808,396)	--	\$1,493,191	9,486,130	(71,714)	5,099,211	201,304,977	5,032,072	--	5,032,072	12.3156
Minnetonka	26,219,870	--	--	--	71,450	--	71,450	26,291,320	667,211	--	667,211	1.6085
Montevideo	4,161,598	(246,959)	--	--	17,121	--	(229,838)	3,931,760	98,283	--	98,283	0.2405
Monticello	3,581,440	(298,894)	--	--	149,510	--	(149,084)	3,432,356	85,799	--	85,799	0.2100
Moorhead	20,315,279	(858,200)	--	--	130,305	(439,028)	(1,131,523)	19,183,756	479,541	--	479,541	1.1736
Morrie	2,577,850	(53,067)	--	--	2,379	--	(50,688)	2,526,970	63,167	--	63,167	0.1546
Mound	3,721,603	(1,053,771)	--	--	107,446	--	(852,751)	2,868,852	71,713	--	71,713	0.1755
Mounds View	4,320,389	(593,970)	--	--	--	--	(593,970)	3,726,399	93,150	--	93,150	0.2280
New Brighton	6,687,013	(624,991)	--	--	--	--	(180,308)	6,506,705	162,650	--	162,650	0.3981
New Hope	9,882,346	(661,477)	--	--	183,000	(207,238)	(88,718)	9,896,631	224,891	--	224,891	0.5504
New Ulm	7,554,441	(442,531)	--	--	--	--	(68,707)	7,485,734	187,123	--	187,123	0.4580
Northfield	7,255,747	(478,651)	--	--	8,850	--	(374,345)	6,881,402	172,018	--	172,018	0.4210
North Branch	3,882,303	--	--	--	--	--	0	3,882,303	97,047	--	97,047	0.2375
North Mankato	6,420,809	(521,273)	110,000	--	395,146	--	(18,127)	6,404,682	160,000	--	160,000	0.3918
North St. Paul	4,515,658	(656,617)	--	--	78,068	(354,655)	(933,204)	3,582,454	89,552	--	89,552	0.2192
Oak Grove	7,469,823	--	--	--	--	--	0	7,469,823	186,725	--	186,725	0.4570
Oakdale	8,975,823	--	1,008,580	--	211,229	--	1,219,809	10,195,632	254,863	--	254,863	0.6238
Orono	8,989,906	(731,043)	--	--	--	--	(731,043)	8,258,863	206,449	--	206,449	0.5053
Otsego	8,149,362	(403,554)	--	--	8,900	--	(394,654)	7,754,708	193,846	--	193,846	0.4744
Owatonna	12,625,811	(123,035)	--	--	--	--	5,821	12,631,632	315,756	--	315,756	0.7725
Plymouth	23,959,540	(2,416,922)	--	--	192,964	--	(2,037,046)	21,922,494	548,002	--	548,002	1.3412
Prior Lake	7,373,890	--	--	--	281,025	--	281,025	7,654,915	191,352	--	191,352	0.4683
Ramsey	10,912,054	(1,153,399)	200,000	--	180,075	--	(773,324)	10,138,730	253,440	--	253,440	0.6203
Red Wing	15,208,463	(1,085,067)	--	991,307	62,176	(17,877)	(49,402)	15,159,061	378,935	--	378,935	0.9274
Richfield	15,423,382	(2,984,103)	--	--	2,997,333	(26,695)	79,991	15,503,373	387,542	--	387,542	0.9485
Robbinston	5,391,437	(582,407)	--	--	--	(217,974)	(786,953)	4,608,484	116,374	--	116,374	0.2848
Rochester	35,648,171	(2,647,859)	--	--	3,616,427	(326,634)	735,449	36,383,620	909,491	--	909,491	2.2259

Municipality	1995 Actual 25-Year Const. Needs	(-) Unencumbered Construction Fund Balance Deduction	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	Total Affect Of Adjustments	1995 Adjusted Money Needs	Money Needs Apportion- ment Minus Turnback Maintenance	(+) Turnback Main- tenance Adjust- ment	Tentative 1996 Money Needs Apportion- ment	% Of Total Dist.
Rosemount	\$13,022,062	(\$573,680)	--	--	--	--	(\$409,424)	\$12,612,638	\$315,281	--	\$315,281	0.7716
Roseville	8,291,852	(1,176,479)	\$1,415,000	\$2,014,714	\$1,680,726	(\$37,258)	8,050,527	13,342,379	333,523	--	333,523	0.8163
St. Anthony	3,489,346	(280,230)	--	--	--	(116,775)	(397,005)	3,092,341	77,300	--	77,300	0.1892
St. Cloud	20,515,666	(239,929)	1,685,000	--	1,175,435	(62,266)	2,664,440	23,180,106	579,439	\$8,764	588,223	1.4396
St. Louis Park	16,743,575	(734,778)	--	--	46,792	--	(643,146)	16,100,429	402,467	--	402,467	0.9850
St. Paul	160,657,843	(11,474,939)	--	320,857	3,606,344	(230,500)	(7,778,179)	153,079,689	3,926,572	--	3,926,572	9.3652
St. Peter	6,908,482	(578,764)	--	--	26,182	(27,516)	(580,098)	6,328,384	158,192	--	158,192	0.3872
Bartell	3,675,881	(431,891)	--	--	--	--	(431,891)	3,243,990	81,891	--	81,891	0.1985
Sauk Rapids	4,768,175	--	--	--	13,778	--	13,778	4,781,953	119,536	--	119,536	0.2926
Savage	13,119,075	(42,240)	325,000	--	--	--	287,760	13,401,835	335,009	--	335,009	0.8199
Shakopee	8,276,740	(735,749)	--	--	--	--	(735,749)	7,540,991	188,504	--	188,504	0.4613
Shoreview	3,342,684	(411,437)	--	--	--	--	(411,437)	2,931,247	73,273	--	73,273	0.1793
Shorewood	5,881,284	(913,290)	--	--	--	--	(913,290)	4,967,994	124,186	--	124,186	0.3039
South St. Paul	7,192,933	(1,487,909)	--	--	--	(11,288)	(1,499,197)	5,693,736	142,328	--	142,328	0.3483
Spring Lake Park	1,995,871	--	--	--	--	--	0	1,995,871	49,891	--	49,891	0.1221
Stillwater	5,983,606	(515,911)	--	--	104,442	--	(376,069)	5,607,537	140,173	--	140,173	0.3431
Thief River Falls	10,317,828	(54,297)	--	--	42,475	(27,407)	(39,229)	10,278,599	256,937	--	256,937	0.6288
Vadnais Heights	2,244,318	--	--	--	--	--	--	2,244,318	56,102	--	56,102	0.1373
Virginia	7,174,940	--	--	--	--	--	59	7,174,999	179,355	--	179,355	0.4390
Waite Park	2,750,424	(52,324)	--	--	--	--	--	2,750,424	68,753	2,016	70,769	0.1732
Waseca	3,199,727	(160,879)	--	--	5,000	--	(120,361)	3,079,366	76,976	--	76,976	0.1884
West St. Paul	5,841,705	(559,595)	--	--	--	--	(559,595)	5,282,120	132,039	--	132,039	0.3232
White Bear Lake	9,971,119	(902,636)	--	--	279,823	--	(587,413)	9,383,706	234,567	--	234,567	0.5741
Willmar	10,869,929	(405,524)	--	--	152,500	(50,418)	(232,642)	10,637,286	265,903	--	265,903	0.6508
Winona	10,402,120	(623,053)	--	--	340,950	(175,035)	(457,138)	9,944,982	248,598	--	248,598	0.6084
Woodbury	27,369,731	--	(950)	--	280,615	--	279,665	27,649,386	691,160	--	691,160	1.6916
Worthington	5,887,388	(847,520)	--	--	26,842	--	(820,678)	5,066,710	126,655	--	126,655	0.3100
STATE TOTAL	\$1,650,207,587	(\$90,180,214)	\$12,673,053	\$10,557,665	\$48,736,091	(\$6,481,987)	(\$20,064,059)	\$1,630,143,518	\$40,749,118	\$110,232	\$40,859,350	100.0000

Money Needs Apportionment = \$40,749,118 / \$1,630,143,518 = 0.024997258 X City's Adjusted Money Needs
Plus Turnback Maintenance Adjustment

UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

The 1995 amount available is the unencumbered construction fund balance adjustment and is deducted from the city's total needs. See Screening Board Resolution and Determination of the 1995 Money Needs Apportionment on page 31-34.

In 1995, the total amount available was reduced by \$75,077,622. This total includes the difference between the 1994 and 1995 amount available of \$12,083,141 plus \$62,994,481, the 1995 construction allotment.

Municipalities	Unencumbered Amount Available 9-1-94	Unencumbered Amount Available 9-1-95	Difference Between 1994 and 1995	Percentage of Total Amount in 1995 Account	Ratio to City's 1995 Construction Allotment
Albert Lea	\$1,434,418	\$1,575,117	\$140,699	1.7466	4.0588
Alexandria	352,466	271,824	(80,642)	0.3014	1.2533
Andover	139,427	492,208	352,781	0.5458	1.2516
Anoka	126,020	584,430	458,410	0.6481	1.9725
Apple Valley	0	113,408	113,408	0.1258	0.1621
Arden Hills	348,759	501,784	153,025	0.5564	3.2791
Austin	1,609,819	1,578,113	(31,706)	1.7500	2.3053
Bemidji	868,191	647,780	(220,411)	0.7183	2.3644
Blaine	1,723,234	2,253,001	529,767	2.4983	2.9682
Bloomington	2,275,641	4,385,186	2,109,545	4.8627	2.3146
Brainerd	897,710	1,132,841	235,131	1.2562	4.8179
Brooklyn Center	1,620,130	1,835,225	215,095	2.0351	3.0700
Brooklyn Park	1,833,269	2,554,577	721,308	2.8327	2.7271
Buffalo	202,063	362,686	160,623	0.4022	1.9281
Burnsville	1,448,298	1,264,162	(184,136)	1.4018	1.3274
Cambridge	110,006	0	(110,006)	0.0000	0.0000
Champlin	1,012,203	240,073	(772,130)	0.2662	0.6764
Chanhausen	669,038	649,995	(19,043)	0.7208	1.5749
Chaska	627,754	0	(627,754)	0.0000	0.0000
Chisholm	0	0	0	0.0000	0.0000
Cloquet	90,451	0	(90,451)	0.0000	0.0000
Columbia Heights	1,532,730	1,647,632	114,902	1.8270	5.2812
Coon Rapids	1,582,006	1,806,681	224,675	2.0034	1.5822
Corcoran	123,350	18,106	(105,244)	0.0201	0.1132
Cottage Grove	40,000	0	(40,000)	0.0000	0.0000
Crookston	417,860	154,599	(263,261)	0.1714	0.3858
Crystal	1,291,257	1,358,382	67,125	1.5063	2.4323
Detroit Lakes	236,599	810	(235,789)	0.0009	0.0043
Duluth	1,318,047	0	(1,318,047)	0.0000	0.0000
Eagan	0	0	0	0.0000	0.0000
East Bethel	181,372	222,420	41,048	0.2466	0.8184
East Grand Forks	602,684	174,128	(428,556)	0.1931	1.0470
Eden Prairie	514,084	2,126	(511,958)	0.0024	0.0023
Edina	5,526,060	4,950,129	(575,931)	5.4892	5.9797
Elk River	0	0	0	0.0000	0.0000
Fairmont	112,286	189,931	77,645	0.2106	0.3057

Municipalities	Unencumbered Amount Available 9-1-94	Unencumbered Amount Available 9-1-95	Difference Between 1994 and 1995	Percentage of Total Amount in 1995 Account	Ratio to City's 1995 Construction Allotment
Falcon Heights	\$246,233	\$302,851	\$56,618	0.3358	5.3490
Faribault	960,865	716,703	(244,162)	0.7947	1.6572
Farmington	310,906	567,055	256,149	0.6288	2.2138
Fergus Falls	769,674	1,012,064	242,390	1.1223	3.4149
Forest Lake	250,595	0	(250,595)	0.0000	0.0000
Fridley	694,359	1,153,849	459,490	1.2795	2.6394
Golden Valley	1,484,033	157,949	(1,326,084)	0.1751	0.3351
Grand Rapids	355,674	0	(355,674)	0.0000	0.0000
Ham Lake	388,907	153,909	(234,998)	0.1707	0.9106
Hastings	510,139	75,405	(434,734)	0.0836	0.2687
Hermantown	543,831	512,495	(31,336)	0.5683	2.8941
Hibbing	163,083	1,485,381	1,322,298	1.6471	2.3578
Hopkins	264,586	453,308	188,722	0.5027	1.1190
Hugo	0	212,912	212,912	0.2361	1.0000
Hutchinson	920,930	1,228,726	307,796	1.3625	3.9920
International Falls	258,409	134,211	(124,198)	0.1488	0.6060
Inver Grove Heights	0	0	0	0.0000	0.0000
Lake Elmo	0	143,394	143,394	0.1590	1.0000
Lakeville	0	0	0	0.0000	0.0000
Lino Lakes	245,842	479,675	233,833	0.5319	2.0514
Litchfield	380,465	537,210	156,745	0.5957	3.4138
Little Canada	181,975	173,754	(8,221)	0.1927	1.0692
Little Falls	21,602	191,966	170,364	0.2129	0.7174
Mahtomedi	125,683	25,191	(100,492)	0.0279	0.2127
Mankato	1,520,027	1,182	(1,518,845)	0.0013	0.0017
Maple Grove	127,172	0	(127,172)	0.0000	0.0000
Maplewood	567,388	1,128,776	561,388	1.2517	2.0107
Marshall	719,520	680,208	(39,312)	0.7543	2.1916
Mendota Heights	148,470	57,757	(90,713)	0.0640	0.2944
Minneapolis	11,131,300	5,808,396	(5,322,904)	6.4409	0.8602
Minnetonka	1,591,583	0	(1,591,583)	0.0000	0.0000
Montevideo	504,872	246,959	(257,913)	0.2739	1.4877
Monticello	218,459	298,594	80,135	0.3311	2.4174
Moorhead	574,408	858,200	283,792	0.9516	1.1309
Morris	0	53,067	53,067	0.0588	0.3837
Mound	896,741	1,053,771	157,030	1.1685	6.7106
Mounds View	561,747	593,970	32,223	0.6586	3.3312
New Brighton	1,541,685	624,991	(916,694)	0.6930	1.8168
New Hope	667,164	661,477	(5,687)	0.7335	1.8987
New Ulm	83,217	442,531	359,314	0.4907	1.2109
Northfield	762,891	476,651	(286,240)	0.5286	1.6369
North Mankato	349,684	521,273	171,589	0.5780	1.7675

Municipalities	Unencumbered Amount Available 9-1-94	Unencumbered Amount Available 9-1-95	Difference Between 1994 and 1995	Percentage of Total Amount in 1995 Account	Ratio to City's 1995 Construction Allotment
North St. Paul	\$461,802	\$656,617	\$194,815	0.7281	3.3705
Oak Grove	243,956	0	(243,956)	0.0000	0.0000
Oakdale	0	0	0	0.0000	0.0000
Orono	620,436	731,043	110,607	0.8106	2.9018
Otsego	355,615	403,554	47,939	0.4475	1.9494
Owatonna	1,172,351	123,035	(1,049,316)	0.1364	0.2289
Plymouth	2,820,420	2,416,922	(403,498)	2.6801	1.9790
Prior Lake	686,788	0	(686,788)	0.0000	0.0000
Ramsey	888,335	1,153,399	265,064	1.2790	3.1594
Red Wing	1,274,421	1,085,067	(189,354)	1.2032	2.7857
Richfield	3,572,625	2,984,103	(588,522)	3.3090	4.3555
Robbinsdale	537,255	582,407	45,152	0.6458	1.8633
Rochester	2,918,408	2,647,859	(270,549)	2.9362	1.7493
Rosemount	307,493	573,680	266,187	0.6361	1.7322
Roseville	713,894	1,176,479	462,585	1.3046	1.9687
St. Anthony	206,642	280,230	73,588	0.3107	1.9234
St. Cloud	437,029	239,929	(197,100)	0.2661	0.2870
St. Louis Park	1,476,414	734,778	(741,636)	0.8148	1.1869
St. Paul	10,473,157	11,474,939	1,001,782	12.7245	1.9079
St. Peter	346,780	578,764	231,984	0.6418	2.0215
Sartell	281,423	431,891	150,468	0.4789	2.8703
Sauk Rapids	488,693	0	(488,693)	0.0000	0.0000
Savage	225,673	42,240	(183,433)	0.0468	0.1184
Shakopee	309,562	735,749	426,187	0.8159	2.0741
Shoreview	85,754	411,437	325,683	0.4562	0.9254
Shorewood	776,055	913,290	137,235	1.0127	5.5720
South St. Paul	1,302,079	1,487,909	185,830	1.6499	4.3846
Spring Lake Park	463,501	0	(463,501)	0.0000	0.0000
Stillwater	1,574,442	515,911	(1,058,531)	0.5721	2.0460
Thief River Falls	90,490	54,297	(36,193)	0.0602	0.1904
Vadnais Heights	0	0	0	0.0000	0.0000
Virginia	312,771	0	(312,771)	0.0000	0.0000
Waite Park	0	52,324	52,324	0.0580	0.3654
Waseca	36,249	160,879	124,630	0.1784	0.8984
West St. Paul	801,828	559,585	(242,243)	0.6205	1.6548
White Bear Lake	744,023	902,636	158,613	1.0009	2.0020
Willmar	421,337	405,524	(15,813)	0.4497	1.0427
Winona	136,600	623,053	486,453	0.6909	1.2808
Woodbury	1,783,151	0	(1,783,151)	0.0000	0.0000
Worthington	1,004,552	847,520	(157,032)	0.9398	3.2990
TOTAL	\$102,263,355	\$90,180,214	(\$12,083,141)	100.0000	1.4316

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 1994)

(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.

A adjustment of \$1,335,554 will be added to Apple Valley bond account adjustment due to a omission in the 1995 January apportionment .

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 Disbursement	(D minus C minus E) Bond Account Adjustment
Andover	8-01-88	\$500,000	\$500,000	\$0	\$200,000		\$200,000
Anoka	7-01-86	985,000	552,765	432,235	150,000		(282,235)
Apple Valley	12-01-74	100,000	100,000	0	5,000		5,000
Apple Valley	8-01-79	875,000	875,000	0	430,000		430,000
Apple Valley	9-09-91	1,730,000	1,730,000	0	1,555,000	779,446	775,554
Brooklyn Center	9-01-91	3,000,000	3,000,000	0	2,605,000		2,605,000
Cambridge	8-01-94	650,000	0	650,000	650,000		0
Cloquet	12-01-93	835,000	741,417	93,583	755,000		661,417
Coon Rapids	8-01-90	1,935,000	1,907,602	27,398	390,000		362,602
Cottage Grove	5-01-77	560,000	560,000	0	75,000		75,000
Eagan	7-01-86	3,000,000	3,000,000	0	1,490,000		1,490,000
East Grand Forks	9-01-65	325,000	325,000	0	15,000		15,000

Municipality	Date of Issue	(A)	(B)	(C)	(D)	(E)	(D Minus C)
		Amount of Issue	Total Amount Applied Toward State Aid Projects	(A Minus B) Amount Not Applied Toward State Aid Projects	Remaining Amount of Principal To Be Paid	Off System Disbursement	Bond Account Adjustment
Eden Prairie	11-10-91	\$370,000	\$261,663	\$108,337	\$370,000		\$261,663
Eden Prairie	7-01-92	1,940,000	0	1,940,000	790,000		(1,150,000)
Elk River	6-01-92	1,095,000	1,095,000	0	830,000		830,000
Falcon Heights	4-21-80	170,000	142,012	27,988	0		(27,988)
Ham Lake	9-01-94	530,000	223,061	306,939	530,000		223,061
Little Canada	11-01-93	315,000	300,000	15,000	230,000		215,000
Maple Grove	7-16-79	1,100,000	1,080,299	19,701	0		(19,701)
Maple Grove	11-01-94	3,620,000	0	3,620,000	3,620,000		0
Marshall	7-01-81	310,000	235,496	74,504	0		(74,504)
North Mankato	6-01-86	550,000	550,000	0	110,000		110,000
Oakdale	11-10-92	453,181	453,181	0	371,188		371,188
Oakdale	11-23-93	887,640	637,392	250,248	887,640		637,392
Ramsey	3-13-91	500,000	500,000	0	200,000		200,000
Rosemount	7-05-94	700,000	0	700,000	700,000		0
Roseville	12-01-85	2,225,000	2,225,000	0	1,415,000		1,415,000
St. Cloud	7-01-82	390,000	390,000	0	70,000		70,000
St. Cloud	11-01-92	1,940,000	1,755,000	185,000	1,800,000		1,615,000
Savage	10-01-87	875,000	875,000	0	325,000		325,000
Woodbury	10-01-94	3,890,000	0	3,890,000	3,890,000		0
Woodbury	11-12-75	263,000	262,050	950	0		(950)
TOTAL		\$36,618,821	\$24,276,938	\$12,341,883	\$24,458,828	\$779,446	\$11,337,499

NEEDS ADJUSTMENT FOR APPLE VALLEY

THE 1995 JANUARY APPORTIONMENT BOOKLET DID NOT REFLECT APPLE VALLEY'S TOTAL NET ADJUSTMENTS ON PAGE 22. THE AMOUNT DID NOT INCLUDE \$1,335,554 FOR A BOND ACCOUNT ADJUSTMENT AND A NEGATIVE ADJUSTMENT OF (\$28,835) FOR A BIT. OVERLAY. THIS RESULTED IN A REDUCTION OF \$1,306,719 IN NEEDS AND \$34,244 IN ALLOCATION. THE NEEDS STUDY SUBCOMMITTEE RECOMMENDS THAT A NEEDS ADJUSTMENT BE MADE TO THEIR 1995 MONEY NEEDS AND REFLECTED IN THE 1996 ALLOCATION.

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 that is eligible for State Aid reimbursement for a 15-year period." This directive to exclude all Federal or State grants.

Municipality	First Year of Adjustment	Year of Apportionment Expiration	15 Years Amount Expired	Amount
Bloomington	1987 & 1990	2001 & 2004		\$2,326,375
Burnsville	1986	2000		349,684
* Duluth	1987	2001		1,054,200
Eden Prairie	1985	1999		974,299
Hastings	1983	1997		233,038
Minneapolis	1983 & 1986	1997 & 2000		1,493,191
Red Wing	1986	2000		991,307
Roseville	1987	2001		2,814,714
St. Paul	1983	1997		320,857
TOTAL			\$0	\$10,557,665

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

PROJECT LISTING OF RIGHT-OF-WAY ACQUISITION

MUNICIPALITY	PROJECT	PROJECT AMOUNT	TOTAL ADJUSTMENT
Albert Lea	101-134-01	\$5,875	\$5,875
Bloomington	107-399-14	3,707,100	3,707,100
Brooklyn Park	110-103-10	92,043	92,043
Duluth	118-142-05	88,665	
	118-160-16	8,800	97,465
Elk River	204-113-05	170,020	
	204-113-08	16,207	186,227
Ham Lake	197-104-03	10,322	
	197-110-10	4,301	
	197-114-02	16,909	
	197-114-05	13,471	
	197-116-01	6,474	
			51,477
Hermantown	202-103-03	36,860	36,860
Maple Grove	189-101	35,880	
	189-102	8,762	
	189-104	3,522	
	189-106	654,605	
			702,769
Minneapolis	141-223-16	360,503	
	141-418-02	451,180	
	141-419-02	17,113	828,796
Montevideo	143-114-01	17,121	17,121
Moorhead	144-133-01	50,000	50,000
Prior Lake	201-106-03	59,230	
	201-114-02	12,670	
			71,900
Sauk Rapids	191-107-02	3,944	3,944
Woodbury	192-108-45	17,807	
	192-109-09	22,900	
			40,707
TOTAL			\$5,892,284

NEEDS ADJUSTMENT FOR RIGHT-OF-WAY ACQUISITION

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

MUNICIPALITY	1979-1993 RIGHT-OF-WAY EXPENDITURES	+	1994 RIGHT-OF-WAY EXPENDITURES	-	1979 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 1996 APPORTIONMENT
Albert Lea	\$952		\$5,875		--		\$6,827
Alexandria	--		--		--		--
Andover	147,283		--		--		147,283
Anoka	216,505		--		--		216,505
Apple Valley	--		--		--		--
Arden Hills	--		--		--		--
Austin	--		--		--		--
Bemidji	220,201		--		--		220,201
Blaine	183,259		--		--		183,259
Bloomington	1,980,414		3,707,100		--		5,687,514
Brainerd	--		--		--		--
Brooklyn Center	2,523,341		--		--		2,523,341
Brooklyn Park	142,774		92,043		--		234,817
Buffalo	--		--		--		--
Burnsville	1,328,186		--		--		1,328,186
Cambridge	--		--		--		--
Champlin	123,432		--		--		123,432
Chanhassen	65,000		--		--		65,000
Chaska	92,467		--		--		92,467
Chisholm	--		--		--		--
Cloquet	22,271		--		--		22,271
Columbia Heights	133,200		--		--		133,200
Coon Rapids	1,010,152		--		--		1,010,152
Corcoran	5,762		--		--		5,762
Cottage Grove	425,664		--		--		425,664
Crookston	1,108,538		--		(92,000)		1,016,538
Crystal	4,102,777		--		(285,354)		3,817,423
Detroit Lakes	--		--		--		--
Duluth	132,849		97,465		--		230,314
Eagan	392,508		--		--		392,508
East Bethel	17,200		--		--		17,200
East Grand Forks	121,700		--		--		121,700
Eden Prairie	--		--		--		--
Edina	45,296		--		--		45,296
Elk River	8,000		186,227		--		194,227
Fairmont	74,988		--		--		74,988
Falcon Heights	--		--		--		--
Faribault	2,346		--		--		2,346
Farmington	83,865		--		--		83,865

MUNICIPALITY	1979-1993 RIGHT-OF-WAY EXPENDITURES	+	1994 RIGHT-OF-WAY EXPENDITURES	-	1979 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 1996 APPORTIONMENT
Fergus Falls	\$67,200		--		--		\$67,200
Forest Lake	27,900		--		--		27,900
Fridley	95,081		--		--		95,081
Golden Valley	1,140,625		--		(720,932)		419,693
Grand Rapids	--		--		--		--
Ham Lake	26,016		51,477		--		77,493
Hastings	17,620		--		--		17,620
Hermantown	45,608		36,860		--		82,468
Hibbing	78,725		--		--		78,725
Hopkins	--		--		--		--
Hugo	--		--		--		--
Hutchinson	--		--		--		--
International Falls	--		--		--		--
Inver Grove Heights	1,112,132		--		--		1,112,132
Lake Elmo	100,641		--		--		100,641
Lakeville	170,254		--		--		170,254
Lino Lakes	64,950		--		--		64,950
Litchfield	--		--		--		--
Little Canada	43,300		--		(43,300)		--
Little Falls	311,472		--		--		311,472
Mahtomedi	--		--		--		--
Mankato	433,175		--		--		433,175
Maple Grove	541,486		702,769		--		1,244,255
Maplewood	--		--		--		--
Marshall	60,338		--		--		60,338
Mendota Heights	8,970		--		--		8,970
Minneapolis	9,447,100		828,796		(789,766)		9,486,130
Minnetonka	282,150		--		(210,700)		71,450
Montevideo	--		17,121		--		17,121
Monticello	149,510		--		--		149,510
Moorhead	80,305		50,000		--		130,305
Morris	2,379		--		--		2,379
Mound	107,446		--		--		107,446
Mounds View	--		--		--		--
New Brighton	--		--		--		--
New Hope	183,000		--		--		183,000
New Ulm	--		--		--		--
Northfield	8,850		--		--		8,850
North Mankato	395,146		--		--		395,146
North St. Paul	78,068		--		--		78,068
Oak Grove	--		--		--		--
Oakdale	211,229		--		--		211,229

MUNICIPALITY	1979-1993 RIGHT-OF-WAY EXPENDITURES	+	1994 RIGHT-OF-WAY EXPENDITURES	-	1979 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 1996 APPORTIONMENT
Orono	--		--		--		--
Otsego	\$8,900		--		--		\$8,900
Owatonna	--		--		--		--
Plymouth	192,964		--		--		192,964
Prior Lake	209,125		\$71,900		--		281,025
Ramsey	180,075		--		--		180,075
Red Wing	62,176		--		--		62,176
Richfield	2,997,333		--		--		2,997,333
Robbinsdale	--		--		--		--
Rochester	3,616,427		--		--		3,616,427
Rosemount	--		--		--		--
Roseville	1,660,726		--		--		1,660,726
St. Anthony	--		--		--		--
St. Cloud	1,175,435		--		--		1,175,435
St. Louis Park	46,792		--		--		46,792
St. Paul	3,635,766		100,251		(129,673)		3,606,344
St. Peter	26,182		--		--		26,182
Sartell	--		--		--		--
Sauk Rapids	9,834		3,944		--		13,778
Savage	--		--		--		--
Shakopee	--		--		--		--
Shoreview	--		--		--		--
Shorewood	--		--		--		--
South St. Paul	--		--		--		--
Spring Lake Park	--		--		--		--
Stillwater	104,442		--		--		104,442
Thief River Falls	42,475		--		--		42,475
Vadnais Heights	--		--		--		--
Virginia	--		--		--		--
Waite Park	--		--		--		--
Waseca	5,000		--		--		5,000
West St. Paul	--		--		--		--
White Bear Lake	279,823		--		--		279,823
Willmar	152,500		--		--		152,500
Winona	340,950		--		--		340,950
Woodbury	239,908		40,707		--		280,615
Worthington	26,842		--		--		26,842
TOTAL	\$45,015,281		\$5,992,535		(\$2,271,725)		\$48,736,091

**1994 BITUMINOUS OVERLAY AND
CONCRETE JOINT REPAIR ADJUSTMENTS**

MUNICIPALITY	IMPROVEMENT	PROJECT NUMBER	ADJUSTMENT FOR PROJECTS CONSTRUCTED IN 1994	TOTAL ADJUSTMENT FOR PROJECTS CONSTRUCTED IN 1994
Albert Lea	Bit. overlay etc.	101-110-15	\$41,433	\$143,578
		101-119-03	45,908	
		101-123-04	56,237	
Austin	Bit. overlay etc.	104-134-04	4,710	4,710
Brooklyn Park	Bit. overlay etc.	110-101-10	148,107	323,732
		110-102-09	82,274	
		110-110-06	93,351	
Columbia Heights	Bit. overlay etc.	113-103-04	42,160	129,424
		113-106-06	48,535	
		113-112-05	38,729	
Crookston	Bit. overlay etc.	115-126-06	16,720	16,720
Fairmont	Bit. overlay etc.	123-111-07	188,766	188,766
Faribault	Bit. overlay etc.	125-104-05	17,172	17,172
International Falls	Bit. overlay etc.	134-113-03	11,119	24,631
		134-113-04	13,512	
Moorhead	Bit. overlay etc.	144-123-08	71,300	234,520
		144-136-01	163,220	
Rochester	Conc. Jt. Repair	159-106-12	29,545	29,545
Roseville	Bit. overlay etc.	160-217-42	37,258	37,258
St. Cloud	Bit. overlay etc.	162-132-14	13,087	13,087
TOTAL				\$1,163,143

**TOTAL NEEDS ADJUSTMENT FOR
BITUMINOUS OVERLAY AND
CONCRETE JOINT REPAIR PROJECTS**

IF, DURING THE PERIOD THAT COMPLETE NEEDS ARE BEING RECEIVED THE STREET IS IMPROVED WITH A BITUMINOUS OVERLAY, CONCRETE JOINT REPAIR OR IS WIDENED, THE MUNICIPALITY WILL CONTINUE TO RECEIVE COMPLETE NEEDS BUT SHALL HAVE THE STATE AID COST OF THE BITUMINOUS RESURFACING OR CONCRETE JOINT REPAIR OR WIDENED CONSTRUCTION PROJECT PLUS ANY ITEMS CONSTRUCTED THAT ARE INCLUDED IN THE NEEDS DEDUCTED FROM ITS TOTAL NEEDS FOR A PERIOD OF TEN YEARS.

MUNICIPALITY	1991-1994 ADJUSTMENTS	+	1995 ADJUSTMENTS	=	TOTAL NEEDS ADJUSTMENT FOR THE 1996 APPORTIONMENT
ALBERT LEA	\$63,700		\$143,578		\$207,278
ALEXANDRIA	85,966		--		85,966
ANOKA	14,214		--		14,214
APPLE VALLEY	28,835		--		28,835
AUSTIN	--		4,710		4,710
BEMIDJI	143,356		--		143,356
BLAINE	172,996		--		172,996
BLOOMINGTON	268,282		--		268,282
BROOKLYN PARK	--		323,732		323,732
COLUMBIA HEIGHTS	337,135		129,424		466,559
CROOKSTON	50,192		16,720		66,912
CRYSTAL	8,257		--		8,257
DULUTH	1,288,780		--		1,288,780
FAIRMONT	141,345		188,766		330,111
FARIBAULT	99,296		17,172		116,468
FERGUS FALLS	40,902		--		40,902
FRIDLEY	147,944		--		147,944
HERMANTOWN	182,219		--		182,219
INTERNATIONAL FALLS	--		24,631		24,631
MANKATO	102,347		--		102,347
MAPLEWOOD	28,375		--		28,375
MINNEAPOLIS	71,714		--		71,714
MOORHEAD	204,508		234,520		439,028
NEW HOPE	207,238		--		207,238
NORTH ST PAUL	354,655		--		354,655
RED WING	17,877		--		17,877
RICHFIELD	26,695		--		26,695
ROBBINSDALE	217,974		--		217,974
ROCHESTER	297,089		29,545		326,634
ROSEVILLE	--		37,258		37,258
ST. ANTHONY	116,775		--		116,775
ST. CLOUD	49,179		13,087		62,266
ST. PAUL	230,500		--		230,500
ST. PETER	27,516		--		27,516
SO. ST. PAUL	11,288		--		11,288
THIEF RIVER FALLS	27,407		--		27,407
WILLMAR	50,418		--		50,418
WINONA	175,035		--		175,035
TOTAL	\$5,290,009		\$1,163,143		\$6,453,152

Railroad Adjustments

A computer miscalculation for railroad costs was discovered which resulted in a reduction of 1994 needs for the following cities:

These needs are included in the total affect of adjustments in the tentative money needs apportionment spreadsheet.

Municipality	Railroad Needs not Received in 1994
Albert Lea	\$84,960
Andover	35,400
Bemidji	35,400
Bloomington	93,456
Buffalo	885
Cloquet	128,856
Columbia Heights	233,699
Crystal	64,428
Duluth	71,272
East Grand Forks	70,859
Faribault	502,680
Fergus Falls	128,974
Fridley	128,856
Golden Valley	467,280
Grand Rapids	280,368
Lakeville	443,916
Maple Grove	186,912
Maplewood	35,400
Mendota Heights	35,400
Moorhead	35,400
Mound	93,574
New Brighton	444,683
New Ulm	373,824
Northfield	93,456
Owatonna	128,856
Plymouth	186,912
Red wing	59
Richfield	93,456
Robbinsdale	64,428
Rochester	93,515
Rosemount	164,256
Roseville	373,824
St. Cloud	106,200
St. Louis Park	44,840
St. Paul	59
Stillwater	35,400
Virginia	59
Waseca	35,518
White Bear Lake	35,400
Willmar	70,800
TOTAL	\$5,438,178

TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE

The following tabulation shows the Trunk Highway Turnback Maintenance allowance for the 1996 Apportionment. All turnbacks eligible for maintenance payments are included in this tabulation as of December 31, 1995. 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 1995.

Msas Route No.	Date of Release	Project Number	Plan Approved	Total Mileage	Miles Const.	Miles Eligible for TB Maint.	Date of MSAS Designation	Maintenance Allowance Eligible Miles X \$7,200	Total Turnback Maintenance Allocation
Brooklyn Park									
139 (TH 252)	7-15-94		No	2.94	0.00	2.94	12-94	21,168	21,168
Cambridge									
113 (TH 65)	11-1-94		No	2.15	0.00	2.15	12-94	15,480	15,480
Chisholm									
248 (TH 169)	12-30-94	111-248-01	Yes	0.72	0.45	0.27	12-94	1,944	1,944
Cloquet									
139 (TH 45)	11-15-94		No	1.75	0.00	1.75	11-94	12,600	12,600
Fergus Falls									
104 (TH 59)	11-1-94		No	2.60	0.00	2.60	11-94	18,720	
109 (TH 210)	11-1-94		No	2.07	0.00	2.07	11-94	14,904	
132 (TH 59)	11-1-94		No	1.39	0.00	<u>1.39</u>	11-94	<u>10,008</u>	
						6.06		43,632	43,632
Hibbing									
175 & 226 (TH 73)	6-91		No	2.72	2.32	0.40	7-91	2,880	2,880
Mankato									
101 (TH 60)	4-85	137-101-04	Yes	1.10	0.86	0.24	06-85	1,728	1,728
St. Cloud									
115,131,145 (TH15)	10-90	162-145-01	Yes	2.33	1.11	1.22	12-90	8,784	8,784
Waite Park									
105 (TH 23)	04-92	221-105-01	Yes	0.52	0.24	0.28	05-93	2,016	2,016
TOTAL				20.29	4.98	15.31			\$110,232

October 25, 1995

James N. Denn, Commissioner
Minnesota Department of Transportation
Room 411
State Transportation Building
St. Paul, Minnesota 55155

Dear Commissioner Denn,

We, the undersigned, as members of the 1995 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 or annexation 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 1995 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

Respectfully submitted,

Dave Sonnenberg
Chairman

Dale Swanson
Vice Chairman

Brian Bachmeier
Secretary

Approved by:

Dave Halter
District 1

Gary Sanders
District 2

Curt Kreklau
District 3

Gary Nansen
District 4

Larry Anderson
Metro-West

William Malin
District 6

Ken Saffert
District 7

John Roderberg
District 8

Brian Bachmeier
Metro-East

Kenneth Larson
Duluth

Ramankutty Kannankutty
Minneapolis

Paul St. Martin
St. Paul

1995 ADJUSTED MONEY NEEDS RECOMMENDATIONS

Municipality	Adjusted Money Needs	Municipality	Adjusted Money Needs
Albert Lea	\$9,347,863	Forest Lake	\$2,639,522
Alexandria	6,226,781	Fridley	7,841,258
Andover	12,397,498	Golden Valley	13,534,169
Anoka	5,491,383	Grand Rapids	6,524,693
Apple Valley	17,876,902	Ham Lake	8,570,525
Arden Hills	3,423,134	Hastings	6,357,882
Austin	17,138,126	Hermantown	4,038,987
Bemidji	8,467,426	Hibbing	22,606,407
Blaine	17,198,430	Hopkins	6,624,323
Bloomington	66,829,567	Hugo	7,751,830
Brainerd	5,026,099	Hutchinson	5,804,143
Brooklyn Center	16,180,162	International Falls	4,328,233
Brooklyn Park	17,842,528	Inver Grove Heights	9,648,426
Buffalo	5,435,404	Lake Elmo	2,646,057
Burnsville	20,385,496	Lakeville	28,600,310
Cambridge	4,254,897	Lino Lakes	8,117,145
Champlin	5,558,545	Litchfield	4,526,207
Chanhausen	12,645,018	Little Canada	4,631,840
Chaska	10,451,398	Little Falls	6,953,053
Chisholm	3,438,183	Mahtomedi	1,755,062
Cloquet	12,286,098	Mankato	23,763,316
Columbia Heights	5,704,798	Maple Grove	26,224,908
Coon Rapids	16,508,291	Maplewood	11,039,824
Corcoran	6,165,273	Marshall	5,780,681
Cottage Grove	17,758,529	Mendota Heights	4,658,253
Crookston	12,545,716	Minneapolis	201,304,977
Crystal	15,097,859	Minnnetonka	26,291,320
Detroit Lakes	3,957,179	Montevideo	3,931,760
Duluth	64,261,824	Monticello	3,432,356
Eagan	23,218,726	Moorhead	19,183,756
East Bethel	7,125,706	Morris	2,526,970
East Grand Forks	4,313,351	Mound	2,868,852
Eden Prairie	24,553,529	Mounds View	3,726,399
Edina	17,298,313	New Brighton	6,506,705
Elk River	14,464,129	New Hope	8,996,631
Fairmont	17,570,855	New Ulm	7,485,734
Falcon Heights	306,610	Northfield	6,881,402
Faribault	15,010,642	North Branch	3,882,303
Farmington	7,067,157	North Mankato	6,404,682
Fergus Falls	8,219,396	North St. Paul	3,582,454

Municipality	Adjusted Money Needs
Oak Grove	\$7,469,823
Oakdale	10,195,632
Orono	8,258,863
Otsego	7,754,708
Owatonna	12,631,632
Plymouth	21,922,494
Prior Lake	7,654,915
Ramsey	10,138,730
Red Wing	15,159,061
Richfield	15,503,373
Robbinsdale	4,655,484
Rochester	36,383,620
Rosemount	12,612,638
Roseville	13,342,379
St. Anthony	3,092,341
St. Cloud	23,180,106
St. Louis Park	16,100,429
St. Paul	153,079,669
St. Peter	6,328,384
Sartell	3,243,990
Sauk Rapids	4,781,953
Savage	13,401,835
Shakopee	7,540,991
Shoreview	2,931,247
Shorewood	4,967,994
South St. Paul	5,693,736
Spring Lake Park	1,995,871
Stillwater	5,607,537
Thief River Falls	10,278,599
Vadnais Heights	2,244,318
Virginia	7,174,999
Waite Park	2,750,424
Waseca	3,079,366
West St. Paul	5,282,120
White Bear Lake	9,383,706
Willmar	10,637,286
Winona	9,944,982
Woodbury	27,649,396
Worthington	5,066,710
STATE TOTAL	\$1,630,143,518

THEORETICAL 1996 M.S.A.S. TOTAL APPORTIONMENT

The following tabulation shows each municipality's tentative money needs and population apportionment amounts for 1996. The tentative apportionment shown in this summary is for informational purposes only. The actual revenue will be announced in January 1996, when the Commissioner of Transportation determines the annual allotments.

Municipalities	Population Apportionment	Money Needs Apportionment	Theoretical 1996 Total Apportionment	Distribution Percentage
Albert Lea	\$252,533	\$233,671	\$486,204	0.5950
Alexandria	113,625	155,652	269,277	0.3295
Andover	268,053	309,903	577,956	0.7073
Anoka	241,117	137,270	378,387	0.4630
Apple Valley	539,658	446,874	986,532	1.2072
Arden Hills	129,806	85,569	215,375	0.2636
Austin	303,651	428,406	732,057	0.8958
Bemidji	158,284	211,662	369,946	0.4527
Blaine	573,673	429,914	1,003,587	1.2281
Bloomington	1,193,713	1,670,556	2,864,269	3.5050
Brainerd	172,427	125,639	298,066	0.3647
Brooklyn Center	397,803	404,460	802,263	0.9817
Brooklyn Park	805,205	467,182	1,272,387	1.5570
Buffalo	106,340	135,870	242,210	0.2964
Burnsville	750,864	509,582	1,260,446	1.5424
Cambridge	71,912	121,841	193,753	0.2371
Champlin	262,062	138,948	401,010	0.4907
Chanhassen	197,146	316,091	513,237	0.6281
Chaska	188,952	261,256	450,208	0.5509
Chisholm	72,849	87,889	160,738	0.1967
Cloquet	152,445	319,719	472,164	0.5778
Columbia Heights	260,410	142,604	403,014	0.4932
Coon Rapids	812,366	412,662	1,225,028	1.4991
Corcoran	75,851	154,115	229,966	0.2814
Cottage Grove	367,342	443,915	811,257	0.9927
Crookston	112,413	313,608	426,021	0.5213
Crystal	327,585	377,405	704,990	0.8627
Detroit Lakes	100,460	98,919	199,379	0.2440
Duluth	1,180,809	1,606,369	2,787,178	3.4107
Eagan	756,814	580,404	1,337,218	1.6364
East Bethel	119,835	178,123	297,958	0.3646
East Grand Forks	123,209	107,822	231,031	0.2827
Eden Prairie	608,527	613,771	1,222,298	1.4957
Edina	645,048	432,410	1,077,458	1.3185
Elk River	176,420	361,564	537,984	0.6583

Municipalities	Population Apportion- ment	Money Needs Apportion- ment	Theoretical 1996 Total Apportion- ment	Distribution Percentage
Fairmont	\$156,301	\$439,223	\$595,524	0.7287
Falcon Heights	74,088	7,664	81,752	0.1000
Faribault	254,654	375,225	629,879	0.7708
Farmington	94,607	176,660	271,267	0.3320
Fergus Falls	173,460	249,094	422,554	0.5171
Forest Lake	88,093	65,981	154,074	0.1885
Fridley	390,202	196,010	586,212	0.7174
Golden Valley	288,792	338,317	627,109	0.7674
Grand Rapids	112,413	163,099	275,512	0.3371
Ham Lake	135,300	214,240	349,540	0.4277
Hastings	223,090	158,930	382,020	0.4675
Hermantown	99,661	100,964	200,625	0.2455
Hibbing	248,512	567,978	816,490	0.9991
Hopkins	227,717	165,590	393,307	0.4813
Hugo	71,926	193,774	265,700	0.3251
Hutchinson	167,648	145,088	312,736	0.3827
International Falls	114,313	108,194	222,507	0.2723
Inver Grove Heights	347,622	241,184	588,806	0.7205
Lake Elmo	83,618	66,144	149,762	0.1833
Lakeville	458,217	714,929	1,173,146	1.4356
Lino Lakes	168,915	202,906	371,821	0.4550
Litchfield	84,526	113,143	197,669	0.2419
Little Canada	127,038	115,783	242,821	0.2971
Little Falls	104,591	173,807	278,398	0.3407
Mahtomedi	87,487	43,872	131,359	0.1607
Mankato	439,378	595,746	1,035,124	1.2667
Maple Grove	599,617	655,551	1,255,168	1.5360
Maplewood	453,108	275,965	729,073	0.8922
Marshall	170,719	144,501	315,220	0.3857
Mendota Heights	146,468	116,444	262,912	0.3217
Minneapolis	5,073,007	5,032,072	10,105,079	12.3657
Minnetonka	696,386	657,211	1,353,597	1.6564
Montevideo	76,002	98,283	174,285	0.2133
Monticello	76,112	85,799	161,911	0.1981
Moorhead	462,954	479,541	942,495	1.1533
Morris	77,765	63,167	140,932	0.1725
Mound	132,670	71,713	204,383	0.2501
Mounds View	172,854	93,150	266,004	0.3255
New Brighton	307,479	162,650	470,129	0.5753
New Hope	300,938	224,891	525,829	0.6435

Municipalities	Population Apportionment	Money Needs Apportionment	Theoretical 1996 Total Apportionment	Distribution Percentage
New Ulm	\$185,592	\$187,123	\$372,715	0.4561
Northfield	211,413	172,016	383,429	0.4692
North Branch	70,783	97,047	167,830	0.2054
North Mankato	154,001	160,099	314,100	0.3844
North St. Paul	176,393	89,552	265,945	0.3254
Oak Grove	82,585	186,725	269,310	0.3296
Oakdale	315,811	254,863	570,674	0.6983
Orono	102,511	206,449	308,960	0.3781
Otsego	82,943	193,846	276,789	0.3387
Owatonna	279,276	315,756	595,032	0.7281
Plymouth	790,332	548,002	1,338,334	1.6377
Prior Lake	172,950	191,352	364,302	0.4458
Ramsey	205,284	253,440	458,724	0.5613
Red Wing	215,447	378,935	594,382	0.7274
Richfield	491,763	387,542	879,305	1.0760
Robbinsdale	198,247	116,374	314,621	0.3850
Rochester	1,058,509	909,491	1,968,000	2.4083
Rosemount	152,665	315,281	467,946	0.5726
Roseville	463,725	333,523	797,248	0.9756
St. Anthony	109,328	77,300	186,628	0.2284
St. Cloud	690,520	588,223	1,278,743	1.5648
St. Louis Park	602,991	402,467	1,005,458	1.2304
St. Paul	3,748,951	3,826,572	7,575,523	9.2702
St. Peter	134,708	158,192	292,900	0.3584
Sartell	88,313	81,091	169,404	0.2073
Sauk Rapids	123,195	119,536	242,731	0.2970
Savage	188,704	335,009	523,713	0.6409
Shakopee	179,588	188,504	368,092	0.4504
Shoreview	357,454	73,273	430,727	0.5271
Shorewood	91,068	124,186	215,254	0.2634
South St. Paul	280,874	142,328	423,202	0.5179
Spring Lake Park	91,274	49,891	141,165	0.1727
Stillwater	211,385	140,173	351,558	0.4302
Thief River Falls	110,760	256,937	367,697	0.4500
Vadnais Heights	164,811	56,102	220,913	0.2703
Virginia	129,874	179,355	309,229	0.3784
Waite Park	75,410	70,769	146,179	0.1789
Waseca	115,470	76,976	192,446	0.2355
West St. Paul	266,221	132,039	398,260	0.4874
White Bear Lake	355,347	234,567	589,914	0.7219
Willmar	255,370	265,903	521,273	0.6379
Winona	355,361	248,598	603,959	0.7391
Woodbury	394,223	691,160	1,085,383	1.3282
Worthington	140,465	126,655	267,120	0.3269
TOTAL	\$40,859,350	\$40,859,350	\$81,718,700	100.0000

COMPARISON OF THE 1995 TO ESTIMATED 1996 APPORTIONMENT

Municipality	1995 Total Apportionment	Estimated 1996 Total Apportionment	Increase (Decrease) Amount	% Increase Decrease
Albert Lea	\$517,431	\$486,204	(\$31,227)	-6.0350
Alexandria	289,194	269,277	(19,917)	-6.8871
Andover	578,616	577,956	(660)	-0.1141
Anoka	404,644	378,387	(26,257)	-6.4889
Apple Valley	858,143	986,532	128,389	14.9613
Arden Hills	204,033	215,375	11,342	5.5589
Austin	718,618	732,057	13,439	1.8701
Bemidji	365,301	369,946	4,645	1.2716
Blaine	1,012,070	1,003,587	(8,483)	-0.8382
Bloomington	2,914,702	2,864,269	(50,433)	-1.7303
Brainerd	313,508	298,066	(15,442)	-4.9256
Brooklyn Center	844,117	802,263	(41,854)	-4.9583
Brooklyn Park	1,268,722	1,272,387	3,665	0.2889
Buffalo	250,812	242,210	(8,602)	-3.4297
Burnsville	1,269,858	1,260,446	(9,412)	-0.7412
Cambridge	184,576	193,753	9,177	4.9719
Champlin	374,662	401,010	26,348	7.0325
Chanhassen	429,510	513,237	83,727	19.4936
Chaska	388,680	450,208	61,528	15.8300
Chisholm	174,495	160,738	(13,757)	-7.8839
Cloquet	480,268	472,164	(8,104)	-1.6874
Columbia Heights	415,978	403,014	(12,964)	-3.1165
Coon Rapids	1,207,717	1,225,028	17,311	1.4334
Corcoran	226,109	229,966	3,857	1.7058
Cottage Grove	784,779	811,257	26,478	3.3739
Crookston	417,047	426,021	8,974	2.1518
Crystal	744,646	704,990	(39,656)	-5.3255
Detroit Lakes	202,629	199,379	(3,250)	-1.6039
Duluth	2,862,253	2,787,178	(75,075)	-2.6229
Eagan	1,290,709	1,337,218	46,509	3.6034
East Bethel	302,387	297,958	(4,429)	-1.4647
East Grand Forks	222,133	231,031	8,898	4.0057
Eden Prairie	1,131,476	1,222,298	90,822	8.0269
Edina	1,103,772	1,077,458	(26,314)	-2.3840
Elk River	532,964	537,984	5,020	0.9419
Fairmont	649,023	595,524	(53,499)	-8.2430
Falcon Heights	87,105	81,752	(5,353)	-6.1455
Faribault	576,642	629,879	53,237	9.2322
Farmington	266,149	271,267	5,118	1.9230
Fergus Falls	402,431	422,554	20,123	5.0004

Municipality	1995 Total Apportionment	Estimated 1996 Total Apportionment	Increase (Decrease) Amount	% Increase Decrease
Forest Lake	\$148,885	\$154,074	\$5,189	3.4852
Fridley	624,509	586,212	(38,297)	-6.1323
Golden Valley	628,468	627,109	(1,359)	-0.2162
Grand Rapids	252,219	275,512	23,293	9.2352
Ham Lake	221,487	349,540	128,053	57.8151
Hastings	374,158	382,020	7,862	2.1013
Hermantown	217,082	200,625	(16,457)	-7.5810
Hibbing	859,549	816,490	(43,059)	-5.0095
Hopkins	419,101	393,307	(25,794)	-6.1546
Hugo	283,883	265,700	(18,183)	-6.4051
Hutchinson	324,011	312,736	(11,275)	-3.4798
International Falls	233,567	222,507	(11,060)	-4.7353
Inver Grove Heights	578,672	588,806	10,134	1.7513
Lake Elmo	157,689	149,762	(7,927)	-5.0270
Lakeville	1,108,741	1,173,146	64,405	5.8088
Lino Lakes	311,778	371,821	60,043	19.2583
Litchfield	209,822	197,669	(12,153)	-5.7921
Little Canada	229,687	242,821	13,134	5.7182
Little Falls	287,998	278,398	(9,600)	-3.3334
Mahtomedi	124,378	131,359	6,981	5.6127
Mankato	951,440	1,035,124	83,684	8.7955
Maple Grove	1,220,817	1,255,168	34,351	2.8138
Maplewood	748,518	729,073	(19,445)	-2.5978
Marshall	327,372	315,220	(12,152)	-3.7120
Mendota Heights	261,600	262,912	1,312	0.5015
Minneapolis	10,388,617	10,105,079	(283,538)	-2.7293
Minnetonka	1,377,037	1,353,597	(23,440)	-1.7022
Montevideo	177,299	174,285	(3,014)	-1.7000
Monticello	164,692	161,911	(2,781)	-1.6886
Moorhead	974,349	942,495	(31,854)	-3.2693
Morris	148,288	140,932	(7,356)	-4.9606
Mound	209,373	204,383	(4,990)	-2.3833
Mounds View	237,739	266,004	28,265	11.8891
New Brighton	458,676	470,129	11,453	2.4970
New Hope	535,977	525,829	(10,148)	-1.8934
New Ulm	386,651	372,715	(13,936)	-3.6043
Northfield	388,253	383,429	(4,824)	-1.2425
North Branch	0	167,830	167,830	100.0000
North Mankato	326,921	314,100	(12,821)	-3.9217
North St. Paul	259,754	265,945	6,191	2.3834
Oak Grove	261,595	269,310	7,715	2.9492
Oakdale	495,794	570,674	74,880	15.1030
Orono	335,904	308,960	(26,944)	-8.0213
Otsego	276,017	276,789	772	0.2797
Owatonna	563,389	595,032	31,643	5.6165

	1995 Total Apportionment	Estimated 1996 Total Apportionment	Increase (Decrease) Amount	% Increase Decrease
Plymouth	\$1,276,177	\$1,338,334	\$62,157	4.8706
Prior Lake	350,793	364,302	13,509	3.8510
Ramsey	454,564	458,724	4,160	0.9152
Red Wing	599,241	594,382	(4,859)	-0.8109
Richfield	913,508	879,305	(34,203)	-3.7441
Robbinsdale	327,996	314,621	(13,375)	-4.0778
Rochester	1,940,587	1,968,000	27,413	1.4126
Rosemount	392,244	467,946	75,702	19.2997
Roseville	796,780	797,248	468	0.0587
St. Anthony	194,258	186,628	(7,630)	-3.9278
St. Cloud	1,294,844	1,278,743	(16,101)	-1.2435
St. Louis Park	952,386	1,005,458	53,072	5.5725
St. Paul	8,019,085	7,575,523	(443,562)	-5.5313
St. Peter	302,189	292,900	(9,289)	-3.0739
Sartell	154,428	169,404	14,976	9.6977
Sauk Rapids	215,170	242,731	27,561	12.8089
Savage	475,494	523,713	48,219	10.1408
Shakopee	375,513	368,092	(7,421)	-1.9762
Shoreview	461,110	430,727	(30,383)	-6.5891
Shorewood	218,543	215,254	(3,289)	-1.5050
South St. Paul	452,461	423,202	(29,259)	-6.4666
Spring Lake Park	137,240	141,165	3,925	2.8600
Stillwater	336,203	351,558	15,355	4.5672
Thief River Falls	329,656	367,697	38,041	11.5396
Vadnais Heights	217,506	220,913	3,407	1.5664
Virginia	310,431	309,229	(1,202)	-0.3872
Waite Park	151,485	146,179	(5,306)	-3.5027
Waseca	188,544	192,446	3,902	2.0695
West St. Paul	408,165	398,260	(9,905)	-2.4267
White Bear Lake	601,149	589,914	(11,235)	-1.8689
Willmar	518,558	521,273	2,715	0.5236
Winona	648,604	603,959	(44,645)	-6.8832
Woodbury	1,092,506	1,085,383	(7,123)	-0.6520
Worthington	271,617	267,120	(4,497)	-1.6556
TOTAL	\$81,718,700	\$81,718,700	\$0	0.0000

TENTATIVE 1996 APPORTIONMENT RANKINGS

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

1995			1996			1995			1996		
Municipality	Total Needs Mileage	Tentative Population Apportionment Per Need Mile	Municipality	Total Needs Mileage	Tentative Money Needs Apportionment Per Need Mile	Municipality	Total Needs Mileage	Tentative Total Apportionment Per Need Mile	Municipality	Total Needs Mileage	Tentative Total Apportionment Per Need Mile
Falcon Heights	2.54	\$29,169	Crookston	10.91	\$28,747	Minneapolis	193.94	\$52,106	St. Paul	159.69	47,441
Minneapolis	193.94	26,158	Minneapolis	193.94	25,949	St. Paul	159.69	41,798	Hopkins	9.41	41,798
Shoreview	13.69	26,111	St. Paul	159.69	23,964	Savage	14.69	41,756	Forest Lake	3.69	41,340
Vadnais Heights	6.77	24,344	Savage	14.69	22,807	Fairmont	19.38	40,034	New Hope	12.72	41,340
Hopkins	9.41	24,199	Fairmont	19.38	22,665	Bloomington	73.73	39,431	Rochester	49.16	40,034
Forest Lake	3.69	23,873	Bloomington	73.73	22,660	Cambridge	5.49	39,051	Crystal	17.88	39,431
New Hope	12.72	23,659	Cambridge	5.49	22,195	Crystal	17.88	38,850	Crookston	10.91	39,051
Maplewood	19.18	23,624	Crystal	17.88	21,109	Bloomington	73.73	38,850	Bloomington	73.73	38,850
St. Paul	159.69	23,476	Farmington	8.72	20,261	Maplewood	19.18	38,013	Maplewood	19.18	38,013
New Brighton	13.42	22,912	Woodbury	34.80	19,862	Brooklyn Center	21.30	37,666	Brooklyn Center	21.30	37,666
Columbia Heights	11.65	22,353	Brooklyn Center	21.30	18,990	Little Canada	6.49	37,416	Little Canada	6.49	37,416
West St. Paul	12.12	21,965	Thief River Falls	13.56	18,950	St. Anthony	5.18	36,030	St. Anthony	5.18	36,030
Rochester	49.16	21,532	Chaska	13.85	18,865	Savage	14.69	35,653	Savage	14.69	35,653
St. Anthony	5.18	21,106	Mankato	31.68	18,807	Cambridge	5.49	35,293	Cambridge	5.49	35,293
St. Louis Park	28.72	20,996	Rochester	49.16	18,502	New Brighton	13.42	35,033	New Brighton	13.42	35,033
Coon Rapids	39.03	20,814	Fergus Falls	13.74	18,130	St. Louis Park	28.72	35,010	St. Louis Park	28.72	35,010
Arden Hills	6.33	20,506	Owatonna	17.51	18,034	Columbia Heights	11.65	34,594	Columbia Heights	11.65	34,594
Mounds View	8.44	20,480	Buffalo	7.58	17,926	Northfield	11.25	34,084	Northfield	11.25	34,084
Anoka	11.98	20,127	Forest Lake	3.69	17,882	Arden Hills	6.33	34,026	Arden Hills	6.33	34,026
Roseville	23.45	19,775	Little Canada	6.49	17,842	Roseville	23.45	33,999	Roseville	23.45	33,999
South St. Paul	14.33	19,600	Duluth	90.34	17,783	Owatonna	17.51	33,984	Owatonna	17.51	33,984
Little Canada	6.49	19,574	Cloquet	18.05	17,714	Richfield	26.21	33,550	Richfield	26.21	33,550
North St. Paul	9.08	19,427	New Hope	12.72	17,681	Sartell	5.05	33,547	Sartell	5.05	33,547
White Bear Lake	18.34	19,376	Lakeville	40.62	17,602	Moorhead	28.67	32,875	Moorhead	28.67	32,875
Mahtomedi	4.55	19,228	Hopkins	9.41	17,599	West St. Paul	12.12	32,861	West St. Paul	12.12	32,861
Robbinsdale	10.33	19,191	Faribault	21.46	17,486	Waite Park	4.46	32,777	Waite Park	4.46	32,777
Northfield	11.25	18,792	Red Wing	22.07	17,171	St. Cloud	39.02	32,773	St. Cloud	39.02	32,773
Richfield	26.21	18,762	Orono	12.07	17,106	Mankato	31.68	32,676	Mankato	31.68	32,676
Brooklyn Center	21.30	18,676	Moorhead	28.67	16,728	Vadnais Heights	6.77	32,632	Vadnais Heights	6.77	32,632
Crystal	17.88	18,321	Maple Grove	39.60	16,556	Chaska	13.85	32,507	Chaska	13.85	32,507
Waseca	6.31	18,300	Sartell	5.05	16,059	Falcon Heights	2.54	32,186	Falcon Heights	2.54	32,186
Winona	19.62	18,112	Austin	26.73	16,028	White Bear Lake	18.34	32,166	White Bear Lake	18.34	32,166
Brooklyn Park	45.33	17,763	Waite Park	4.46	15,869	Buffalo	7.58	31,955	Buffalo	7.58	31,955
St. Cloud	39.02	17,697	Chanhassen	20.10	15,727	Oakdale	17.97	31,758	Oakdale	17.97	31,758
Oakdale	17.97	17,574	Northfield	11.25	15,291	Maple Grove	39.60	31,697	Maple Grove	39.60	31,697
Blaine	32.78	17,501	Cottage Grove	29.41	15,095	Apple Valley	31.23	31,590	Apple Valley	31.23	31,590
Sartell	5.05	17,488	St. Cloud	39.02	15,076	Anoka	11.98	31,586	Anoka	11.98	31,586
Inver Grove Heights	19.95	17,425	Elk River	24.01	15,060						

Municipality	1995	1996	Municipality	1995	1996	Municipality	1995	1996
	Total Needs Mileage	Tentative Population Apportionment Per Need Mile		Total Needs Mileage	Tentative Money Needs Apportionment Per Need Mile		Total Needs Mileage	Tentative Total Apportionment Per Need Mile
Spring Lake Park	5.24	\$17,419	St. Peter	10.59	\$14,939	Mounds View	8.44	\$31,518
Apple Valley	31.23	17,280	St. Anthony	5.18	14,924	Shoreview	13.69	31,463
Champlin	15.22	17,218	Otsego	13.08	14,821	Coon Rapids	39.03	31,388
Burnsville	43.67	17,194	Bemidji	14.31	14,792	Woodbury	34.80	31,191
Eagan	44.31	17,080	Richfield	26.21	14,787	Farmington	8.72	31,110
Plymouth	46.56	16,974	Rosemount	21.34	14,775	Duluth	90.34	30,853
Waite Park	4.46	16,908	Prior Lake	13.08	14,631	Winona	19.62	30,784
Stillwater	12.80	16,514	Virginia	12.33	14,547	Fergus Falls	13.74	30,755
Mound	8.05	16,481	Eden Prairie	42.40	14,477	Fairmont	19.38	30,731
Edina	39.36	16,388	Litchfield	7.83	14,451	Blaine	32.78	30,617
Bloomington	73.73	16,190	Maplewood	19.18	14,389	Waseca	6.31	30,500
Moorhead	28.67	16,148	Golden Valley	23.55	14,367	Robbinsdale	10.33	30,458
Owatonna	17.51	15,950	Grand Rapids	11.36	14,358	Eagan	44.31	30,180
Hastings	14.45	15,439	Monticello	5.99	14,325	South St. Paul	14.33	29,533
Fridley	25.34	15,399	Apple Valley	31.23	14,310	Inver Grove Heights	19.95	29,515
Maple Grove	39.60	15,142	Roseville	23.45	14,224	Faribault	21.46	29,353
Hutchinson	11.16	15,022	Oakdale	17.97	14,184	North St. Paul	9.08	29,290
Eden Prairie	42.40	14,352	St. Louis Park	28.72	14,015	Lakeville	40.62	28,882
Worthington	9.81	14,319	Arden Hills	6.33	13,519	Mahtomedi	4.55	28,871
International Falls	8.06	14,183	North Mankato	11.86	13,500	Burnsville	43.67	28,864
Buffalo	7.58	14,029	International Falls	8.06	13,425	Eden Prairie	42.40	28,829
Minnetonka	49.68	14,017	Shorewood	9.29	13,369	Plymouth	46.56	28,745
Mankato	31.68	13,869	New Ulm	14.13	13,244	Brooklyn Park	45.33	28,070
Marshall	12.39	13,779	Sauk Rapids	9.03	13,239	Hutchinson	11.16	28,024
Sauk Rapids	9.03	13,643	Minnetonka	49.68	13,230	Prior Lake	13.08	27,853
Chaska	13.85	13,643	Blaine	32.78	13,116	St. Peter	10.59	27,659
Albert Lea	18.65	13,541	Eagan	44.31	13,100	International Falls	8.06	27,607
Prior Lake	13.08	13,222	Hutchinson	11.16	13,002	Cottage Grove	29.41	27,586
New Ulm	14.13	13,135	Worthington	9.81	12,912	Stillwater	12.80	27,466
Cambridge	5.49	13,099	White Bear Lake	18.34	12,791	Austin	26.73	27,388
Duluth	90.34	13,071	Hugo	15.21	12,741	Edina	39.36	27,375
North Mankato	11.86	12,985	Winona	19.62	12,672	Minnetonka	49.68	27,247
Savage	14.69	12,846	Little Falls	13.77	12,623	Worthington	9.81	27,230
St. Peter	10.59	12,720	Alexandria	12.39	12,564	Thief River Falls	13.56	27,118
Monticello	5.99	12,707	Albert Lea	18.65	12,530	Monticello	5.99	27,031
Fergus Falls	13.74	12,624	Montevideo	7.89	12,458	Spring Lake Park	5.24	26,941
Mendota Heights	11.68	12,540	Columbia Heights	11.65	12,242	Red Wing	22.07	26,933
Cottage Grove	29.41	12,490	Waseca	6.31	12,200	Sauk Rapids	9.03	26,882
Golden Valley	23.55	12,263	New Brighton	13.42	12,121	Golden Valley	23.55	26,630
Brainerd	14.25	12,100	Inver Grove Heights	19.95	12,090	North Mankato	11.86	26,485
Faribault	21.46	11,866	Plymouth	46.56	11,771	Hastings	14.45	26,438
Morris	6.66	11,676	Lino Lakes	17.24	11,770	New Ulm	14.13	26,379

1995			1996			1995			1996		
Municipality	Total Needs Mileage	Tentative Population Apportionment Per Need Mile	Municipality	Total Needs Mileage	Tentative Money Needs Apportionment Per Need Mile	Municipality	Total Needs Mileage	Tentative Total Apportionment Per Need Mile	Municipality	Total Needs Mileage	Tentative Total Apportionment Per Need Mile
East Grand Forks	10.82	\$11,387	Burnsville	43.67	\$11,670	Champlin	15.22	\$26,348			
Austin	26.73	11,360	Marshall	12.39	11,664	Cloquet	18.05	26,160			
Woodbury	34.80	11,328	Shakopee	16.17	11,659	Albert Lea	18.65	26,071			
Lakeville	40.62	11,281	Anoka	11.98	11,459	Bemidji	14.31	25,853			
Shakopee	16.17	11,106	Chisholm	7.68	11,445	Orono	12.07	25,599			
Bemidji	14.31	11,061	Willmar	23.30	11,413	Chanhassen	20.10	25,535			
Willmar	23.30	10,960	Corcoran	13.60	11,333	Marshall	12.39	25,442			
Farmington	8.72	10,849	Robbinsdale	10.33	11,267	Mound	8.05	25,390			
Litchfield	7.83	10,795	Hibbing	50.74	11,195	Litchfield	7.83	25,246			
Virginia	12.33	10,533	Oak Grove	16.72	11,169	Virginia	12.33	25,081			
Detroit Lakes	9.54	10,530	Mounds View	8.44	11,038	Grand Rapids	11.36	24,254			
Crookston	10.91	10,304	Hastings	14.45	10,999	Shorewood	9.29	23,172			
Grand Rapids	11.36	9,896	Edina	39.36	10,987	Fridley	25.34	23,134			
Chanhassen	20.10	9,808	Stillwater	12.80	10,952	Shakopee	16.17	22,765			
Shorewood	9.29	9,803	West St. Paul	12.12	10,895	Mendota Heights	11.68	22,510			
Lino Lakes	17.24	9,798	Coon Rapids	39.03	10,574	Elk River	24.01	22,408			
Red Wing	22.07	9,762	Detroit Lakes	9.54	10,370	Willmar	23.30	22,373			
Montevideo	7.89	9,633	Brooklyn Park	45.33	10,307	Montevideo	7.89	22,090			
Chisholm	7.68	9,486	Andover	30.83	10,053	Rosemount	21.34	21,929			
Alexandria	12.39	9,171	Mendota Heights	11.68	9,970	Alexandria	12.39	21,734			
Lake Elmo	9.53	8,774	South St. Paul	14.33	9,933	Lino Lakes	17.24	21,568			
Andover	30.83	8,695	North St. Paul	9.08	9,863	Otsego	13.08	21,162			
Orono	12.07	8,493	East Grand Forks	10.82	9,675	Morris	6.66	21,162			
Cloquet	18.05	8,446	Mahtomedi	4.55	9,643	East Grand Forks	10.82	21,062			
Thief River Falls	13.56	8,168	Spring Lake Park	5.24	9,522	Chisholm	7.68	20,930			
Fairmont	19.38	8,065	Morris	6.66	9,485	Brainerd	14.25	20,918			
Hermantown	12.99	7,672	Ham Lake	22.85	9,377	Detroit Lakes	9.54	20,900			
Little Falls	13.77	7,596	Champlin	15.22	9,130	Little Falls	13.77	20,219			
Elk River	24.01	7,348	Mound	8.05	8,909	Andover	30.83	18,747			
Ramsey	28.62	7,173	Ramsey	28.62	8,856	Hugo	15.21	17,470			
Rosemount	21.34	7,154	Brainerd	14.25	8,817	Corcoran	13.60	16,910			
Otsego	13.08	6,341	Vadnais Heights	6.77	8,287	Oak Grove	16.72	16,108			
Ham Lake	22.85	5,921	Hermantown	12.99	7,773	Hibbing	50.74	16,093			
Corcoran	13.60	5,577	Fridley	25.34	7,736	Ramsey	28.62	16,029			
East Bethel	23.66	5,065	East Bethel	23.66	7,529	Lake Elmo	9.53	15,715			
Oak Grove	16.72	4,939	Lake Elmo	9.53	6,941	Hermantown	12.99	15,445			
Hibbing	50.74	4,898	North Branch	15.90	6,104	Ham Lake	22.85	15,298			
Hugo	15.21	4,729	Shoreview	13.69	5,353	East Bethel	23.66	12,594			
North Branch	15.90	4,452	Falcon Heights	2.54	3,018	North Branch	15.90	10,556			
Average		\$14,587			\$13,913			\$28,500			

PAST HISTORY OF ADMINISTRATIVE ACCOUNT

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

Year	Allotment	Balance	Spent
1958	\$113,220	\$48,310	\$64,910
1959	125,999	55,370	70,629
1960	129,466	58,933	70,533
1961	140,825	75,036	65,789
1962	137,980	70,875	67,105
1963	144,585	75,094	69,491
1964	168,526	102,385	66,141
1965	173,875	96,136	77,739
1966	178,253	85,079	93,174
1967	190,524	122,185	68,339
1968	219,458	117,878	101,580
1969	231,452	134,416	97,036
1970	252,736	147,968	104,768
1971	279,357	165,927	113,430
1972	280,143	167,410	112,733
1973	284,923	160,533	124,390
1974	333,944	130,460	203,484
1975	349,512	158,851	190,661
1976	347,940	264,874	83,066
1977	424,767	160,365	264,402
1978	426,786	139,580	287,206
1979	473,075	257,782	215,293
1980	521,544	171,544	350,000
1981	544,123	222,062	322,061
1982	646,373	251,781	394,592
1983	710,025	297,847	412,178
1984	745,773	322,730	423,043
1985	874,173	421,719	452,454
1986	903,824	427,562	476,262
1987	806,340	331,589	474,751
1988	895,092	387,171	507,921
1989	1,111,120	582,918	528,202
1990	1,248,109	218,586	1,029,523
1991	1,216,604	502,044	714,560
1992	1,239,228	493,170	746,058
1993	1,274,377	466,634	807,743
1994	1,231,781	417,972	813,809
1995	1,251,307		

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

RESEARCH ACCOUNT MOTION

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

Be it resolved that an amount of \$408,594 (not to exceed 1/2 of 1% of the 1995 M.S.A.S. Apportionment sum of \$81,718,700) shall be set aside from the 1996 Apportionment fund and be credited to the research account.

MOTION BY:
SECONDED BY:

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

CURRENT RESOLUTIONS
OF THE
MUNICIPAL SCREENING BOARD

JUNE 1994

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.

Screening Board Alternate Attendance - June 1979

The alternate to a third year member be invited to attend the final meeting. A formal request to the alternates governing body would request that he attend the meetings and the municipality pay for its expenses.

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.

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.

Soil Type - Oct. 1961

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

Improper Needs Report - Oct. 1961

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

New Cities Needs - Oct. 1983

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

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

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

Construction Accomplishments - Oct. 1988 (Revised June 1993)

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

If, during the period that complete needs are being received the street is improved with a bituminous overlay, concrete joint repair or is widened, the municipality will continue to receive complete needs but shall have the State Aid cost of the bituminous resurfacing or concrete joint repair or widened construction project plus any items constructed that are included in the needs deducted from its total needs for a period of ten (10) years.

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

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 will be added to or 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)

The maximum mileage for Municipal State Aid Street designation shall be based on the Annual Certification of Mileage current as of December 31st of the preceding year. Submittal of a supplementary certification during the year shall not be permitted. Frontage roads which are not designated trunk highway, trunk highway turnback or County State Aid Highway system shall be considered in the computation of the basic street mileage. The total mileage of 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)

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.

Any net increase in mileage which is caused by turnbacks or jurisdictional exchanges, including County Highways after May 11, 1994, and designated on the Municipal State Aid Street System in accordance with MSA rules and approved by the Office of State Aid, shall be allowed above the municipality's 20% mileage cap. Exchanges which result in net decreases in mileage shall result in the municipality's mileage in excess of 20% being reduced by a like amount. The amount of excess MSA mileage allowed shall be accumulative of all turnbacks and jurisdictional exchanges, including County Highways after May 11, 1994, but shall never be negative. 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)

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 between 26 feet and 49 feet wide as one-half of the mileage as outlined in Rule 8820.9940 and allow complete needs, except that no more than one parking lane will be eligible to accrue 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.

COST

Construction Item Unit Prices - (Revised Annually)

Right of Way (Needs only) \$ 60,000.00 Acre

Grading (Excavation) \$ 3.00 Cu. Yd.

Base:

Class 4	Spec. #2211	\$ 4.70 Ton
Class 5	Spec. #2211	6.00 Ton
Bituminous	Spec. #2331	20.00 Ton

Surface:

Bituminous	Spec. #2331	\$ 20.00 Ton
Bituminous	Spec. #2341	23.50 Ton
Bituminous	Spec. #2361	30.00 Ton

Shoulders:

Gravel	Spec. #2221	\$ 8.00 Ton
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Miscellaneous:

Storm Sewer Construction	\$223,000.00 Mile
Storm Sewer Adjustment	69,100.00 Mile
Special Drainage-Rural	26,000.00 Mile
Traffic Signals	20,000 to 80,000.00 Mile

Signal Needs Based On Projected Traffic

Projected Traffic	Percentage	X	Unit Price =	Needs Per Mile
0 - 4,999	.25		\$80,000 =	\$ 20,000.00 Mile
5,000 - 9,999	.50		\$80,000 =	40,000.00 Mile
10,000 & Over	1.00		\$80,000 =	80,000.00 Mile

Street Lighting	20,000.00 Mile
Curb & Gutter Construction	5.75 Lin. Ft.
Sidewalk Construction	16.00 Sq. Yd.
Engineering	18%

Removal Items:

Curb & Gutter	\$ 1.70 Lin. Ft.
Sidewalk	4.70 Sq. Yd.
Concrete Pavement	4.10 Sq. Yd.
Tree Removal	175.00 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.

"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 that is eligible for State Aid reimbursement for a 15-year period." This directive to exclude all Federal or State grants.

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
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Traffic Lanes: Segment length times number of traffic lanes times cost per mile.	\$1,320 (Per Mile)	\$2,200 (Per Mile)
Parking Lanes: Segment length times number of parking lanes times cost per mile.	\$1,320 (Per Mile)	\$1,320 (Per Mile)
Median Strip: Segment length times cost per mile.	\$ 440 (Per Mile)	\$ 880 (Per Mile)
Storm Sewer: Segment length times cost per mile.	\$ 440 (Per Mile)	\$ 440 (Per Mile)
Traffic Signals: Number of traffic signals times cost 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)

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 period, and which annually reflects the net unamortized bonded debt shall be accomplished by adding said net unamortized amount to the computed money needs of the municipality.

For the purpose of this adjustment, the net unamortized bonded debt shall be the total unamortized bonded indebtedness less the unexpended bond amount as of December 31st of the preceding year.

That for the purpose of this separate annual adjustment, the unamortized balance of the St. Paul Bond Account, as authorized in 1953, 2nd United Improvement Program, and as authorized in 1946, Capital Approach Improvement Bonds, shall be considered in the same manner as those bonds sold and issued pursuant to Minnesota Statutes, Section 162.18.

"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."

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

That for the determination of Apportionment Needs, the amount of the unencumbered construction fund balance as of September 1st of the current year shall be deducted from the 25-year total Needs of each individual municipality.

Projects that have been received before September 1st by the District State Aid Engineer for payment shall be considered as being encumbered and the construction balances shall be so adjusted.

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

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

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

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

Initial Turnback Maintenance Adjustment - Fractional Year Reimbursement:

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

To provide an advance payment for the coming year's additional maintenance obligation, a needs adjustment per mile shall be added to the annual money needs. This needs adjustment per mile shall produce sufficient apportionment funds so that at least \$7,200 in apportionment shall be earned for each mile of trunk highway turnback on Municipal State Aid Street System.

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

TRAFFIC - June 1971

Traffic Limitation on Non-Existing Streets - Oct. 1965

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

Traffic Manual - Oct. 1962

That for the 1965 and all future Municipal State Aid Street Needs Studies, the Needs Study procedure shall utilize traffic data developed according to the Traffic Estimating Manual - M.S.A.S. #5-892.700. This manual shall be prepared and kept current under the direction of the Screening Board regarding methods of counting traffic and computing average daily traffic. The manner and scope of reporting is detailed in the above mentioned manual.

Traffic Counting - Sept. 1973 (Revised June 1987)

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 years.
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. Some deviations from the present four-year counting cycle shall be permitted during the interim period of conversion to counting by State forces in the outstate area.