



1996 MUNICIPAL STATE AID

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STREET APPORTIONMENT DATA



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JANUARY, 1996



Minnesota Department of Transportation

Memo

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St. Paul, MN 55155

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January 18, 1996

(612) 296-1662

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

**FROM: Kenneth Straus
Municipal Needs Manager**

SUBJECT: The 1996 Municipal State Aid Apportionment Book

Enclosed is a copy of the "1996 Municipal State Aid Street Apportionment Data" report for your use in better understanding the means of distributing the annual allocation to each municipality.

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

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

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

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

Enclosures:

1996 Municipal State Aid Street Needs Apportionment Data Booklet

PREFACE

THIS "1996 MUNICIPAL STATE AID STREET APPORTIONMENT DATA" BROCHURE IS PUBLISHED TO ASSIST IN BUDGETING AND TO PROMOTE A BETTER UNDERSTANDING AMONG THE LOCAL GOVERNMENTAL UNITS RELATING TO THE SOURCE OF REVENUE, MEANS OF DISTRIBUTION AND THE ANNUAL APPORTIONMENT AMOUNTS FOR EACH MUNICIPALITY OVER 5,000 POPULATION IN MINNESOTA.

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

A LIMITED NUMBER OF ADDITIONAL COPIES ARE AVAILABLE ON REQUEST BY CONTACTING THE OFFICE OF STATE AID FOR LOCAL TRANSPORTATION, THE MINNESOTA DEPARTMENT OF TRANSPORTATION, STATE TRANSPORTATION BUILDING, ST. PAUL, MINNESOTA 55155, OR CALL (612) 296-1662.

1996 MUNICIPAL STATE AID **STREET APPORTIONMENT DATA**

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STATE OF MINNESOTA

HIGHWAY DISTRICTS AND URBAN MUNICIPALITIES (population over 5000)



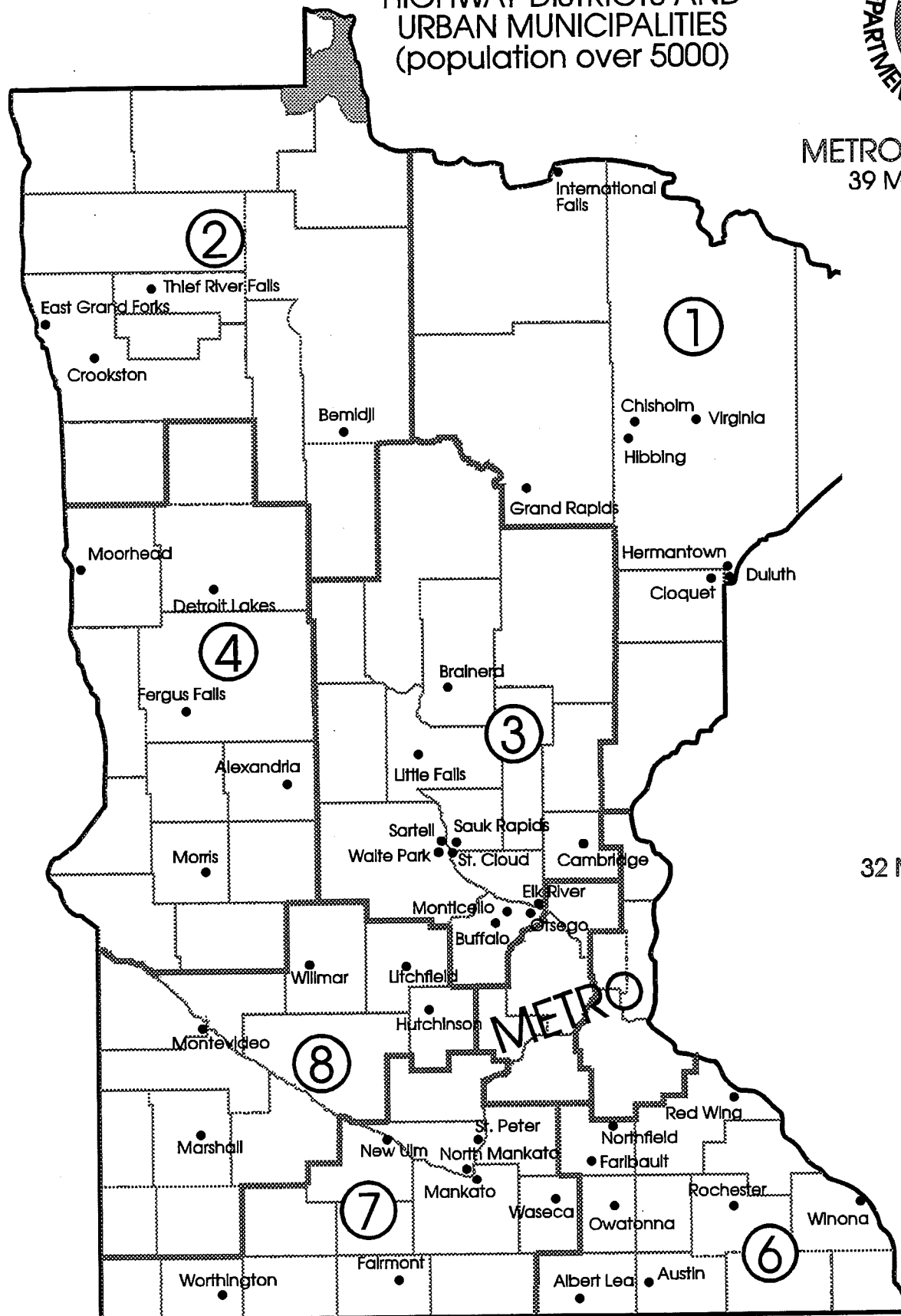
METRO MUNICIPALITIES

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
Minnetonka
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
Mahomed
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



1996 MUNICIPAL SCREENING BOARD

OFFICERS

Chairman	Dale Swanson	Willmar	(612) 235-4202
Vice Chairman	Brian Bachmeier	Oakdale	(612) 739-5086
Secretary	John Rodeberg	Hutchinson	(612) 234-4208

MEMBERS

<u>District</u>	<u>Served</u>	<u>Representative</u>		
1	2	Dave Halter	Grand Rapids	(218) 326-7602
2	3	Gary Sanders	East Grand Forks	(218) 773-1185
3	3	Curt Kreklau	Buffalo	(612) 682-1181
4	2	Gary Nansen	Detroit Lakes	(218) 847-5607
Metro-West	1	Jack Bittle	Champlin	(612) 421-1955
6	2	William Malin	Winona	(507) 457-8269
7	1	Larry Read	Fairmont	(507) 238-9461
8	3	John Rodeberg	Hutchinson	(612) 234-4208
Metro-East	1	Dave Jessup	Woodbury	(612) 731-5784
(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	Terry Wotzka	Waite Park, Sauk Rapids	(612) 253-1000
4	Tim Schoonhoven	Alexandria	(612) 762-8149
Metro-West	Lee Gustafson	Minnetonka	(612) 939-8200
6	David Olson	Albert Lea	(507) 377-4325
7	Steven P. Koehler	New Ulm	(507) 359-8245
8	Daniel Sarff	Litchfield	(612) 231-3956
Metro-East	Mark Burch	White Bear Lake	(612) 429-8531

1996 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
Bill Ottensmann - Chairman Coon Rapids (612) 755-2880 Expires in 1996	Alan Gray - Chairman Eden Prairie (612) 949-8300 Expires in 1996
Herb Reimer Moorhead (218) 299-5390 Expires in 1997	Kenneth Larson Duluth (218) 723-3278 Expires in 1997
Ken Saffert Mankato (507) 387-8631 Expires in 1998	David Sonnenberg Minneapolis (612) 673-2443 Expires in 1998

ALLOCATION STUDY SUBCOMMITTEE	
Larry Anderson - Prior Lake (Chair)	(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
Ken Larson - Duluth	(218) 723-3278
Bill Ottensmann - Coon Rapids	(612) 755-2880
Herb Reimer - Moorhead	(218) 299-5390

MINUTES
FALL MUNICIPAL STATE AID SCREENING COMMITTEE
OCTOBER 24 and 25, 1995

I A. CALL TO ORDER

The 1995 Spring Meeting of the Municipal Screening Board was called to order by Chairman David Sonnenberg at 1:08 p.m., Tuesday, October 24, 1995, at Breezy Point Resort near Brainerd, Minnesota. Chairman Sonnenberg introduced Vice-Chairman Dale Swanson of Willmar; Side Williamson, Chairman of the Needs Study Subcommittee; Dan Edwards, Chairman of the Unencumbered Construction Fund Subcommittee and Secretary Brian Bachmeier of Oakdale.

Announcements

Chair Sonnenberg announced the payment for the stay at Breezy Point would be done by master billing, and that non-reimbursable costs, such as personal phone calls, would need to be paid individually. He also noted an employee expense form must be used for all other expenses. He provided an overview of the agenda to be followed for the 1:00 p.m. Tuesday meeting.

CALL OF ROLL

Secretary Bachmeier called the roll. The following were present:

Screening Board Members:

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 7	Ken Saffert	Mankato
District 8	John Rodeberg	Hutchinson
Metro-East	Brian Bachmeier	Oakdale
Duluth	Ken Larson	
Minneapolis	Ramankutty Kannankutty	
St.Paul	Paul St.Martin	

Recognize Screening Board Alternates:

Metro-West	Jack Bittle	Champlin
District 7	Larry Read	Fairmont
Metro-East	David Jessup	Woodbury

Recognize Department of Transportation Personnel:

Patrick Murphy	-	State Aid Engineer
Julie Skallman	-	Assistant State Aid Engineer
Ken Straus	-	Manager, Municipal State Aid Needs
Ken Hoeschen	-	Manager, County State Aid Needs
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
Larry Erb	-	Metro Division State Aid

Recognize others in attendance

Dave Kreager	-	Duluth
Dan Šabin	-	Minneapolis
Larry Veek	-	Minneapolis
Marshall Johnson	-	Municipal State Aid Needs

II REVIEW OF NEEDS REPORT

A) JUNE SCREENING BOARD MINUTES

The June 13, 1995 Spring Meeting of the Municipal State Aid Screening Committee minutes were submitted for approval.

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

B) NEEDS, MILEAGE AND APPORTIONMENT

Ken Straus noted the addition of the City of North Branch and potentially Glencoe, and also noted St.Cloud Township's annexation to St. Cloud will affect the population and needs allocations. He stated the addition of mileage of turnbacks of Fergus Falls, and that Redwood Falls may have an annexation next year. He stated a total of 80 miles were added to the MSA system, due to growth, turnbacks, additional cities and one-way mileage changes.

C) POPULATION APPORTIONMENT

It was noted the Population Apportionment change will reflect estimated populations or the 1990 census. The population will be as of April 1, 1994, and will be approximately \$13.77 per person, which is down .14 from last year. There is an additional 148,830 persons. He has not received any negative comments on using population estimates.

D) NEEDS UPDATE

Ken Straus reported on traffic updates which have an effect on allocation. Railroad needs missed last year will be added to this year's needs, making a \$64,834,000 net change. It was noted the reviewed needs tabulation is a "paperwork shuffle" and the "after the fact" needs are not included in the tabulation. The overall need of \$1,705,619,040 is a 1% increase over 1994. The Apple Valley bond adjustment and overlay adjustment was omitted last year, therefore will be added to the needs this year. The allocation is \$25.00 per \$1,000 of need, which is down from last year due to the additional miles diluting the value of needs. Apple Valley and North Mankato should not have Unencumbered adjustments due to reports of state aid contracts being submitted prior to September 1, 1995. It was noted the balance of the construction account has been trending downward since 1992 and that since several cities have high unencumbered ratios exceeding six, the Unencumbered Construction Committee should review this situation.

Dan Edwards indicated the committee has not met since the trend has been downward and with the recent laxing of spending rules, asked the Screening Board is there is a need to investigate? Jule Skallman questioned if reallocating the surpluses was a legislative issue? Pat Murphy indicated it would be an adjustment, not a reallocation. Larry Anderson stated the metro members indicated no action was necessary at this time, and to allow the new rules to have an impact prior to taking any type of action.

Pat Murphy said a letter could be sent when forwarding the new rule guidelines, alerting cities they can advance funds, instead of accumulating them. It would be stressed to avoid "encouraging" spending, but would advise them of the legislative concerns regarding the balances. The new rules can be applied to projects which are still open, which may encourage improvements. It was stated these letters would be addressed to the City Engineer, allowing them the opportunity to discuss the issue with their Councils.

E) BOND ACCOUNT ADJUSTMENT

Bond Account Adjustment was added to the needs as a positive adjustment. Eden Prairie is currently receiving a negative adjustment, since they have not applied for a state aid project for the bonds they have sold. Ken Straus predicted fewer bonds would be sold due to advance funding.

F) NONEXISTING BRIDGES

The cities of Lakeville, Minneapolis and Woodbury built bridges last year that will be added to the needs. Ken Straus noted it is the city's responsibility to notify State Aid of the additional bridge needs. Pat Murphy also noted the resolution states "when the contract is awarded".

G) RAILROAD ADJUSTMENTS

Page 48 lists the crossings omitted in 1995 that will be added to the 1996 needs.

H) ESTIMATED TOTAL 1996 APPORTIONMENT

I) ADMINISTRATIVE ACCOUNT

Unused funds are put back in the allocation and spread. The Metro group questioned if new computers could be financed out of this account, however, there was no discussion by the Board.

Motion by Larson, seconded by Anderson, adding the following language regarding the research account: Be it resolved that an amount of \$408,594 shall be set aside (not to exceed 1/2 of 1%) from the 1996 Apportionment Fund and be credited to the research account. Approved unanimously.

J) TURNBACK MILEAGE ISSUES

CSAH turnbacks to cities cannot be above the 20%, as there is no legislative authority for County roads designed as MSA routes. The Subcommittee recommended it be counted as a turnback, above the 20%, with the excess trunk highway mileage exchanged for a CSAH. State Aid felt this could be done as an equal exchange and could be discussed at the Spring Meeting. Ken Straus would like action of MSA designation over County roads that are being turnedback, and if turnbacks on borders should be considered a 1/2 mileage (Items B and C on the agenda).

Pat Murphy recommended no action be taken on full mileage credit for County roads, with Ken Straus suggesting the committee wait until next spring to act on Item A. Dave Kreuger asked why we can't require recertification of mileage when dealing with turnbacks.

Ken Straus felt this could be accomplished by modifying the maximum mileage resolution to allow supplementary certification during the year, as requested by State Aid due to pending turnbacks.

K) COMBINATION ROUTES

The recommendation is to eliminate combination routes. Mr. Straus stated he had asked a number of cities and counties to eliminate routes and a number of them have. However, there are some cities resisting this effort and the Screening Board does not have the authority to eliminate needs on these routes. Mr. Straus stated he felt it would not be too long until all combination routes will be eliminated after the route is reconstructed. There was no action from the Board on this item.

L) NEEDS ADJUSTMENTS

Needs adjustments from Apple Valley and railroad crossing needs were missed last year. Oakdale and Oak Grove needs were switched around last year, so an adjustment should be made this year. All modifications will be addressed in final resolution approving the needs.

M) PAID ATTENDANCE OF ALTERNATES AND PAST PRESIDENTS

Motion by John Rodeberg, seconded by Ken Larson, to eliminate existing resolution regarding alternates attendance, allowing the Board to direct the State Aid Engineer to invite alternates to attend the meeting of the last term of the representative and the two (2) past Presidents, to attend the screening board meetings at State Aid reimbursement. Approved unanimously.

N) BOND ADJUSTMENT

Ken Straus discussed the present and proposed method of bond account adjustments, indicating the Subcommittee is recommending a straight line ten percent (10%) annual deduction. Dale Swanson questioned why cities that are bonding should be rewarded with bond adjustment needs. John Rodeberg responded there may be less of this due to the advance funding option. Ken Larson indicated it may be viewed as an incentive. Larry Anderson calculated there is no financial incentive to bond, since the bond payments exceed the increase in needs. David Jessup indicated that while it is not an incentive, it is another tool available for use.

Motion by Curt Kreklau, seconded by Ramankutty Kannankutty, to adopt Option No. 1. Approved unanimously.

O) POPULATION APPORTIONMENT

Motion by Dave Halter, seconded by Ramankutty Kannankutty, to amend the Resolution to read: ..."and no city will be added, to, except by consolidation, or dropped from, the MSA eligibility list, based on population estimated". Approved unanimously.

P) GUIDELINE FOR ADVANCEMENT OF MUNICIPAL FUNDS

Pat Murphy reviewed the draft discussion guidelines, noting the \$50,000,000 floor, with funds above this available.

III ADJOURNMENT

The meeting was recessed at 4:45 p .m. with the meeting called back to order Wednesday, October 25, 1995 at 8:35 a.m.

IV OCTOBER 25, 1995 FORMAL ACTION - Call to order

A) NEEDS APPORTIONMENT

Approval of the needs apportionment, as amended by state aid:

Motion by Larry Anderson, seconded by Gary Nansen, to approve railroad, Apple Valley, Oakdale-Oak Grove and Cambridge amendments. Approved unanimously.

B) RESEARCH ACCOUNT

Motion by Ramankutty Kannankutty, seconded by Paul St.Martin, to set aside an amount of \$408,594 (not to exceed 1/2 of 1%) from the 1996 Apportionment Fund and be credited to the research account. Approved unanimously.

C) NEEDS STUDY SUBCOMMITTEE

A number of motions were made at the October 24, 1995 meeting. Consensus was to review the advance guidelines and wait for Pat Murphy to forward the new rule guidelines. He indicated he would alert cities they can advance funds instead of accumulating them. He reiterated with combination routes, no action will allow State Aid to continue discouragement.

D) ADMINISTRATIVE ACCOUNTS

Julie Skallman handed out a summary sheet of expenditures as requested at the last Screening Board. The summary contained the following information: \$3,891,115 from cities; \$3,200,000 to State Aid salaries and expenses; \$30,000 for Screening Board and other short term committees; \$75,000 available to technician certification reimbursement (recommended cities should request reimbursement by December 31, 1995, when the cooperative reimbursement agreements expire). She discussed the purchase of traffic counters, computer modems or other upgrades, indicating in the future, State Aid would like to discuss major purchases with the Screening board for Items over \$100,000 that come out of this account.

Larry Anderson commented this should be at the discretion of the State Aid Engineer. Ken Larson stated Pat Murphy has discussed major issues with the President of the Board.

Julie Skallman asked Board members what training areas on the list provided should be pursued? The Board responded technical training and employee development would be desirable, with Ken Larson adding he had heard many good comments on the SDIC training.

Larry Anderson indicated operations training should be conducted by individual cities. Pat Murphy stated these courses are heavily subsidized, therefore, the fees would increase without the State Aid subsidy. Larry Read supported a partial support to maintain reasonable fees. Dave Halter, supported by Ken Larson, stated he was uncomfortable with gas taxes being utilized for these types of training, however, he would support the employee development subsidy.

Julie Skallman indicated a recent survey at the training indicated the employee development courses rated higher satisfaction than the operations training sessions. Pat

Murphy summarized the priorities as State Aid mandated, employee development, technical development and then operations training. Ramankutty Kannankutty stated he felt the technical edge (especially computers) and metrification should be priorities. Pat Murphy indicated metrification would become a State Aid mandated type training. R. Kannankutty said he felt State Aid staff had sufficient direction to carry out the training program, with the State Aid Advance guidelines. He added Pat Murphy would like to leave the meeting with an understanding on how to proceed.

E) GUIDELINES FOR ADVANCEMENT OF MUNICIPAL FUNDS

Dave Sonnenberg summarized three issues regarding the current \$90,000,000 balance. He indicated the trend has been downward and he is comfortable with \$50,000,000, especially since this is a short-term borrowing program with no interest. The issues are as follows: a) maximum amount limit or percentage, 2) amounts available for borrowing from individual cities; and 3) the process involving council resolution not guaranteeing funds. He indicated the maximum amount would be available. Gary Nansen stated he would like to see a floor. Mr. Larson clarified further by stating the amount available would be the difference between the end of the year balance and the floor. Pat Murphy confirmed this, and stated the reality is that the balance could be much less, due to spending.

Motion by Ken Larson, seconded by Larry Anderson, to set the floor at \$50,000,000 and allotment of no more than three (3) years allotment if annual allocation is less than \$500,000, or; one year allocation if over \$500,000; and that advances repaid by deductions be made from the next available allocations (Items 1 and 2 from draft). Approved unanimously.

Pat Murphy then described the need for Items 3 and 4 on the discussion draft, particularly the resolution requesting advance funding without being project specific. This allows flexibility in the event a project doesn't go and you have another one ready to proceed.

Motion by Dave Halter, seconded by Ramankutty Kannankutty, to approve items 3 and 4 provided that Item 4 is for all contracts and not just construction contracts. Approved unanimously.

Pat Murphy indicated there will be future reports on the balances and uses of this fund.

F) TURNBACKS

Dave Sonnenberg indicated Item A (excess mileage created by turnbacks) is on hold and may be discussed at the Spring Meeting.

Ken Straus discussed the draft resolution pertaining to mid-year certification, due to turnbacks.

Motion by Ramankutty, seconded by William Malin, to amend maximum mileage resolution to include language "the Division of State Aid will recompute available mileage, as necessary, to accomplish turnbacks". Approved unanimously.

Pat Murphy will consider the issue of county roads being designated as MSA's be considered turnbacks above the 20%, for six months, as this will be discussed again in June. John Rodeberg asked if this is a prevalent situation. Ken Straus responded he did not know specifically, due to the inability to predict which ones may be turned back.

Ken Larson asked if it is being managed by another agency, and does it meet MSA criteria? Dave Krueger thinks allowing above the 20% would be manipulating the system, since the needs have been drawn, and not having to maintain it. Larry Anderson would be in favor of allowing it above 20%.

Dale Swanson commented if there have been expenditures and then it is revoked, they have to pay it back. He questioned if a city would be required to pay back an expenditure they are forced to revoke, if they become over designated?

R.Kannankutty felt they should not be above 20%. Gary Nansen feels they should not be above 20%. Sid Williamson stated if it is designated MSA, it must be more important than other county roads, and if therefore, it is more important - why would it not be above 20%?

Motion by Ramankutty Kannankutty, seconded by Larry Anderson, to have turnbacks that are already designated as MSA routes, not be above the 20%. Approved unanimously.

If the mileage of CSAH is revoked and redesignated as MSAS on boundary, should it be 1/2 turnback for the route within the city? Dave Halter asked if an annexation incorporated a redesignated route, what would happen? Ken Straus indicated they would lose the 1/2 turnback.

Motion by Ramankutty Kannankutty, seconded by Curt Kreklau, to give 1/2 turnback mileage credit. Approved unanimously.

G) CHANGE TERM "NEEDS" TO "SYSTEM ALLOCATION"

Dave Halter indicated the use of needs is misunderstood. Larry Anderson recommended State Aid research the ramifications of making the change and address this issue next June.

Ken Larson commented on the use of system deficiency instead of allocation. Pat Murphy indicated he has a grasp of the issue and will come back in the spring, and would report to the Committee.

R. Kannankutty referred to the charts where the term "needs" would have to be exchanged.

Pat Murphy was comfortable with direction from the Chair to address this issue, therefore no motion was necessary.

H) MIKE MARTY FROM BRAUN TO DISCUSS LOCAL ROAD RESEARCH BOARD

Mike Marty introduced a video regarding the purpose of the Board and Research they do. Larry Read and Dale Swanson have participated on the LRRB Board.

Mike Marty commented on 10 to 15 projects initiated a year. Larry Anderson used to serve on the board, and felt there were few ideas submitted by city engineers, and strongly encouraged engineers to take the time to really think of subjects.

David Sonnenberg suggested a study on how the minds of legislatures work, and indicated videos are available to cities above 5,000 population.

I) OTHER ISSUES

Paul St. Martin asked if stated aid has considered what affect the rule changes will have on additional items in the needs report. Ken indicated they have started to look at this issue, and indicated the committee is open to further suggestions. Ken discussed the two (2) speed designs the cities can build to and that the speed may need to be reflected in needs, due to the additional width requirements.

J) PAT MURPHY COMMENTS

Rules will be adopted within the next week and published, copies will be mailed along with a summary sheet. The SALT strategic plan was reviewed, and nay comments should be forwarded to Pat Murphy.

K) THANK YOU'S

The Committee's sincere appreciated and form "thank you" was extended to Dan Edwards for his work on the Committee, and to Sid Williamson for serving as Chair of the Needs Study Subcommittee. In addition, the Screening Board was thanked, especially the three Representatives who will be leaving the Board:

Metro-West	Larry Anderson	Prior Lake
District 7	Ken Saffert	Mankato
Metro-East	Brian Bachmeier	Oakdale

David Sonnenberg was formally thanked for his outstanding service as President for the past year. He expressed his appreciation to the Board for allowing him to serve as President and stated he had thoroughly enjoyed the opportunity.

The Board recognized Ken Larson for his continued contributions with regard to the planning sessions.

L) CLOSING/ADJOURNMENT

Motion by Ramankutty Kannankutty, seconded by Ken Larson, to adjourn the October 25, 1995 Fall Municipal State Aid Screening Committee meeting at 11:02 a.m.
Approved unanimously.

Respectfully submitted,
C.E.A.M.

A handwritten signature in black ink, appearing to read 'Brian Bachmeier', written over the printed name.

Brian Bachmeier, P.E.
SECRETARY/TREASURER

BJB/tal/STATE1

**NEEDS STUDY SUBCOMMITTEE
MINUTES**

WEDNESDAY, OCTOBER 11, 1995

Members Present: Sid Williamson, Chairman, Sartell
 Bill Ottensmann, Coon Rapids
 Herb Reimer, Moorhead

The meeting was called to order by Chairman Williamson at 10:30 a.m.

1. BOND ACCOUNT ADJUSTMENT

The Needs Study Committee recommends the following wording to be used to implement the Screening Board approved bond account adjustment.

“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 project.

Expenditures on a county state aid or trunk highway are not eligible for the bond account adjustment.

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

2. COMBINATION ROUTES

A number of roadways carry both a County State Aid and Municipal State Aid designation. It has been suggested these dual designations be removed. The Needs Study Committee in reviewing this matter concluded that State Statutes allow for combination routes and cities could not be forced to remove the designation.

3. COUNTY TURN-BACKS

If a county road is turned back to the city, the city can add the county road to its MSA system. However, as the road is removed as part of the base upon which the 20% MSA mileage is calculated, the city loses MSA designation to the extent of 20% of the length of the county road turn-back. The Needs Study Committee concluded that attempting to make changes which would eliminate this 20% reduction would be difficult and still remain within the limitations of State Statutes. The Committee felt that there were probably few cities which are experiencing a significant problem. The Committee recommended no change in the formulas.

4. SHOULD COUNTY ROADS WITH AN MSAS OVERLAY DESIGNATION BE CONSIDERED AS COUNTY ROAD TURN-BACKS WHEN THEY ARE TURNED BACK TO THE CITY?

In a number of instances, either for funding reasons or to meet criteria that an MSAS roadway not terminate at a county road, cities were forced to designate MSAS over county roadways. The county road, when turned back to the city would be considered excess MSAS mileage over and above the 20%. Should cities, in effect, be allowed to decertify the MSA designation and thus recapture the MSA mileage? The Committee recommended where county roads are turned back to the city and carry an overlay MSAS designation, the city be allowed to remove the MSAS designation from the county road and re-acquire the MSAS mileage..

5. SHOULD THE CSAH MILEAGE THAT A CITY GETS IN TRADE FOR A TRUNK HIGHWAY TURN-BACK BE TREATED AS A COUNTY TURN-BACK ABOVE 20%?

In this instance the city has previously received a trunk highway as a turn-back and has received excess mileage. A trade is now proposed wherein the county will accept the trunk highway turn-back in exchange for an equal length of CSAH roadway. Since the county would not actually be turning back the CSAH route, technically the city would have to put the road in its 20% allowable mileage. Theoretically the county could turn-back the CSAH route and it would therefore become excess mileage. The Committee recommended that the exchange to be made without any loss of excess mileage.

6. NEEDS ADJUSTMENT - CITY OF APPLE VALLEY

In January, in the apportionment booklet, the bond account adjustment was erroneously not included in computing the money needs apportionment. This resulted in a reduction of \$1,306,719 in needs. The Needs Study Committee recommends the error be corrected and the correct amount be used in the 1996 apportionment.

7. RESOLUTION CHANGES - SCREENING BOARD ATTENDANCE

The Committee recommends the following be added:

Attendance at Spring and Fall Screening Board Meetings

The past two chairmen and members elect for the following three year term be invited to attend the final spring and fall Screening Board meetings. The expenses for the past two chairmen and the members elect shall be paid for from the administrative account.

Bond Adjustment

The Needs Study Subcommittee recommends the wording of bond adjustment shall be changed as follows:

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

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

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

~~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."

Population Apportionment

The Committee recommends the following wording:

Be it resolved that beginning in calendar year 1996, the MSA population apportionment shall be determined using the latest available federal census or population estimates of state demographer and/or the Metropolitan Council. No populations 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 upon population estimates except through consolidation.

8. OTHER BUSINESS

The Committee concluded additional study was needed in the area of needs and design differences. This matter will be studied at a later date.

SCHEDULE "A"

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Minnesota Department of Transportation ESTIMATED Funds Available for Distribution in Calendar Year 1996 From Highway User Tax Distribution Fund

ESTIMATED Gross Income After Refunds (Fiscal 1996)

Motor Fuel Tax	7-1-95 to 12-31-95	\$263,597,394
	1-1-96 to 6-30-96 (Est.)	<u>243,938,908</u>
Subtotal		\$507,536,302
Motor Vehicle Tax	7-1-95 to 12-31-95	\$223,642,627
	1-1-96 to 6-30-96 (Est.)	<u>248,443,800</u>
Subtotal		\$472,086,427
Total Highway Users Income		<u>\$979,622,729</u>

Less Transfer to:

DEPARTMENT OF PUBLIC SAFETY

Motor Vehicle Division	\$10,250,000
General Fund Reimbursement	716,000
Trunk Highway Reimbursement	461,000

DEPARTMENT OF REVENUE

Petroleum Division	1,907,000
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DEPARTMENT OF NATURAL RESOURCES

Unrefunded Marine Gas Tax	6,185,100
Unrefunded Snowmobile Gas Tax	3,092,600
Unrefunded All Terrain Vehicle Gas Tax	618,500
Unrefunded Forest Road	571,700
Off-Road Motorcycle	189,700
Off-Road Vehicle	676,300

DEPARTMENT OF ADMINISTRATION

Statewide Indirect Costs (Estimated)	<u>412,000</u>
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Subtotal: Transfers Out \$25,079,900

ESTIMATED Funds Available for Distribution in Calendar Year 1996

\$954,542,829

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

\$954,542,829 x 5% = \$47,727,141

Trunk Highway Fund	(28%)	\$13,363,599
County Turnback Account	(64%x27.5%)	8,399,977
Town Bridge Account	(64%x25%)	7,636,343
Town Road Account	(64%x47.5%)	14,509,051
Municipal Turnback Account	(8%)	<u>3,818,171</u>

Subtotal: 5% Distribution \$47,727,141

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

\$954,542,829 x 95% = \$906,815,688

Trunk Highway Fund	(62%)	562,225,727
County State Aid Highway Fund	(29%)	262,976,549
Municipal State Aid Street Fund	(8%)	<u>81,613,412</u>

Subtotal: 95% Distribution \$906,815,688

\$954,542,829

SCHEDULE "B"

Minnesota Department of Transportation ESTIMATED Funds Available for Distribution in 1996

Counties

INCOME:

Highway Users Fund (29%) - Excluding Turnback	\$262,976,549
Investment Interest	16,250,000
Increase in income over 1995 estimate	6,600,919
Unexpended balance of 1995 Administrative Cost Account	981,468
Unexpended balance of 1995 Research Account	0
Release of Unencumbered State Park Fund	<u>845</u>
Total Funds Available	\$286,809,781

DEDUCTIONS:

Administrative Account (1-1/2% of total funds available)	\$4,302,147
Disaster Fund	
Legal Limit (1% of Total Apportionment to Co.)	\$2,783,830
Unexpended balance as of 12/31/95	<u>2,012,552</u>
Amount required to make the 1% maximum	\$771,278
Research Account (1/2 of 1% of the 1995 Apportionment Sum)	
\$249,926,147 x .50% = \$1,249,630	
(As determined by 1995 Screening Board)	\$1,249,630
State Park Road Fund	
After deducting for the Administrative Account, Disaster Fund, and Research Account, a sum of three quarters of one percent of the remainder shall be set aside for use as prescribed by law.	<u>\$2,103,650</u>

APPORTIONMENT SUM Available for Distribution to the Counties in 1996

\$278,383,076

Equalization	10% =	27,838,308
Registration	10% =	27,838,308
Mileage	30% =	83,514,922
Money Needs	50% =	<u>139,191,538</u>
		\$278,383,076

SCHEDULE "C"

Minnesota Department of Transportation ESTIMATED Funds Available for Distribution in 1996

Municipalities

INCOME:

Highway Users Fund (9%) - Excluding Turnback	\$81,613,412
Interest on Investments	8,750,000
Increase in income over 1995 estimate	2,477,861
Unexpended balance of 1995 Administrative Cost Account	153,996
Unexpended balance of 1995 Research Account	<u>0</u>
Total Funds Available	\$92,995,269

DEDUCTIONS:

Administrative Account (1-1/2% of total funds available)	\$1,394,929
Disaster Fund	
Legal Limit	
(5% of the Current Apportionment Sum)	\$4,537,032
Unexpended balance as of 12/31/95	<u>4,085,935</u>
Amount required to make maximum allowed	\$451,097

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

Research Account (1/2 of 1% of the 1995 Apportionment Sum)	
\$81,718,700 x .50% = \$408,593	
(As determined by 1995 Screening Board)	\$408,593

APPORTIONMENT SUM Available for Distribution to the Urban Municipalities in 1996

\$90,740,650

Population	50% =	\$45,370,325
Money Needs	50% =	<u>45,370,325</u>
		\$90,740,650

SCHEDULE "D"

Minnesota Department of Transportation
ESTIMATED Funds Available for Distribution in 1996

Town Bridge Account & Town Road Account

Income to Town Bridge Account:

Highway Users Fund(64% x 25% x 5%)

\$7,636,343

Increase in income over previous years estimates

125,258

**Total monies available for distribution to
Towns in 1996**

\$7,761,601

Income to Town Road Account:

Highway Users Fund(64% x 47.5% x 5%)

\$14,509,051

Increase in income over previous years estimates

237,991

**Total monies available for distribution to
Towns in 1996**

\$14,747,042

APPORTIONMENT SUMMARY

The Municipalities share of the Highway Users Tax Distribution Fund for the 1996 apportionment is \$90,740,650. This amount is an increase of \$9,021,950 or 11.0403 % from the 1995 apportionment. The increase in revenue is mainly attributed to a higher amount from the motor fuel tax, motor vehicle tax, a higher return received on investments and underestimating the prior years revenue. The available funds are distributed 50% on Population and 50% on Adjusted Construction Needs and is done by the following steps.

Step 1. Population Allocation is determined:

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

The 1990 Federal Census or Special Census in conjunction with the State Demographer's or Metropolitan Council's 1994 estimate was used to determine the 1996 population apportionment. The following adjustments were made to the 1990 census and 1994 estimate due to annexations and detachments. The large increase in St. Cloud and Waite Park population is the result of the annexation of St. Cloud Township.

Austin	+ 23	Sartell	+ 42
Detroit Lakes	+ 6	St. Cloud	+ 8,110
Mankato	+ 7	Waite Park	+ 527
Otsego	- 6		

During 1995 North Branch and Branch consolidated with a combined population of 5140 to become one city, North Branch. By doing so, they increased the number of municipalities over 5,000 to 119. Glencoe, which is in the process of taking a special census, did not complete the census count in time to share in the apportionment.

The per capita population allocation is approximately \$15.25. This a increase of \$.84 from the 1995 allocation. No city took a special census in 1995.

Step 2. MSAS Construction Needs Allocation is determined:

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

The meaning of Construction Needs used in this report is a estimate of constructing and maintaining the Municipal State Aid Street (MSAS) system

over a period of 20 years. The MSAS system comprises up to 20% of the city's local and county road mileage plus county or trunk highway turnback mileage. The result of Screening Board adjustments to the Construction Needs are called the Adjusted Construction Needs.

In the 1996 apportionment, \$1000 in Adjusted Construction Needs earned approximately \$27.63. This is a increase of \$1.17 per \$1000 from the 1995 allocation when the needs earned approximately \$26.46. Even though, 88.34 additional MSA streets miles were designated in 1995 and the total adjusted needs increased close to 97 million dollars from the 1994 needs study, the value of the needs increased due to the additional revenue available to allocate.

Step 3. The Total Allotment is determined:

Population and Adjusted Construction Needs allocations are combined to determine the city's total apportionment.

Step 4. Construction and Maintenance Allotments are determined:

Each City's total allotment is used to determine the amounts allocated to their Maintenance and Construction Accounts. If a city didn't request more than the minimum maintenance, it was allocated at a rate of \$1500 per improved mile plus any bond interest that is due in 1996. A greater amount is allocated to those cities that have submitted a written request before December 16 preceding the apportionment. After the maintenance amount is determined, the remaining amount is allocated to the city's construction account.

An Administrative Variance from the State Aid rules adopted in 1995 was processed so that the minimum maintenance could be allocated at \$1500 per improved mile instead of \$1000 per improved kilometer.

1996 POPULATION APPORTIONMENT (The allocation per Capita equals approximately \$15.25)

The 1990 Census and the 1994 Estimate includes population increases or decreases due to annexations or detachments through December 1995.

Municipality	1990 or Special Census	1994 Estimate	Difference between Estimate & Census	Population used for 1996 Allocation	Allocation if only Census was used	1996 Allocation Using 1990 Census or 1994 Estimate	Difference Between Using Census & Estimate
Albert Lea	18,310	18,338	28	18,338	\$291,551	\$279,603	(\$11,948)
Alexandria	8,029	8,251	222	8,251	127,846	125,805	(2,041)
Andover	15,216	19,465	4,249	19,465	242,285	296,786	54,501
Anoka	17,192	17,509	317	17,509	273,749	266,963	(6,786)
Apple Valley	34,598	39,188	4,590	39,188	550,906	597,507	46,601
Arden Hills	9,199	9,426	227	9,426	146,476	143,720	(2,756)
Austin	21,953	22,062	109	22,062	349,559	336,383	(13,176)
Bemidji	11,166	11,494	328	11,494	177,797	175,251	(2,546)
Blaine	38,975	41,658	2,683	41,658	620,602	635,167	14,565
Bloomington	86,335	86,683	348	86,683	1,374,718	1,321,672	(53,046)
Brainerd	12,353	12,521	168	12,521	196,698	190,910	(5,788)
*** Brooklyn Center	28,887	28,484	(403)	28,887	459,970	440,445	(19,525)
Brooklyn Park	56,381	58,471	2,090	58,471	897,758	891,518	(6,240)
Buffalo	7,302	7,722	420	7,722	116,270	117,739	1,469
Burnsville	51,288	54,525	3,237	54,525	816,662	831,353	14,691
Cambridge	5,100	5,222	122	5,222	81,208	79,621	(1,587)
Champlin	16,849	19,030	2,181	19,030	268,288	290,154	21,866
Chanhassen	11,736	14,316	2,580	14,316	186,873	218,279	31,406
Chaska	11,339	13,721	2,382	13,721	180,552	209,207	28,655
*** Chisholm	5,290	5,220	(70)	5,290	84,233	80,658	(3,575)
Cloquet	10,885	11,070	185	11,070	173,323	168,786	(4,537)
*** Columbia Heights	18,910	18,882	(28)	18,910	301,105	288,324	(12,781)
Coon Rapids	52,978	58,991	6,013	58,991	843,572	899,447	55,875
Corcoran	5,199	5,508	309	5,508	82,784	83,981	1,197
Cottage Grove	22,935	26,675	3,740	26,675	365,196	406,719	41,523
Crookston	8,119	8,163	44	8,163	129,279	124,463	(4,816)
*** Crystal	23,788	23,703	(85)	23,788	378,778	362,700	(16,078)
Detroit Lakes	7,147	7,301	154	7,301	113,802	111,320	(2,482)
Duluth	85,493	85,746	253	85,746	1,361,311	1,307,385	(53,926)
Eagan	47,409	54,957	7,548	54,957	754,897	837,939	83,042

Municipality	1990 or Special Census	1994 Estimate	Difference between Estimate & Census	Population used for 1996 Allocation	Allocation if only Census was used	1996 Allocation Using 1990 Census or 1994 Estimate	Difference Between Using Census & Estimate
East Bethel	8,050	8,702	652	8,702	\$128,181	\$132,681	\$4,500
East Grand Forks	8,658	8,947	289	8,947	137,862	136,417	(1,445)
Eden Prairie	39,311	44,189	4,878	44,189	625,952	673,758	47,806
Edina	46,075	46,841	766	46,841	733,655	714,193	(19,462)
Elk River	11,143	12,811	1,668	12,811	177,431	195,332	17,901
Fairmont	11,265	11,350	85	11,350	179,373	173,056	(6,317)
*** Falcon Heights	5,380	5,297	(83)	5,380	85,666	82,030	(3,636)
Faribault	17,090	18,492	1,402	18,492	272,125	281,951	9,826
Farmington	5,940	6,870	930	6,870	94,583	104,748	10,165
Fergus Falls	12,488	12,596	108	12,596	198,847	192,054	(6,793)
Forest Lake	6,008	6,397	389	6,397	95,666	97,536	1,870
*** Fridley	28,335	28,104	(231)	28,335	451,180	432,029	(19,151)
*** Golden Valley	20,971	20,947	(24)	20,971	333,923	319,749	(14,174)
Grand Rapids	7,976	8,163	187	8,163	127,002	124,463	(2,539)
Ham Lake	8,924	9,825	901	9,825	142,097	149,804	7,707
Hastings	15,478	16,200	722	16,200	246,457	247,004	547
Hermantown	6,761	7,237	476	7,237	107,656	110,344	2,688
*** Hibbing	18,046	17,964	(82)	18,046	287,348	275,151	(12,197)
Hopkins	16,529	16,536	7	16,536	263,192	252,127	(11,065)
** Hugo	5,223	5,208	(15)	5,223	83,166	79,636	(3,530)
Hutchinson	11,459	12,174	715	12,174	182,462	185,619	3,157
*** International Falls	8,301	7,811	(490)	8,301	132,177	126,567	(5,610)
Inver Grove Heights	22,477	25,243	2,766	25,243	357,903	384,885	26,982
Lake Elmo	5,874	6,072	198	6,072	93,532	92,581	(951)
* Lakeville	33,274	32,978	(296)	33,274	529,824	507,335	(22,489)
Lino Lakes	8,807	12,266	3,459	12,266	140,234	187,022	46,788
Litchfield	6,090	6,138	48	6,138	96,971	93,587	(3,384)
Little Canada	8,971	9,225	254	9,225	142,846	140,655	(2,191)
Little Falls	7,371	7,595	224	7,595	117,369	115,802	(1,567)
Mahtomedi	5,633	6,353	720	6,353	89,695	96,865	7,170
Mankato	31,412	31,913	501	31,913	500,175	486,583	(13,592)
Maple Grove	38,736	43,542	4,806	43,542	616,796	663,893	47,097
Maplewood	30,954	32,903	1,949	32,903	492,883	501,678	8,795
Marshall	12,023	12,397	374	12,397	191,443	189,019	(2,424)
Mendota Heights	9,388	10,636	1,248	10,636	149,486	162,169	12,683

		1990 or Special Census	1994 Estimate	Difference between Estimate & Census	Population used for 1996 Allocation	Allocation if only Census was used	1996 Allocation Using 1990 Census or 1994 Estimate	Difference Between Using Census & Estimate
***	Minneapolis	368,383	366,480	(1,903)	368,383	\$5,865,787	\$5,616,803	(\$248,984)
	Minnetonka	48,370	50,569	2,199	50,569	770,199	771,035	836
	Montevideo	5,499	5,519	20	5,519	87,561	84,149	(3,412)
	Monticello	5,045	5,527	482	5,527	80,332	84,271	3,939
	Moorhead	32,295	33,618	1,323	33,618	514,235	512,580	(1,655)
	Morris	5,613	5,647	34	5,647	89,376	86,101	(3,275)
***	Mound	9,634	9,592	(42)	9,634	153,403	146,891	(6,512)
	Mounds View	12,541	12,552	11	12,552	199,691	191,383	(8,308)
	New Brighton	22,207	22,328	121	22,328	353,604	340,439	(13,165)
***	New Hope	21,853	21,651	(202)	21,853	347,967	333,197	(14,770)
	New Ulm	13,132	13,477	345	13,477	209,102	205,486	(3,616)
****	North Branch	5140	5,140	0	5,140	81,845	78,371	(3,474)
	North Mankato	10,662	11,183	521	11,183	169,772	170,509	737
	North St. Paul	12,376	12,809	433	12,809	197,064	195,301	(1,763)
	Northfield	14,684	15,352	668	15,352	233,814	234,075	261
****	Oak Grove	5,488	5,997	509	5,997	87,386	91,437	4,051
	Oakdale	18,403	22,933	4,530	22,933	293,032	349,664	56,632
	Orono	7,285	7,444	159	7,444	116,000	113,500	(2,500)
	Otsego	5213	6,017	804	6,017	83,007	91,742	8,735
	Owatonna	19,386	20,280	894	20,280	308,685	309,213	528
	Plymouth	50,889	57,391	6,502	57,391	810,309	875,051	64,742
	Prior Lake	11,482	12,559	1,077	12,559	182,829	191,489	8,660
	Ramsey	12,408	14,907	2,499	14,907	197,573	227,290	29,717
	Red Wing	15,134	15,645	511	15,645	240,980	238,542	(2,438)
***	Richfield	35,710	35,261	(449)	35,710	568,613	544,477	(24,136)
***	Robbinsdale	14,396	14,255	(141)	14,396	229,228	219,498	(9,730)
	Rochester	70,981	76,865	5,884	76,865	1,130,235	1,171,975	41,740
	Rosemount	8,622	11,086	2,464	11,086	137,289	169,030	31,741
	Roseville	33,485	33,674	189	33,674	533,184	513,434	(19,750)
	St. Anthony	7,727	7,939	212	7,939	123,038	121,047	(1,991)
	St. Cloud	56,954	58,253	1,299	58,253	906,882	888,194	(18,688)
***	St. Louis Park	43,787	43,641	(146)	43,787	697,223	667,628	(29,595)
***	St. Paul	272,235	271,660	(575)	272,235	4,334,816	4,150,817	(183,999)
	St. Peter	9,481	9,782	301	9,782	150,967	149,148	(1,819)
	Sartell	5,452	6,455	1,003	6,455	86,813	98,421	11,608

Municipality	1990 or Special Census	1994 Estimate	Difference between Estimate & Census	Population used for 1996 Allocation	Allocation if only Census was used	1996 Allocation Using 1990 Census or 1994 Estimate	Difference Between Using Census & Estimate
Sauk Rapids	7,823	8,946	1,123	8,946	\$124,566	\$136,401	\$11,835
Savage	9,906	13,703	3,797	13,703	157,734	208,932	51,198
Shakopee	11,739	13,041	1,302	13,041	186,921	198,839	11,918
Shoreview	24,587	25,957	1,370	25,957	391,500	395,771	4,271
Shorewood	5,913	6,613	700	6,613	94,153	100,830	6,677
South St. Paul	20,197	20,396	199	20,396	321,598	310,982	(10,616)
Spring Lake Park	6,532	6,628	96	6,628	104,009	101,058	(2,951)
Stillwater	13,882	15,350	1,468	15,350	221,044	234,044	13,000
Thief River Falls	8,010	8,043	33	8,043	127,544	122,633	(4,911)
Vadnais Heights	11,041	11,968	927	11,968	175,807	182,478	6,671
*** Virginia	9,431	9,232	(199)	9,431	150,170	143,796	(6,374)
Waite Park	5,453	5,903	450	5,903	86,828	90,004	3,176
*** Waseca	8,385	8,184	(201)	8,385	133,515	127,848	(5,667)
West St. Paul	19,248	19,332	84	19,332	306,487	294,759	(11,728)
White Bear Lake	24,622	25,804	1,182	25,804	392,058	393,438	1,380
Willmar	17,531	18,544	1,013	18,544	279,147	282,743	3,596
Winona	25,435	25,805	370	25,805	405,003	393,453	(11,550)
* Woodbury	26,900	28,627	1,727	28,627	428,330	436,480	8,150
Worthington	9,977	10,200	223	10,200	158,864	155,520	(3,344)
TOTAL	2,849,346	2,969,988	120,642	2,975,653	\$45,370,325	\$45,370,325	\$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.

\$45,370,325 Equals \$15.24718272 Per person
2,975,653

1996 MSAS CONSTRUCTION NEEDS APPORTIONMENT

The 25-year construction needs (money needs) shown in this report are arrived from the "1995 Needs Study Update." Each city's total construction needs are computed from roadway data submitted by that city for their Municipal State Aid Street System. A number of adjustments are made to the actual construction needs as outlined by the Screening Board Resolutions and directed by the Screening Board. The adjusted construction needs are the result of adding or subtracting for Screening Board adjustments, subtracting for the Unencumbered Construction Fund Balance and adding or subtracting for Bond Accounts, adding Non-existing Bridge "After the fact Needs", 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.

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

This summary provides specific data and shows the impact of the adjustments to each municipality in establishing the 1996 Construction Needs Apportionment. The adjustments are listed individually following the construction needs apportionment sheets.

DETERMINATION OF THE 1995 ADJUSTED CONSTRUCTION NEEDS

for the 1996 Construction Needs Apportionment

Needs Value: \$100 in construction needs = approximately \$2.76 in apportionment

Apple Valley's Screening Board adjustment is for total affect of adjustments not received in 1995 apportionment.

Municipality	1995 Actual 25-Year Construction Needs	Screening Board Adjustments	(-) Unencumbered Construction Fund Balance Adjustment	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	Total Affect Of Adjustments	1995 Adjusted Construction Needs
Albert Lea	\$11,038,471	\$84,960	(\$1,575,117)	--	--	\$6,827	(\$207,278)	(\$1,690,608)	\$9,347,863
Alexandria	6,584,571	--	(271,824)	--	--	--	(85,966)	(357,790)	6,226,781
Andover	12,507,023	35,400	(492,208)	\$200,000	--	147,283	--	(109,525)	12,397,498
Anoka	6,155,757	--	(584,430)	(282,235)	--	216,505	(14,214)	(664,374)	5,491,383
Apple Valley	15,501,872	1,306,719	--	1,210,554	--	--	(28,835)	2,488,438	17,990,310
Arden Hills	3,924,918	--	(501,784)	--	--	--	--	(501,784)	3,423,134
Austin	18,720,949	--	(1,578,113)	--	--	--	(4,710)	(1,582,823)	17,138,126
Bemidji	9,002,961	35,400	(647,780)	--	--	220,201	(143,356)	(535,535)	8,467,426
Blaine	19,441,168	--	(2,253,001)	--	--	183,259	(172,996)	(2,242,738)	17,198,430
Bloomington	63,375,690	93,456	(4,385,186)	--	2,326,375	5,687,514	(268,282)	3,453,877	66,829,567
Brainerd	6,158,940	--	(1,132,841)	--	--	--	--	(1,132,841)	5,026,099
Brooklyn Center	12,887,046	--	(1,835,225)	2,605,000	--	2,523,341	--	3,293,116	16,180,162
Brooklyn Park	20,486,020	--	(2,554,577)	--	--	234,817	(323,732)	(2,643,492)	17,842,528
Buffalo	5,797,205	885	(362,686)	--	--	--	--	(361,801)	5,435,404
Burnsville	19,971,788	--	(1,264,162)	--	349,684	1,328,186	--	413,708	20,385,496
Cambridge	2,808,133	--	--	640,055	--	--	--	640,055	3,448,189
Champlin	5,675,186	--	(240,073)	--	--	123,432	--	(116,641)	5,558,545
Chanhassen	13,230,013	--	(649,995)	--	--	65,000	--	(584,995)	12,645,018
Chaska	10,358,931	--	--	--	--	92,467	--	92,467	10,451,398
Chisholm	3,438,183	--	--	--	--	--	--	0	3,438,183
Cloquet	11,473,554	128,856	--	661,417	--	22,271	--	812,544	12,286,098
Columbia Heights	7,617,018	233,699	(1,647,632)	--	--	133,200	(466,559)	(1,747,292)	5,869,726
Coon Rapids	16,942,218	--	(1,806,681)	362,602	--	1,010,152	--	(433,927)	16,508,291
Corcoran	6,177,617	--	(18,106)	--	--	5,762	--	(12,344)	6,165,273
Cottage Grove	17,257,865	--	--	75,000	--	425,664	--	500,664	17,758,529
Crookston	11,750,689	--	(154,599)	--	--	1,016,538	(66,912)	795,027	12,545,716

Municipality	1995 Actual 25-Year Construction Needs	Screening Board Adjustments	(-) Unencumbered Construction Fund Balance Adjustment	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	Total Affect Of Adjustments	1995 Adjusted Construction Needs
Crystal	\$12,582,647	\$64,428	(\$1,358,382)	--	--	\$3,817,423	(\$8,257)	\$2,515,212	\$15,097,859
Detroit Lakes	3,957,989	--	(810)	--	--	--	--	(810)	3,957,179
Duluth	64,194,818	71,272	--	--	\$1,054,200	230,314	(1,288,780)	67,006	64,261,824
Eagan	21,336,218	(885)	--	\$1,490,000	--	392,508	--	1,881,623	23,217,841
East Bethel	7,330,926	--	(222,420)	--	--	17,200	--	(205,220)	7,125,706
East Grand Forks	4,457,683	70,859	(174,128)	15,000	--	121,700	--	33,431	4,491,114
Eden Prairie	24,469,693	--	(2,126)	(888,337)	974,299	--	--	83,836	24,553,529
Edina	22,203,146	--	(4,950,129)	--	--	45,296	--	(4,904,833)	17,298,313
Elk River	14,364,423	--	--	830,000	--	194,227	--	1,024,227	15,388,650
Fairmont	18,015,909	--	(189,931)	--	--	74,988	(330,111)	(445,054)	17,570,855
Falcon Heights	637,449	--	(302,851)	(27,988)	--	--	--	(330,839)	306,610
Faribault	15,338,787	502,680	(716,703)	--	--	2,346	(116,468)	(328,145)	15,010,642
Farmington	7,550,347	--	(567,055)	--	--	83,865	--	(483,190)	7,067,157
Fergus Falls	9,025,798	128,974	(1,012,064)	--	--	67,200	(40,902)	(856,782)	8,169,006
Forest Lake	2,611,622	--	--	--	--	27,900	--	27,900	2,639,522
Fridley	8,919,114	128,856	(1,153,849)	--	--	95,081	(147,944)	(1,077,856)	7,841,258
Golden Valley	12,805,145	467,280	(157,949)	--	--	419,693	--	729,024	13,534,169
Grand Rapids	6,244,325	280,368	--	--	--	--	--	280,368	6,524,693
Ham Lake	8,423,880	--	(153,909)	223,061	--	77,493	--	146,645	8,570,525
Hastings	6,182,629	--	(75,405)	--	233,038	17,620	--	175,253	6,357,882
Hermantown	4,651,233	--	(512,495)	--	--	82,468	(182,219)	(612,246)	4,038,987
Hibbing	24,013,063	--	(1,485,381)	--	--	78,725	--	(1,406,656)	22,606,407
Hopkins	7,077,631	--	(453,308)	--	--	--	--	(453,308)	6,624,323
Hugo	7,964,742	--	(212,912)	--	--	--	--	(212,912)	7,751,830
Hutchinson	7,032,869	--	(1,228,726)	--	--	--	--	(1,228,726)	5,804,143
International Falls	4,487,075	--	(134,211)	--	--	--	(24,631)	(158,842)	4,328,233
Inver Grove Heights	8,536,294	--	--	--	--	1,112,132	--	1,112,132	9,648,426
Lake Elmo	2,689,810	--	(143,394)	--	--	100,641	--	(42,753)	2,646,057
Lakeville	27,986,140	443,916	--	--	813,036	170,254	--	1,427,206	29,413,346
Lino Lakes	8,531,870	--	(479,675)	--	--	64,950	--	(414,725)	8,117,145
Litchfield	5,063,417	--	(537,210)	--	--	--	--	(537,210)	4,526,207
Little Canada	4,590,594	--	(173,754)	215,000	--	--	--	41,246	4,631,840
Little Falls	6,812,938	--	(191,966)	--	--	311,472	--	119,506	6,932,444

Municipality	1995 Actual 25-Year Construction Needs	Screening Board Adjustments	(-) Unencumbered Construction Fund Balance Adjustment	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	Total Affect Of Adjustments	1995 Adjusted Construction Needs
Mahtomedi	\$1,780,253	--	(\$25,191)	--	--	--	--	(\$25,191)	\$1,755,062
Mankato	23,433,670	--	(1,182)	--	--	\$433,175	(\$102,347)	329,646	23,763,316
Maple Grove	24,813,442	\$186,912	--	(\$19,701)	--	1,244,255	--	1,411,466	26,224,908
Maplewood	12,161,575	35,400	(1,128,776)	--	--	--	(28,375)	(1,121,751)	11,039,824
Marshall	6,475,055	--	(680,208)	(74,504)	--	60,338	--	(694,374)	5,780,681
Mendota Heights	4,671,640	35,400	(57,757)	--	--	8,970	--	(13,387)	4,658,253
Minneapolis	196,205,766	--	(5,808,396)	--	\$3,119,041	9,486,130	(71,714)	6,725,061	202,930,827
Minnetonka	26,219,870	--	--	--	--	71,450	--	71,450	26,291,320
Montevideo	4,161,598	--	(246,959)	--	--	17,121	--	(229,838)	3,931,760
Monticello	3,581,440	--	(298,594)	--	--	149,510	--	(149,084)	3,432,356
Moorhead	20,315,279	35,400	(858,200)	--	--	130,305	(439,028)	(1,131,523)	19,183,756
Morris	2,577,658	--	(53,067)	--	--	2,379	--	(50,688)	2,526,970
Mound	3,721,603	93,574	(1,053,771)	--	--	107,446	--	(852,751)	2,868,852
Mounds View	4,320,369	--	(593,970)	--	--	--	--	(593,970)	3,726,399
New Brighton	6,687,013	444,683	(624,991)	--	--	--	--	(180,308)	6,506,705
New Hope	9,682,346	--	(661,477)	--	--	183,000	(207,238)	(685,715)	8,996,631
New Ulm	7,554,441	373,824	(442,531)	--	--	--	--	(68,707)	7,485,734
North Branch	7,685,578	--	--	--	--	--	--	0	7,685,578
North Mankato	6,420,809	--	--	110,000	--	395,146	--	505,146	6,925,955
North St. Paul	4,515,658	--	(656,617)	--	--	78,068	(354,655)	(933,204)	3,582,454
Northfield	7,255,747	93,456	(476,651)	--	--	8,850	--	(374,345)	6,881,402
Oak Grove	6,709,306	312,864	--	--	--	--	--	312,864	7,022,170
Oakdale	8,975,823	(312,864)	--	1,008,580	--	211,229	--	906,945	9,882,768
Orono	8,989,906	--	(731,043)	--	--	--	--	(731,043)	8,258,863
Otsego	8,149,362	--	(403,554)	--	--	8,900	--	(394,654)	7,754,708
Owatonna	12,625,811	128,856	(123,035)	--	--	--	--	5,821	12,631,632
Plymouth	23,959,540	186,912	(2,416,922)	--	--	192,964	--	(2,037,046)	21,922,494
Prior Lake	7,373,890	--	--	--	--	281,025	--	281,025	7,654,915
Ramsey	11,207,037	--	(1,153,399)	200,000	--	180,075	--	(773,324)	10,433,713
Red Wing	15,208,463	59	(1,085,067)	--	991,307	62,176	(17,877)	(49,402)	15,159,061
Richfield	15,423,382	93,456	(2,984,103)	--	--	2,997,333	(26,695)	79,991	15,503,373
Robbinsdale	5,391,437	64,428	(582,407)	--	--	--	(217,974)	(735,953)	4,655,484
Rochester	35,648,171	93,515	(2,647,859)	--	--	3,616,427	(326,634)	735,449	36,383,620

Municipality	1995 Actual 25-Year Construction Needs	Screening Board Adjustments	(-) Unencumbered Construction Fund Balance Adjustment	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	Total Affect Of Adjustments	1995 Adjusted Construction Needs
Rosemount	\$13,022,062	\$164,256	(\$573,680)	--	--	--	--	(\$409,424)	\$12,612,638
Roseville	8,291,852	373,824	(1,176,479)	\$1,415,000	\$2,814,714	\$1,660,726	(\$37,258)	5,050,527	13,342,379
St. Anthony	3,452,663	--	(280,230)	--	--	--	(116,775)	(397,005)	3,055,658
St. Cloud	20,515,666	106,200	(239,929)	1,685,000	--	1,175,435	(62,266)	2,664,440	23,180,106
St. Louis Park	16,743,575	44,840	(734,778)	--	--	46,792	--	(643,146)	16,100,429
St. Paul	160,807,836	59	(11,474,939)	--	320,857	3,606,344	(230,500)	(7,778,179)	153,029,657
St. Peter	6,908,482	--	(578,764)	--	--	26,182	(27,516)	(580,098)	6,328,384
Sartell	3,675,881	--	(431,891)	--	--	--	--	(431,891)	3,243,990
Sauk Rapids	4,768,175	--	--	--	--	13,778	--	13,778	4,781,953
Savage	13,119,075	--	(42,240)	325,000	--	--	--	282,760	13,401,835
Shakopee	8,276,740	--	(735,749)	--	--	--	--	(735,749)	7,540,991
Shoreview	3,342,684	--	(411,437)	--	--	--	--	(411,437)	2,931,247
Shorewood	5,881,284	--	(913,290)	--	--	--	--	(913,290)	4,967,994
South St. Paul	7,192,933	--	(1,487,909)	--	--	--	(11,288)	(1,499,197)	5,693,736
Spring Lake Park	1,995,871	--	--	--	--	--	--	0	1,995,871
Stillwater	5,983,606	35,400	(515,911)	--	--	104,442	--	(376,069)	5,607,537
Thief River Falls	10,317,828	(64,457)	(54,297)	--	--	42,475	(27,407)	(103,686)	10,214,142
Vadnais Heights	2,244,318	--	--	--	--	--	--	0	2,244,318
Virginia	7,174,940	59	--	--	--	--	--	59	7,174,999
Waite Park	2,750,424	--	(52,324)	--	--	--	--	(52,324)	2,698,100
Waseca	3,199,727	35,518	(160,879)	--	--	5,000	--	(120,361)	3,079,366
West St. Paul	5,918,552	--	(559,585)	--	--	--	--	(559,585)	5,358,967
White Bear Lake	9,971,119	35,400	(902,636)	--	--	279,823	--	(587,413)	9,383,706
Willmar	10,869,928	70,800	(405,524)	--	--	152,500	(50,418)	(232,642)	10,637,286
Winona	10,402,120	--	(623,053)	--	--	340,950	(175,035)	(457,138)	9,944,982
Woodbury	27,369,731	--	--	(950)	1,410,197	280,615	--	1,689,862	29,059,593
Worthington	5,887,388	--	(847,520)	--	--	26,842	--	(820,678)	5,066,710
STATE TOTAL	\$1,652,360,408	\$6,744,897	(\$89,545,533)	\$11,977,554	\$14,406,748	\$48,736,091	(\$6,453,152)	(\$14,133,395)	\$1,638,227,013

Construction Needs Apportionment = \$45,260,093 / \$1,638,227,013 = 0.027627485
x City's Adjusted Construction Needs + TH Turnback Maintenance Adjustment

1996 CONSTRUCTION NEEDS APPORTIONMENT

Needs Value: \$100 in construction needs = approximately \$2.76 in apportionment

Municipality	1995 Adjusted Construction Needs	Construction Needs Apportion- ment Minus Turnback Maintenance	(+) Trunk Highway Turnback Maintenance Allowance	1996 Construction Needs Apportion- ment	% Of Total Dist.
Albert Lea	\$9,347,863	\$258,258	--	\$258,258	0.5695
Alexandria	6,226,781	172,030	--	172,030	0.3795
Andover	12,397,498	342,512	--	342,512	0.7549
Anoka	5,491,383	151,713	--	151,713	0.3344
Apple Valley	17,990,310	497,027	--	497,027	1.0955
Arden Hills	3,423,134	94,573	--	94,573	0.2084
Austin	17,138,126	473,483	--	473,483	1.0436
Bemidji	8,467,426	233,934	--	233,934	0.5156
Blaine	17,198,430	475,149	--	475,149	1.0473
Bloomington	66,829,567	1,846,333	--	1,846,333	4.0695
Brainerd	5,026,099	138,858	--	138,858	0.3061
Brooklyn Center	16,180,162	447,017	--	447,017	0.9853
Brooklyn Park	17,842,528	492,944	\$21,168	514,112	1.1331
Buffalo	5,435,404	150,167	--	150,167	0.3310
Burnsville	20,385,496	563,200	--	563,200	1.2413
Cambridge	3,448,188	95,265	15,480	110,745	0.2441
Champlin	5,558,545	153,569	--	153,569	0.3385
Chanhassen	12,645,018	349,350	--	349,350	0.7700
Chaska	10,451,398	288,746	--	288,746	0.6364
Chisholm	3,438,183	94,988	1,944	96,932	0.2136
Cloquet	12,286,098	339,434	12,600	352,034	0.7755
Columbia Heights	5,869,726	162,166	--	162,166	0.3574
Coon Rapids	16,508,291	456,083	--	456,083	1.0052
Corcoran	6,165,273	170,331	--	170,331	0.3754
Cottage Grove	17,758,529	490,624	--	490,624	1.0814
Crookston	12,545,716	346,607	--	346,607	0.7640
Crystal	15,097,859	417,116	--	417,116	0.9194
Detroit Lakes	3,957,179	109,327	--	109,327	0.2410
Duluth	64,261,824	1,775,393	--	1,775,393	3.9131
Eagan	23,217,841	641,451	--	641,451	1.4138
East Bethel	7,125,706	196,865	--	196,865	0.4339
East Grand Forks	4,491,114	124,078	--	124,078	0.2735
Eden Prairie	24,553,529	678,352	--	678,352	1.4951
Edina	17,298,313	477,909	--	477,909	1.0534
Elk River	15,388,650	425,150	--	425,150	0.9371
Fairmont	17,570,855	485,439	--	485,439	1.0699
Falcon Heights	306,610	8,471	--	8,471	0.0187
Faribault	15,010,642	414,706	--	414,706	0.9140
Farmington	7,067,157	195,248	--	195,248	0.4303
Fergus Falls	8,169,006	225,689	43,632	269,321	0.5936

Municipality	1995 Adjusted Construction Needs	Construction Needs Apportion- ment Minus Turnback Maintenance	(+) Trunk Highway Turnback Maintenance Allowance	1996 Construction Needs Apportion- ment	% Of Total Dist.
Forest Lake	\$2,639,522	\$72,923	--	\$72,923	0.1607
Fridley	7,841,258	216,634	--	216,634	0.4775
Golden Valley	13,534,169	373,915	--	373,915	0.8241
Grand Rapids	6,524,693	180,261	--	180,261	0.3973
Ham Lake	8,570,525	236,782	--	236,782	0.5219
Hastings	6,357,882	175,652	--	175,652	0.3872
Hermantown	4,038,987	111,587	--	111,587	0.2459
Hibbing	22,606,407	624,558	\$2,880	627,438	1.3829
Hopkins	6,624,323	183,013	--	183,013	0.4034
Hugo	7,751,830	214,164	--	214,164	0.4720
Hutchinson	5,804,143	160,354	--	160,354	0.3534
International Falls	4,328,233	119,578	--	119,578	0.2636
Inver Grove Heights	9,648,426	266,562	--	266,562	0.5875
Lake Elmo	2,646,057	73,104	--	73,104	0.1611
Lakeville	29,413,346	812,617	--	812,617	1.7911
Lino Lakes	8,117,145	224,256	--	224,256	0.4943
Litchfield	4,526,207	125,048	--	125,048	0.2756
Little Canada	4,631,840	127,966	--	127,966	0.2820
Little Falls	6,932,444	191,526	--	191,526	0.4221
Mahtomedi	1,755,062	48,488	--	48,488	0.1069
Mankato	23,763,316	656,521	1,728	658,249	1.4508
Maple Grove	26,224,908	724,528	--	724,528	1.5969
Maplewood	11,039,824	305,003	--	305,003	0.6723
Marshall	5,780,681	159,706	--	159,706	0.3520
Mendota Heights	4,658,253	128,696	--	128,696	0.2837
Minneapolis	202,930,827	5,606,468	--	5,606,468	12.3571
Minnetonka	26,291,320	726,363	--	726,363	1.6010
Montevideo	3,931,760	108,625	--	108,625	0.2394
Monticello	3,432,356	94,827	--	94,827	0.2090
Moorhead	19,183,756	529,999	--	529,999	1.1682
Morris	2,526,970	69,814	--	69,814	0.1539
Mound	2,868,852	79,259	--	79,259	0.1747
Mounds View	3,726,399	102,951	--	102,951	0.2269
New Brighton	6,506,705	179,764	--	179,764	0.3962
New Hope	8,996,631	248,554	--	248,554	0.5478
New Ulm	7,485,734	206,812	--	206,812	0.4558
North Branch	7,685,578	212,333	--	212,333	0.4680
North Mankato	6,925,955	191,347	--	191,347	0.4217
North St. Paul	3,582,454	98,974	--	98,974	0.2181
Northfield	6,881,402	190,116	--	190,116	0.4190

Municipality	1995 Adjusted Construction Needs	Construction Needs Apportion- ment Minus Turnback Maintenance	(+) Trunk Highway Turnback Maintenance Allowance	1996 Construction Needs Apportion- ment	% Of Total Dist.
Oak Grove	\$7,022,170	\$194,005	--	\$194,005	0.4271
Oakdale	9,882,768	273,036	--	273,036	0.6018
Orono	8,258,863	228,172	--	228,172	0.5029
Otsego	7,754,708	214,243	--	214,243	0.4722
Owatonna	12,631,632	348,980	--	348,980	0.7692
Plymouth	21,922,494	605,663	--	605,663	1.3349
Prior Lake	7,654,915	211,486	--	211,486	0.4661
Ramsey	10,433,713	288,257	--	288,257	0.6353
Red Wing	15,159,061	418,807	--	418,807	0.9231
Richfield	15,503,373	428,319	--	428,319	0.9441
Robbinsdale	4,655,484	128,619	--	128,619	0.2835
Rochester	36,383,620	1,005,188	--	1,005,188	2.2155
Rosemount	12,612,638	348,455	--	348,455	0.7680
Roseville	13,342,379	368,616	--	368,616	0.8125
St. Anthony	3,055,658	84,420	--	84,420	0.1861
St. Cloud	23,180,106	640,408	\$8,784	649,192	1.4309
St. Louis Park	16,100,429	444,814	--	444,814	0.9804
St. Paul	153,029,657	4,227,825	--	4,227,825	9.3185
St. Peter	6,328,384	174,837	--	174,837	0.3854
Sartell	3,243,990	89,623	--	89,623	0.1975
Sauk Rapids	4,781,953	132,113	--	132,113	0.2912
Savage	13,401,835	370,259	--	370,259	0.8161
Shakopee	7,540,991	208,339	--	208,339	0.4592
Shoreview	2,931,247	80,983	--	80,983	0.1785
Shorewood	4,967,994	137,253	--	137,253	0.3025
South St. Paul	5,693,736	157,304	--	157,304	0.3467
Spring Lake Park	1,995,871	55,141	--	55,141	0.1215
Stillwater	5,607,537	154,922	--	154,922	0.3415
Thief River Falls	10,214,142	282,191	--	282,191	0.6220
Vadnais Heights	2,244,318	62,005	--	62,005	0.1367
Virginia	7,174,999	198,227	--	198,227	0.4366
Waite Park	2,698,100	74,542	2,016	76,558	0.1687
Waseca	3,079,366	85,075	--	85,075	0.1875
West St. Paul	5,358,967	148,055	--	148,055	0.3263
White Bear Lake	9,383,706	259,248	--	259,248	0.5714
Willmar	10,637,286	293,881	--	293,881	0.6477
Winona	9,944,982	274,755	--	274,755	0.6056
Woodbury	29,059,593	802,843	--	802,843	1.7695
Worthington	5,066,710	139,981	--	139,981	0.3085
STATE TOTAL	\$1,638,227,013	\$45,260,093	\$110,232	\$45,370,325	100.0000

Construction Needs Apportionment = \$45,260,093 / \$1,638,227,013 = 0.027627485
x City's Adjusted Construction Needs + Turnback Maintenance Adjustment

1996 M.S.A.S. TOTAL APPORTIONMENT

Municipalities	Population Apportion- ment	Construction Needs Apportion- ment	1996 Total Apportion- ment	Distribution Percentage
Albert Lea	\$279,603	\$258,258	\$537,861	0.5927
Alexandria	125,805	172,030	297,835	0.3282
Andover	296,786	342,512	639,298	0.7045
Anoka	266,963	151,713	418,676	0.4614
Apple Valley	597,507	497,027	1,094,534	1.2062
Arden Hills	143,720	94,573	238,293	0.2626
Austin	336,383	473,483	809,866	0.8925
Bemidji	175,251	233,934	409,185	0.4509
Blaine	635,167	475,149	1,110,316	1.2236
Bloomington	1,321,672	1,846,333	3,168,005	3.4913
Brainerd	190,910	138,858	329,768	0.3634
Brooklyn Center	440,445	447,017	887,462	0.9780
Brooklyn Park	891,518	514,112	1,405,630	1.5491
Buffalo	117,739	150,167	267,906	0.2952
Burnsville	831,353	563,200	1,394,553	1.5369
Cambridge	79,621	110,745	190,366	0.2098
Champlin	290,154	153,569	443,723	0.4890
Chanhassen	218,279	349,350	567,629	0.6256
Chaska	209,207	288,746	497,953	0.5488
Chisholm	80,658	96,932	177,590	0.1957
Cloquet	168,786	352,034	520,820	0.5740
Columbia Heights	288,324	162,166	450,490	0.4965
Coon Rapids	899,447	456,083	1,355,530	1.4939
Corcoran	83,981	170,331	254,312	0.2803
Cottage Grove	406,719	490,624	897,343	0.9889
Crookston	124,463	346,607	471,070	0.5191
Crystal	362,700	417,116	779,816	0.8594
Detroit Lakes	111,320	109,327	220,647	0.2432
Duluth	1,307,385	1,775,393	3,082,778	3.3974
Eagan	837,939	641,451	1,479,390	1.6303
East Bethel	132,681	196,865	329,546	0.3632
East Grand Forks	136,417	124,078	260,495	0.2871
Eden Prairie	673,758	678,352	1,352,110	1.4901
Edina	714,193	477,909	1,192,102	1.3137
Elk River	195,332	425,150	620,482	0.6838
Fairmont	173,056	485,439	658,495	0.7257
Falcon Heights	82,030	8,471	90,501	0.0997
Faribault	281,951	414,706	696,657	0.7677
Farmington	104,748	195,248	299,996	0.3306
Fergus Falls	192,054	269,321	461,375	0.5085

Municipalities	Population Apportion- ment	Construction Needs Apportion- ment	1996 Total Apportion- ment	Distribution Percentage
Forest Lake	\$97,536	\$72,923	\$170,459	0.1879
Fridley	432,029	216,634	648,663	0.7149
Golden Valley	319,749	373,915	693,664	0.7644
Grand Rapids	124,463	180,261	304,724	0.3358
Ham Lake	149,804	236,782	386,586	0.4260
Hastings	247,004	175,652	422,656	0.4658
Hermantown	110,344	111,587	221,931	0.2446
Hibbing	275,151	627,438	902,589	0.9947
Hopkins	252,127	183,013	435,140	0.4795
Hugo	79,636	214,164	293,800	0.3238
Hutchinson	185,619	160,354	345,973	0.3813
International Falls	126,567	119,578	246,145	0.2713
Inver Grove Heights	384,885	266,562	651,447	0.7179
Lake Elmo	92,581	73,104	165,685	0.1826
Lakeville	507,335	812,617	1,319,952	1.4546
Lino Lakes	187,022	224,256	411,278	0.4532
Litchfield	93,587	125,048	218,635	0.2409
Little Canada	140,655	127,966	268,621	0.2960
Little Falls	115,802	191,526	307,328	0.3387
Mahtomedi	96,865	48,488	145,353	0.1602
Mankato	486,583	658,249	1,144,832	1.2617
Maple Grove	663,893	724,528	1,388,421	1.5301
Maplewood	501,678	305,003	806,681	0.8890
Marshall	189,019	159,706	348,725	0.3843
Mendota Heights	162,169	128,696	290,865	0.3205
Minneapolis	5,616,803	5,606,468	11,223,271	12.3685
Minnetonka	771,035	726,363	1,497,398	1.6502
Montevideo	84,149	108,625	192,774	0.2124
Monticello	84,271	94,827	179,098	0.1974
Moorhead	512,580	529,999	1,042,579	1.1490
Morris	86,101	69,814	155,915	0.1718
Mound	146,891	79,259	226,150	0.2492
Mounds View	191,383	102,951	294,334	0.3244
New Brighton	340,439	179,764	520,203	0.5733
New Hope	333,197	248,554	581,751	0.6411
New Ulm	205,486	206,812	412,298	0.4544
North Branch	78,371	212,333	290,704	0.3204
North Mankato	170,509	191,347	361,856	0.3988
North St. Paul	195,301	98,974	294,275	0.3243
Northfield	234,075	190,116	424,191	0.4675

Municipalities	Population Apportion- ment	Construction Needs Apportion- ment	1996 Total Apportion- ment	Distribution Percentage
Oak Grove	\$91,437	\$194,005	\$285,442	0.3146
Oakdale	349,664	273,036	622,700	0.6862
Orono	113,500	228,172	341,672	0.3765
Otsego	91,742	214,243	305,985	0.3372
Owatonna	309,213	348,980	658,193	0.7254
Plymouth	875,051	605,663	1,480,714	1.6318
Prior Lake	191,489	211,486	402,975	0.4441
Ramsey	227,290	288,257	515,547	0.5682
Red Wing	238,542	418,807	657,349	0.7244
Richfield	544,477	428,319	972,796	1.0721
Robbinsdale	219,498	128,619	348,117	0.3836
Rochester	1,171,975	1,005,188	2,177,163	2.3993
Rosemount	169,030	348,455	517,485	0.5703
Roseville	513,434	368,616	882,050	0.9721
St. Anthony	121,047	84,420	205,467	0.2264
St. Cloud	888,194	649,192	1,537,386	1.6943
St. Louis Park	667,628	444,814	1,112,442	1.2260
St. Paul	4,150,817	4,227,825	8,378,642	9.2336
St. Peter	149,148	174,837	323,985	0.3570
Sartell	98,421	89,623	188,044	0.2072
Sauk Rapids	136,401	132,113	268,514	0.2959
Savage	208,932	370,259	579,191	0.6383
Shakopee	198,839	208,339	407,178	0.4487
Shoreview	395,771	80,983	476,754	0.5254
Shorewood	100,830	137,253	238,083	0.2624
South St. Paul	310,982	157,304	468,286	0.5161
Spring Lake Park	101,058	55,141	156,199	0.1721
Stillwater	234,044	154,922	388,966	0.4287
Thief River Falls	122,633	282,191	404,824	0.4461
Vadnais Heights	182,478	62,005	244,483	0.2694
Virginia	143,796	198,227	342,023	0.3769
Waite Park	90,004	76,558	166,562	0.1836
Waseca	127,848	85,075	212,923	0.2347
West St. Paul	294,759	148,055	442,814	0.4880
White Bear Lake	393,438	259,248	652,686	0.7193
Willmar	282,743	293,881	576,624	0.6355
Winona	393,453	274,755	668,208	0.7364
Woodbury	436,480	802,843	1,239,323	1.3658
Worthington	155,520	139,981	295,501	0.3257
TOTAL	\$45,370,325	\$45,370,325	\$90,740,650	100.0000

CONSTRUCTION AND MAINTENANCE ALLOTMENTS

Upon determining that \$90,740,650 is available to the Municipal State Aid Street Fund the following allotments are made in accordance with the Rules and Regulations for the State Aid Operation. Maintenance allotment without a notation is the minimum amount allocated at \$1500 per improved mile. General maintenance percentage requested was applied to the result of the total apportionment minus turnback maintenance allowance. Bond interest due was added to the city's minimum maintenance allocation unless a resolution was obtained by State Aid to use local funds for the interest. Principal payments due on bonds in 1996 are included in the construction allotments.

MUNICIPALITY	TOTAL APPORTION- MENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION	CONSTRUCTION ALLOCATION
Albert Lea	\$537,861			\$134,465	\$134,465 *	\$403,396
Alexandria	297,835			74,459	74,459 *	223,376
Andover	639,298		\$8,450	191,789	200,239 ***	439,059
Anoka	418,676		1,825	104,669	106,494 ##	312,182
Apple Valley	1,094,534		115,170	38,160	153,330 ###	941,204
Arden Hills	238,293			59,573	59,573 *	178,720
Austin	809,866			39,900	39,900	769,966
Bemidji	409,185			102,296	102,296 *	306,889
Blaine	1,110,316			277,579	277,579 *	832,737
Bloomington	3,168,005			1,108,802	1,108,802 **	2,059,203
Brainerd	329,768			82,442	82,442 *	247,326
Brooklyn Center	887,462		147,873	90,000	237,873 #	649,589
Brooklyn Park	1,405,630	\$21,168		346,116	367,284 *	1,038,346
Buffalo	267,906			10,890	10,890	257,016
Burnsville	1,394,553			348,638	348,638 *	1,045,915
Cambridge	190,366	15,480	36,368	8,632	60,480 #	129,886
Champlin	443,723			110,931	110,931 *	332,792
Chanhassen	567,629			17,460	17,460	550,169
Chaska	497,953			18,225	18,225	479,728
Chisholm	177,590	1,944		43,912	45,856 *	131,734
Cloquet	520,820	12,600	27,623	150,254	190,477 **	330,343
Columbia Heights	450,490			157,672	157,672 **	292,818
Coon Rapids	1,355,530			54,315	54,315	1,301,215
Corcoran	254,312		14,952	74,057	89,009 **	165,303
Cottage Grove	897,343		1,890	39,255	41,145 ###	856,198

MUNICIPALITY	TOTAL APPORTION- MENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION	CONSTRUCTION ALLOCATION
Crookston	\$471,070			\$16,365	\$16,365	\$454,705
Crystal	779,816			194,954	194,954 *	584,862
Detroit Lakes	220,647			14,310	14,310	206,337
Duluth	3,082,778			924,833	924,833 ***	2,157,945
Eagan	1,479,390		\$80,228	59,730	139,958 ###	1,339,432
East Bethel	329,546			31,365	31,365	298,181
East Grand Forks	260,495			65,124	65,124 *	195,371
Eden Prairie	1,352,110		32,995	58,365	91,360 ###	1,260,750
Edina	1,192,102			298,026	298,026 *	894,076
Elk River	620,482		29,253	26,610	55,863 ###	564,619
Fairmont	658,495			27,825	27,825	630,670
Falcon Heights	90,501			31,675	31,675 **	58,826
Faribault	696,657			174,164	174,164 *	522,493
Farmington	299,996			10,000	10,000 #	289,996
Fergus Falls	461,375	\$43,632		104,436	148,068 *	313,307
Forest Lake	170,459			37,500	37,500 #	132,959
Fridley	648,663			194,599	194,599 ***	454,064
Golden Valley	693,664			173,416	173,416 *	520,248
Grand Rapids	304,724			76,181	76,181 *	228,543
Ham Lake	386,586		21,440	32,010	53,450 ###	333,136
Hastings	422,656			147,930	147,930 **	274,726
Hermantown	221,931			40,000	40,000 #	181,931
Hibbing	902,589	2,880		224,927	227,807 *	674,782
Hopkins	435,140			14,010	14,010	421,130
Hugo	293,800			73,450	73,450 *	220,350
Hutchinson	345,973			16,215	16,215	329,758
International Falls	246,145			12,090	12,090	234,055
Inver Grove Heights	651,447			162,862	162,862 *	488,585
Lake Elmo	165,685			14,295	14,295	151,390
Lakeville	1,319,952			55,950	55,950	1,264,002
Lino Lakes	411,278			102,820	102,820 *	308,458
Litchfield	218,635			54,659	54,659 *	163,976
Little Canada	268,621		8,160	67,155	75,315 ##	193,306
Little Falls	307,328			20,430	20,430	286,898
Mahtomedi	145,353			5,925	5,925	139,428

MUNICIPALITY	TOTAL APPORTIONMENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION	CONSTRUCTION ALLOCATION
Mankato	\$1,144,832	\$1,728		\$285,776	\$287,504 *	\$857,328
Maple Grove	1,388,421		\$161,855	185,250	347,105 ####	1,041,316
Maplewood	806,681			201,670	201,670 *	605,011
Marshall	348,725			16,995	16,995	331,730
Mendota Heights	290,865			72,716	72,716 *	218,149
Minneapolis	11,223,271			3,928,145	3,928,145 **	7,295,126
Minnetonka	1,497,398			68,700	68,700	1,428,698
Montevideo	192,774			11,115	11,115	181,659
Monticello	179,098			44,775	44,775 *	134,323
Moorhead	1,042,579			182,350	182,350 #	860,229
Morris	155,915			38,979	38,979 *	116,936
Mound	226,150			56,538	56,538 *	169,612
Mounds View	294,334			73,584	73,584 *	220,750
New Brighton	520,203			130,051	130,051 *	390,152
New Hope	581,751			203,613	203,613 **	378,138
New Ulm	412,298			21,195	21,195	391,103
North Branch	290,704			72,676	72,676 *	218,028
North Mankato	361,856		3,796	27,139	30,935 #	330,921
North St. Paul	294,275			73,569	73,569 *	220,706
Northfield	424,191			106,048	106,048 *	318,143
Oak Grove	285,442			22,695	22,695	262,747
Oakdale	622,700		39,506	155,675	195,181 ##	427,519
Orono	341,672			85,418	85,418 *	256,254
Otsego	305,985			76,496	76,496 *	229,489
Owatonna	658,193			25,860	25,860	632,333
Plymouth	1,480,714			56,640	56,640	1,424,074
Prior Lake	402,975			100,744	100,744 *	302,231
Ramsey	515,547		7,300	80,000	87,300 #	428,247
Red Wing	657,349			230,072	230,072 **	427,277
Richfield	972,796			243,199	243,199 *	729,597
Robbinsdale	348,117			15,435	15,435	332,682
Rochester	2,177,163			544,291	544,291 *	1,632,872
Rosemount	517,485		30,805	27,900	58,705 ###	458,780
Roseville ****	882,050			220,513	220,513 *	661,537
St. Anthony	205,467			51,267	51,267 *	154,200

MUNICIPALITY	TOTAL APPORTION- MENT	TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	AMOUNT OF BOND INTEREST APPLIED TO MAINTENANCE	GENERAL MAINTENANCE ALLOCATION	TOTAL MAINTENANCE ALLOCATION	CONSTRUCTION ALLOCATION
St. Cloud	\$1,537,386	\$8,784	\$70,220	\$464,791	\$543,795 **	\$993,591
St. Louis Park	1,112,442			389,355	389,355 **	723,087
St. Paul	8,378,642			2,094,661	2,094,661 *	6,283,981
St. Peter	323,985			15,885	15,885	308,100
Sartell	188,044			6,390	6,390	181,654
Sauk Rapids	268,514			13,215	13,215	255,299
Savage	579,191		16,375	128,423	144,798 ####	434,393
Shakopee	407,178			101,795	101,795 *	305,383
Shoreview	476,754			16,155	16,155	460,599
Shorewood	238,083			59,521	59,521 *	178,562
South St. Paul	468,286			117,072	117,072 *	351,214
Spring Lake Park	156,199			39,050	39,050 *	117,149
Stillwater	388,966			97,242	97,242 *	291,724
Thief River Falls	404,824			54,651	54,651 #	350,173
Vadnais Heights	244,483			7,755	7,755	236,728
Virginia	342,023			85,506	85,506 *	256,517
Waite Park	166,562	2,016		6,270	8,286	158,276
Waseca	212,923			9,465	9,465	203,458
West St. Paul	442,814			75,000	75,000 #	367,814
White Bear Lake	652,686			163,172	163,172 *	489,514
Willmar	576,624			144,156	144,156 *	432,468
Winona	668,208			167,052	167,052 *	501,156
Woodbury	1,239,323		189,820	37,500	227,320 ###	1,012,003
Worthington	295,501			14,715	14,715	280,786
TOTAL	\$90,740,650	\$110,232	\$1,045,904	\$19,294,683	\$20,450,819	\$70,289,831

* 25% of Allotment requested.

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

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

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

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

Requested 25% + bond interest. Total cannot exceed 35% of total Allotment.

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

Maximum amount of 25% including bond interest.

1995 IMPROVED MILEAGE RECORD

(MILEAGE USED FOR MINIMUM MAINTENANCE ALLOCATION)

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

MUNICIPALITY	IMPROVED MILEAGE	MUNICIPALITY	IMPROVED MILEAGE
Albert Lea	18.65	East Bethel	20.91
Alexandria	12.13	East Grand Forks	10.57
Andover	23.32	Eden Prairie	38.91
Anoka	11.16	Edina	39.21
Apple Valley	25.44	Elk River	17.74
Arden Hills	5.33	Fairmont	18.55
Austin	26.60	Falcon Heights	2.54
Bemidji	14.31	Faribault	20.48
Blaine	21.04	Farmington	5.75
Bloomington	72.64	Fergus Falls*	13.36
Brainerd	14.09	Forest Lake	3.28
Brooklyn Center	21.30	Fridley	25.32
Brooklyn Park*	32.33	Golden Valley	23.01
Buffalo	7.26	Grand Rapids	11.10
Burnsville	42.80	Ham Lake	21.34
Cambridge*	2.61	Hastings	13.89
Champlin	13.23	Hermantown	12.99
Chanhassen	11.64	Hibbing *	48.52
Chaska	12.15	Hopkins	9.34
Chisholm*	7.41	Hugo	12.78
Cloquet*	16.18	Hutchinson	10.81
Columbia Heights	11.65	International Falls	8.06
Coon Rapids	36.21	Inver Grove Heights	18.40
Corcoran	13.60	Lake Elmo	9.53
Cottage Grove	26.17	Lakeville	37.30
Crookston	10.91	Lino Lakes	10.53
Crystal	17.78	Litchfield	7.83
Detroit Lakes	9.54	Little Canada	6.49
Duluth	89.27	Little Falls	13.62
Eagan	39.82	Mahtomedi	3.95

MUNICIPALITY	IMPROVED MILEAGE	MUNICIPALITY	IMPROVED MILEAGE
Mankato *	29.31	Robbinsdale	10.29
Maple Grove	30.12	Rochester	45.96
Maplewood	16.61	Rosemount	18.60
Marshall	11.33	Roseville	21.52
Mendota Heights	11.04	St. Anthony	5.18
Minneapolis	192.63	St. Cloud *	36.79
Minnetonka	45.80	St. Louis Park	26.58
Montevideo	7.41	St. Paul	158.64
Monticello	3.84	St. Peter	10.59
Moorhead	28.16	Sartell	4.26
Morris	6.66	Sauk Rapids	8.81
Mound	7.55	Savage	8.53
Mounds View	8.16	Shakopee	14.22
New Brighton	11.03	Shoreview	10.77
New Hope	12.66	Shorewood	9.29
New Ulm	14.13	South St. Paul	13.58
North Branch	14.62	Spring Lake Park	5.24
North Mankato	11.86	Stillwater	12.57
North St. Paul	8.40	Thief River Falls	13.03
Northfield	10.57	Vadnais Heights	5.17
Oak Grove	15.13	Virginia	12.05
Oakdale	16.07	Waite Park *	4.18
Orono	12.07	Waseca	6.31
Otsego	10.12	West St. Paul	12.12
Owatonna	17.24	White Bear Lake	17.84
Plymouth	37.76	Willmar	23.30
Prior Lake	8.58	Winona	18.69
Ramsey	17.13	Woodbury	25.00
Red Wing	20.01	Worthington	9.81
Richfield	25.85		
		TOTAL	2393.45

COMPARISON OF THE 1995 TO 1996 POPULATION APPORTIONMENT

Municipality	1995 Population Apportionment	1996 Population Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	\$263,837	\$279,603	\$15,766	5.9757
Alexandria	115,693	125,805	10,112	8.7404
Andover	219,254	296,786	77,532	35.3617
Anoka	247,727	266,963	19,236	7.7650
Apple Valley	498,538	597,507	98,969	19.8518
Arden Hills	132,552	143,720	11,168	8.4254
Austin	315,999	336,383	20,384	6.4507
Bemidji	160,896	175,251	14,355	8.9219
Blaine	561,608	635,167	73,559	13.0979
Bloomington	1,244,039	1,321,672	77,633	6.2404
Brainerd	178,000	190,910	12,910	7.2528
Brooklyn Center	416,245	440,445	24,200	5.8139
Brooklyn Park	812,418	891,518	79,100	9.7364
Buffalo	105,218	117,739	12,521	11.9001
Burnsville	739,031	831,353	92,322	12.4923
Cambridge	73,488	79,621	6,133	8.3456
Champlin	242,785	290,154	47,369	19.5107
Chanhassen	169,109	218,279	49,170	29.0759
Chaska	163,389	209,207	45,818	28.0423
Chisholm	76,226	80,658	4,432	5.8143
Cloquet	156,847	168,786	11,939	7.6119
Columbia Heights	272,482	288,324	15,842	5.8140
Coon Rapids	763,383	899,447	136,064	17.8238
Corcoran	74,915	83,981	9,066	12.1017
Cottage Grove	330,480	406,719	76,239	23.0692
Crookston	116,990	124,463	7,473	6.3877
Crystal	342,772	362,700	19,928	5.8138
Detroit Lakes	102,898	111,320	8,422	8.1848
Duluth	1,231,906	1,307,385	75,479	6.1270
Eagan	683,137	837,939	154,802	22.6605
East Bethel	115,996	132,681	16,685	14.3841
East Grand Forks	124,757	136,417	11,660	9.3462
Eden Prairie	566,449	673,758	107,309	18.9442
Edina	663,915	714,193	50,278	7.5730
Elk River	160,564	195,332	34,768	21.6537
Fairmont	162,322	173,056	10,734	6.6128
Falcon Heights	77,523	82,030	4,507	5.8138
Faribault	246,257	281,951	35,694	14.4946
Farmington	85,592	104,748	19,156	22.3806
Fergus Falls	179,945	192,054	12,109	6.7293

Municipality	1995 Population Apportionment	1996 Population Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Forest Lake	\$86,572	\$97,536	\$10,964	12.6646
Fridley	408,291	432,029	23,738	5.8140
Golden Valley	302,180	319,749	17,569	5.8141
Grand Rapids	114,930	124,463	9,533	8.2946
Ham Lake	128,590	149,804	21,214	16.4974
Hastings	223,029	247,004	23,975	10.7497
Hermantown	97,422	110,344	12,922	13.2639
Hibbing	260,033	275,151	15,118	5.8139
Hopkins	238,174	252,127	13,953	5.8583
Hugo	75,260	79,636	4,376	5.8145
Hutchinson	165,118	185,619	20,501	12.4160
International Falls	119,613	126,567	6,954	5.8137
Inver Grove Heights	323,881	384,885	61,004	18.8353
Lake Elmo	84,641	92,581	7,940	9.3808
Lakeville	479,460	507,335	27,875	5.8138
Lino Lakes	126,904	187,022	60,118	47.3728
Litchfield	87,753	93,587	5,834	6.6482
Little Canada	129,267	140,655	11,388	8.8097
Little Falls	106,212	115,802	9,590	9.0291
Mahtomedi	81,168	96,865	15,697	19.3389
Mankato	452,528	486,583	34,055	7.5255
Maple Grove	558,164	663,893	105,729	18.9423
Maplewood	446,030	501,678	55,648	12.4763
Marshall	173,245	189,019	15,774	9.1050
Mendota Heights	135,276	162,169	26,893	19.8801
Minneapolis	5,308,191	5,616,803	308,612	5.8139
Minnetonka	696,984	771,035	74,051	10.6245
Montevideo	79,237	84,149	4,912	6.1991
Monticello	72,696	84,271	11,575	15.9225
Moorhead	465,353	512,580	47,227	10.1486
Morris	80,880	86,101	5,221	6.4552
Mound	138,820	146,891	8,071	5.8140
Mounds View	180,709	191,383	10,674	5.9067
New Brighton	319,990	340,439	20,449	6.3905
New Hope	314,889	333,197	18,308	5.8141
New Ulm	189,225	205,486	16,261	8.5935
North Branch	-	78,371	78,371	100.0000
North Mankato	153,633	170,509	16,876	10.9846
North St. Paul	178,331	195,301	16,970	9.5160
Northfield	211,588	234,075	22,487	10.6277

Municipality	1995 Population Apportionment	1996 Population Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Oak Grove	\$79,079	\$91,437	\$12,358	15.6274
Oakdale	265,177	349,664	84,487	31.8606
Orono	104,973	113,500	8,527	8.1230
Otsego	75,203	91,742	16,539	21.9925
Owatonna	279,341	309,213	29,872	10.6937
Plymouth	733,282	875,051	141,769	19.3335
Prior Lake	165,449	191,489	26,040	15.7390
Ramsey	178,792	227,290	48,498	27.1254
Red Wing	218,072	238,542	20,470	9.3868
Richfield	514,561	544,477	29,916	5.8139
Robbinsdale	207,438	219,498	12,060	5.8138
Rochester	1,022,796	1,171,975	149,179	14.5854
Rosemount	124,238	169,030	44,792	36.0534
Roseville	482,500	513,434	30,934	6.4112
St. Anthony	111,342	121,047	9,705	8.7164
St. Cloud	703,814	888,194	184,380	26.1973
St. Louis Park	630,946	667,628	36,682	5.8138
St. Paul	3,922,752	4,150,817	228,065	5.8139
St. Peter	136,616	149,148	12,532	9.1732
Sartell	77,955	98,421	20,466	26.2536
Sauk Rapids	112,725	136,401	23,676	21.0033
Savage	142,740	208,932	66,192	46.3724
Shakopee	169,152	198,839	29,687	17.5505
Shoreview	354,285	395,771	41,486	11.7098
Shorewood	85,203	100,830	15,627	18.3409
South St. Paul	291,027	310,982	19,955	6.8568
Spring Lake Park	94,122	101,058	6,936	7.3692
Stillwater	200,032	234,044	34,012	17.0033
Thief River Falls	115,420	122,633	7,213	6.2494
Vadnais Heights	159,095	182,478	23,383	14.6975
Virginia	135,895	143,796	7,901	5.8140
Waite Park	72,422	90,004	17,582	24.2772
Waseca	120,823	127,848	7,025	5.8143
West St. Paul	277,353	294,759	17,406	6.2758
White Bear Lake	354,789	393,438	38,649	10.8935
Willmar	252,612	282,743	30,131	11.9278
Winona	366,504	393,453	26,949	7.3530
Woodbury	387,614	436,480	48,866	12.6069
Worthington	143,762	155,520	11,758	8.1788
TOTAL	\$40,859,350	\$45,370,325	\$4,510,975	11.0403

COMPARISON OF 1995 TO 1996 CONSTRUCTION NEEDS APPORTIONMENT

Municipality	1995 Construction Needs Apportionment	1996 Construction Needs Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	\$253,594	\$258,258	\$4,664	1.8392
Alexandria	173,501	172,030	(1,471)	(0.8478)
Andover	359,362	342,512	(16,850)	(4.6889)
Anoka	156,917	151,713	(5,204)	(3.3164)
Apple Valley	359,605	497,027	137,422	38.2147
Arden Hills	71,481	94,573	23,092	32.3051
Austin	402,619	473,483	70,864	17.6008
Bemidji	204,405	233,934	29,529	14.4463
Blaine	450,462	475,149	24,687	5.4804
Bloomington	1,670,663	1,846,333	175,670	10.5150
Brainerd	135,508	138,858	3,350	2.4722
Brooklyn Center	427,872	447,017	19,145	4.4745
Brooklyn Park	456,304	514,112	57,808	12.6687
Buffalo	145,594	150,167	4,573	3.1409
Burnsville	530,827	563,200	32,373	6.0986
Cambridge	111,088	110,745	(343)	(0.3088)
Champlin	131,877	153,569	21,692	16.4487
Chanhassen	260,401	349,350	88,949	34.1585
Chaska	225,291	288,746	63,455	28.1658
Chisholm	98,269	96,932	(1,337)	(1.3606)
Cloquet	323,421	352,034	28,613	8.8470
Columbia Heights	143,496	162,166	18,670	13.0108
Coon Rapids	444,334	456,083	11,749	2.6442
Corcoran	151,194	170,331	19,137	12.6572
Cottage Grove	454,299	490,624	36,325	7.9958
Crookston	300,057	346,607	46,550	15.5137
Crystal	401,874	417,116	15,242	3.7927
Detroit Lakes	99,731	109,327	9,596	9.6219
Duluth	1,630,347	1,775,393	145,046	8.8966
Eagan	607,572	641,451	33,879	5.5761
East Bethel	186,391	196,865	10,474	5.6194
East Grand Forks	97,376	124,078	26,702	27.4215
Eden Prairie	565,027	678,352	113,325	20.0566
Edina	439,857	477,909	38,052	8.6510
Elk River	372,400	425,150	52,750	14.1649
Fairmont	486,701	485,439	(1,262)	(0.2593)
Falcon Heights	9,582	8,471	(1,111)	(11.5947)
Faribault	330,385	414,706	84,321	25.5220
Farmington	180,557	195,248	14,691	8.1365
Fergus Falls	222,486	269,321	46,835	21.0508

Municipality	1995 Construction Needs Apportionment	1996 Construction Needs Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Forest Lake	\$62,313	\$72,923	\$10,610	17.0269
Fridley	216,218	216,634	416	0.1924
Golden Valley	326,288	373,915	47,627	14.5966
Grand Rapids	137,289	180,261	42,972	31.3004
Ham Lake	92,897	236,782	143,885	154.8866
Hastings	151,129	175,652	24,523	16.2265
Hermantown	119,660	111,587	(8,073)	(6.7466)
Hibbing	599,516	627,438	27,922	4.6574
Hopkins	180,927	183,013	2,086	1.1530
Hugo	208,623	214,164	5,541	2.6560
Hutchinson	158,893	160,354	1,461	0.9195
International Falls	113,954	119,578	5,624	4.9353
Inver Grove Heights	254,791	266,562	11,771	4.6199
Lake Elmo	73,048	73,104	56	0.0767
Lakeville	629,281	812,617	183,336	29.1342
Lino Lakes	184,874	224,256	39,382	21.3021
Litchfield	122,069	125,048	2,979	2.4404
Little Canada	100,420	127,966	27,546	27.4308
Little Falls	181,786	191,526	9,740	5.3579
Mahtomedi	43,210	48,488	5,278	12.2148
Mankato	498,912	658,249	159,337	31.9369
Maple Grove	662,653	724,528	61,875	9.3375
Maplewood	302,488	305,003	2,515	0.8314
Marshall	154,127	159,706	5,579	3.6197
Mendota Heights	126,324	128,696	2,372	1.8777
Minneapolis	5,080,426	5,606,468	526,042	10.3543
Minnetonka	680,053	726,363	46,310	6.8098
Montevideo	98,062	108,625	10,563	10.7718
Monticello	91,996	94,827	2,831	3.0773
Moorhead	508,996	529,999	21,003	4.1264
Morris	67,408	69,814	2,406	3.5693
Mound	70,553	79,259	8,706	12.3397
Mounds View	57,030	102,951	45,921	80.5208
New Brighton	138,686	179,764	41,078	29.6194
New Hope	221,088	248,554	27,466	12.4231
New Ulm	197,426	206,812	9,386	4.7542
North Branch	--	212,333	212,333	100.0000
North Mankato	173,288	191,347	18,059	10.4214
North St. Paul	81,423	98,974	17,551	21.5553
Northfield	176,665	190,116	13,451	7.6138

Municipality	1995	1996	Increase (Decrease) Amount	% Increase (Decrease)
	Construction Needs Apportionment	Construction Needs Apportionment		
Oak Grove	\$182,516	\$194,005	\$11,489	6.2948
Oakdale	230,617	273,036	42,419	18.3937
Orono	230,931	228,172	(2,759)	(1.1947)
Otsego	200,814	214,243	13,429	6.6873
Owatonna	284,048	348,980	64,932	22.8595
Plymouth	542,895	605,663	62,768	11.5617
Prior Lake	185,344	211,486	26,142	14.1046
Ramsey	275,772	288,257	12,485	4.5273
Red Wing	381,169	418,807	37,638	9.8744
Richfield	398,947	428,319	29,372	7.3624
Robbinsdale	120,558	128,619	8,061	6.6864
Rochester	917,791	1,005,188	87,397	9.5225
Rosemount	268,006	348,455	80,449	30.0176
Roseville	314,280	368,616	54,336	17.2890
St. Anthony	82,916	84,420	1,504	1.8139
St. Cloud	591,030	649,192	58,162	9.8408
St. Louis Park	321,440	444,814	123,374	38.3817
St. Paul	4,096,333	4,227,825	131,492	3.2100
St. Peter	165,573	174,837	9,264	5.5951
Sartell	76,473	89,623	13,150	17.1956
Sauk Rapids	102,445	132,113	29,668	28.9599
Savage	332,754	370,259	37,505	11.2711
Shakopee	206,361	208,339	1,978	0.9585
Shoreview	106,825	80,983	(25,842)	(24.1910)
Shorewood	133,340	137,253	3,913	2.9346
South St. Paul	161,434	157,304	(4,130)	(2.5583)
Spring Lake Park	43,118	55,141	12,023	27.8839
Stillwater	136,171	154,922	18,751	13.7702
Thief River Falls	214,236	282,191	67,955	31.7197
Vadnais Heights	58,411	62,005	3,594	6.1530
Virginia	174,536	198,227	23,691	13.5737
Waite Park	79,063	76,558	(2,505)	(3.1684)
Waseca	67,721	85,075	17,354	25.6257
West St. Paul	130,812	148,055	17,243	13.1815
White Bear Lake	246,360	259,248	12,888	5.2314
Willmar	265,946	293,881	27,935	10.5040
Winona	282,100	274,755	(7,345)	(2.6037)
Woodbury	704,892	802,843	97,951	13.8959
Worthington	127,855	139,981	12,126	9.4842
TOTAL	\$40,859,350	\$45,370,325	\$4,510,975	11.0403

COMPARISON OF THE 1995 TO 1996 TOTAL APPORTIONMENT

Municipality	1995 Total Apportionment	1996 Total Apportionment	Increase (Decrease) Amount	% Increase Decrease
Albert Lea	\$517,431	\$537,861	\$20,430	3.9484
Alexandria	289,194	297,835	8,641	2.9880
Andover	578,616	639,298	60,682	10.4874
Anoka	404,644	418,676	14,032	3.4677
Apple Valley	858,143	1,094,534	236,391	27.5468
Arden Hills	204,033	238,293	34,260	16.7914
Austin	718,618	809,866	91,248	12.6977
Bemidji	365,301	409,185	43,884	12.0131
Blaine	1,012,070	1,110,316	98,246	9.7074
Bloomington	2,914,702	3,168,005	253,303	8.6905
Brainerd	313,508	329,768	16,260	5.1865
Brooklyn Center	844,117	887,462	43,345	5.1350
Brooklyn Park	1,268,722	1,405,630	136,908	10.7910
Buffalo	250,812	267,906	17,094	6.8155
Burnsville	1,269,858	1,394,553	124,695	9.8196
Cambridge	184,576	190,366	5,790	3.1369
Champlin	374,662	443,723	69,061	18.4329
Chanhassen	429,510	567,629	138,119	32.1573
Chaska	388,680	497,953	109,273	28.1139
Chisholm	174,495	177,590	3,095	1.7737
Cloquet	480,268	520,820	40,552	8.4436
Columbia Heights	415,978	450,490	34,512	8.2966
Coon Rapids	1,207,717	1,355,530	147,813	12.2390
Corcoran	226,109	254,312	28,203	12.4732
Cottage Grove	784,779	897,343	112,564	14.3434
Crookston	417,047	471,070	54,023	12.9537
Crystal	744,646	779,816	35,170	4.7230
Detroit Lakes	202,629	220,647	18,018	8.8921
Duluth	2,862,253	3,082,778	220,525	7.7046
Eagan	1,290,709	1,479,390	188,681	14.6184
East Bethel	302,387	329,546	27,159	8.9815
East Grand Forks	222,133	260,495	38,362	17.2698
Eden Prairie	1,131,476	1,352,110	220,634	19.4997
Edina	1,103,772	1,192,102	88,330	8.0026
Elk River	532,964	620,482	87,518	16.4210
Fairmont	649,023	658,495	9,472	1.4594
Falcon Heights	87,105	90,501	3,396	3.8987
Faribault	576,642	696,657	120,015	20.8127
Farmington	266,149	299,996	33,847	12.7173
Fergus Falls	402,431	461,375	58,944	14.6470

Municipality	1995 Total Apportionment	1996 Total Apportionment	Increase (Decrease) Amount	% Increase Decrease
Forest Lake	\$148,885	\$170,459	\$21,574	14.4904
Fridley	624,509	648,663	24,154	3.8677
Golden Valley	628,468	693,664	65,196	10.3738
Grand Rapids	252,219	304,724	52,505	20.8172
Ham Lake	221,487	386,586	165,099	74.5412
Hastings	374,158	422,656	48,498	12.9619
Hermantown	217,082	221,931	4,849	2.2337
Hibbing	859,549	902,589	43,040	5.0073
Hopkins	419,101	435,140	16,039	3.8270
Hugo	283,883	293,800	9,917	3.4933
Hutchinson	324,011	345,973	21,962	6.7782
International Falls	233,567	246,145	12,578	5.3852
Inver Grove Heights	578,672	651,447	72,775	12.5762
Lake Elmo	157,689	165,685	7,996	5.0707
Lakeville	1,108,741	1,319,952	211,211	19.0496
Lino Lakes	311,778	411,278	99,500	31.9137
Litchfield	209,822	218,635	8,813	4.2002
Little Canada	229,687	268,621	38,934	16.9509
Little Falls	287,998	307,328	19,330	6.7119
Mahtomedi	124,378	145,353	20,975	16.8639
Mankato	951,440	1,144,832	193,392	20.3262
Maple Grove	1,220,817	1,388,421	167,604	13.7288
Maplewood	748,518	806,681	58,163	7.7704
Marshall	327,372	348,725	21,353	6.5225
Mendota Heights	261,600	290,865	29,265	11.1869
Minneapolis	10,388,617	11,223,271	834,654	8.0343
Minnetonka	1,377,037	1,497,398	120,361	8.7406
Montevideo	177,299	192,774	15,475	8.7282
Monticello	164,692	179,098	14,406	8.7472
Moorhead	974,349	1,042,579	68,230	7.0026
Morris	148,288	155,915	7,627	5.1434
Mound	209,373	226,150	16,777	8.0130
Mounds View	237,739	294,334	56,595	23.8055
New Brighton	458,676	520,203	61,527	13.4140
New Hope	535,977	581,751	45,774	8.5403
New Ulm	386,651	412,298	25,647	6.6331
North Branch	0	290,704	290,704	100.0000
North Mankato	326,921	361,856	34,935	10.6861
North St. Paul	259,754	294,275	34,521	13.2899
Northfield	388,253	424,191	35,938	9.2563

Municipality	1995 Total Apportionment	1996 Total Apportionment	Increase (Decrease) Amount	% Increase Decrease
Oak Grove	\$261,595	\$285,442	\$23,847	9.1160
Oakdale	495,794	622,700	126,906	25.5965
Orono	335,904	341,672	5,768	1.7172
Otsego	276,017	305,985	29,968	10.8573
Owatonna	563,389	658,193	94,804	16.8274
Plymouth	1,276,177	1,480,714	204,537	16.0273
Prior Lake	350,793	402,975	52,182	14.8754
Ramsey	454,564	515,547	60,983	13.4157
Red Wing	599,241	657,349	58,108	9.6969
Richfield	913,508	972,796	59,288	6.4901
Robbinsdale	327,996	348,117	20,121	6.1345
Rochester	1,940,587	2,177,163	236,576	12.1910
Rosemount	392,244	517,485	125,241	31.9294
Roseville	796,780	882,050	85,270	10.7018
St. Anthony	194,258	205,467	11,209	5.7702
St. Cloud	1,294,844	1,537,386	242,542	18.7314
St. Louis Park	952,386	1,112,442	160,056	16.8058
St. Paul	8,019,085	8,378,642	359,557	4.4838
St. Peter	302,189	323,985	21,796	7.2127
Sartell	154,428	188,044	33,616	21.7681
Sauk Rapids	215,170	268,514	53,344	24.7916
Savage	475,494	579,191	103,697	21.8083
Shakopee	375,513	407,178	31,665	8.4325
Shoreview	461,110	476,754	15,644	3.3927
Shorewood	218,543	238,083	19,540	8.9410
South St. Paul	452,461	468,286	15,825	3.4975
Spring Lake Park	137,240	156,199	18,959	13.8145
Stillwater	336,203	388,966	52,763	15.6938
Thief River Falls	329,656	404,824	75,168	22.8020
Vadnais Heights	217,506	244,483	26,977	12.4029
Virginia	310,431	342,023	31,592	10.1768
Waite Park	151,485	166,562	15,077	9.9528
Waseca	188,544	212,923	24,379	12.9301
West St. Paul	408,165	442,814	34,649	8.4890
White Bear Lake	601,149	652,686	51,537	8.5731
Willmar	518,558	576,624	58,066	11.1976
Winona	648,604	668,208	19,604	3.0225
Woodbury	1,092,506	1,239,323	146,817	13.4386
Worthington	271,617	295,501	23,884	8.7933
TOTAL	\$81,718,700	\$90,740,650	\$9,021,950	11.0403

Apportionment Comparison Per Need Mile

Municipality	1995 Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Apportionment Per Need Mile	General Maintenance Apport. Per Improved Mile
Albert Lea	18.65	\$14,992	\$13,848	\$28,840	\$21,630	\$7,210
Alexandria	12.39	10,154	13,885	24,039	18,029	6,138
Andover	30.83	9,627	11,110	20,737	14,241	8,224
Anoka	11.98	22,284	12,664	34,948	26,059	9,379
Apple Valley	31.23	19,132	15,915	35,047	30,138	1,500
Arden Hills	6.33	22,705	14,940	37,645	28,234	11,177
Austin	26.73	12,584	17,714	30,298	28,805	1,500
Bemidji	14.31	12,247	16,348	28,595	21,446	7,149
Blaine	32.78	19,377	14,495	33,872	25,404	13,193
Bloomington	73.73	17,926	25,042	42,968	27,929	15,264
Brainerd	14.25	13,397	9,744	23,141	17,356	5,851
Brooklyn Center	21.30	20,678	20,987	41,665	30,497	4,225
Brooklyn Park	45.33	19,667	11,342	31,009	22,906	10,706
Buffalo	7.58	15,533	19,811	35,344	33,907	1,500
Burnsville	43.67	19,037	12,897	31,934	23,950	8,146
Cambridge	5.28	15,080	20,974	36,054	24,600	3,307
Champlin	15.22	19,064	10,090	29,154	21,865	8,385
Chanhassen	20.10	10,860	17,381	28,241	27,372	1,500
Chaska	13.85	15,105	20,848	35,953	34,637	1,500
Chisholm	7.68	10,502	12,621	23,123	17,153	5,926
Cloquet	18.05	9,351	19,503	28,854	18,302	9,286
Columbia Heights	11.65	24,749	13,920	38,669	25,135	13,534
Coon Rapids	39.03	23,045	11,685	34,730	33,339	1,500
Corcoran	13.60	6,175	12,524	18,699	12,155	5,445
Cottage Grove	29.41	13,829	16,682	30,511	29,112	1,500
Crookston	10.91	11,408	31,770	43,178	41,678	1,500
Crystal	17.88	20,285	23,329	43,614	32,710	10,965
Detroit Lakes	9.54	11,669	11,460	23,129	21,629	1,500
Duluth	90.34	14,472	19,652	34,124	23,887	10,360
Eagan	44.31	18,911	14,476	33,387	30,229	1,500

Municipality	1995 Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Apportionment Per Need Mile	General Maintenance Apport. Per Improved Mile
East Bethel	23.66	\$5,608	\$20,199	\$25,807	\$12,603	\$1,500
East Grand Forks	10.82	12,608	11,467	24,075	18,056	6,161
Eden Prairie	42.40	15,891	15,999	31,890	29,735	1,500
Edina	39.36	18,145	12,142	30,287	22,715	7,601
Elk River	24.01	8,135	17,707	25,842	23,516	1,500
Fairmont	19.38	8,930	25,048	33,978	32,542	1,500
Falcon Heights	2.54	32,295	3,335	35,630	23,160	12,470
Faribault	21.46	13,138	19,325	32,463	24,347	8,504
Farmington	8.72	12,012	22,391	34,403	33,256	1,739
Fergus Falls	19.71	9,744	13,664	23,408	15,896	7,817
Forest Lake	3.69	26,433	19,762	46,195	36,032	11,433
Fridley	25.34	17,049	8,549	25,598	17,919	7,686
Golden Valley	23.55	13,577	15,877	29,454	22,091	7,537
Grand Rapids	11.36	10,956	15,868	26,824	20,118	6,863
Ham Lake	22.85	6,556	10,362	16,918	14,579	1,500
Hastings	14.45	17,094	12,156	29,250	19,012	10,650
Hermantown	12.99	8,495	8,590	17,085	14,005	3,079
Hibbing	50.74	5,423	12,366	17,789	13,299	4,636
Hopkins	9.41	26,794	19,449	46,243	44,753	1,500
Hugo	15.21	5,236	14,080	19,316	14,487	5,747
Hutchinson	11.16	16,633	14,369	31,002	29,548	1,500
International Falls	8.06	15,703	14,836	30,539	29,039	1,500
Inver Grove Heights	19.95	19,292	13,362	32,654	24,490	8,851
Lake Elmo	9.53	9,715	7,671	17,386	15,886	1,500
Lakeville	40.62	12,490	20,005	32,495	31,118	1,500
Lino Lakes	17.24	10,848	13,008	23,856	17,892	9,764
Litchfield	7.83	11,952	15,970	27,922	20,942	6,981
Little Canada	6.49	21,673	19,717	41,390	29,785	10,347
Little Falls	13.77	8,410	13,909	22,319	20,835	1,500
Mahtomedi	4.55	21,289	10,657	31,946	30,644	1,500

Municipality	1995 Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Apportionment Per Need Mile	General Maintenance Apport. Per Improved Mile
Mankato	31.68	\$15,359	\$20,778	\$36,137	\$27,062	\$9,750
Maple Grove	39.60	16,765	18,296	35,061	26,296	6,150
Maplewood	19.18	26,156	15,902	42,058	31,544	12,141
Marshall	12.39	15,256	12,890	28,146	26,774	1,500
Mendota Heights	11.68	13,884	11,018	24,902	18,677	6,587
Minneapolis	193.94	28,962	28,908	57,870	37,615	20,392
Minnetonka	49.68	15,520	14,621	30,141	28,758	1,500
Montevideo	7.89	10,665	13,767	24,432	23,024	1,500
Monticello	5.99	14,069	15,831	29,900	22,425	11,660
Moorhead	28.67	17,879	18,486	36,365	30,004	6,475
Morris	6.66	12,928	10,483	23,411	17,558	5,853
Mound	8.05	18,247	9,846	28,093	21,070	7,488
Mounds View	8.44	22,676	12,198	34,874	26,155	9,018
New Brighton	13.42	25,368	13,395	38,763	29,072	11,791
New Hope	12.72	26,195	19,540	45,735	29,728	16,083
New Ulm	14.13	14,543	14,636	29,179	27,679	1,500
North Branch	15.64	5,011	13,576	18,587	13,940	4,971
North Mankato	11.86	14,377	16,134	30,511	27,902	2,288
North St. Paul	9.08	21,509	10,900	32,409	24,307	8,758
Northfield	11.25	20,807	16,899	37,706	28,279	10,033
Oak Grove	18.47	4,951	10,504	15,455	14,226	1,500
Oakdale	16.72	20,913	16,330	37,243	27,932	7,229
Orono	12.07	9,403	18,904	28,307	21,231	7,077
Otsego	13.08	7,014	16,379	23,393	17,545	7,559
Owatonna	17.51	17,659	19,930	37,589	36,113	1,500
Plymouth	46.56	18,794	13,008	31,802	30,586	1,500
Prior Lake	13.08	14,640	16,169	30,809	23,106	11,742
Ramsey	29.01	7,835	9,936	17,771	14,762	4,670
Red Wing	22.07	10,808	18,976	29,784	19,360	11,498
Richfield	26.21	20,774	16,342	37,116	27,837	9,408

Municipality	1995 Total Needs Mileage	Population Apportionment Per Need Mile	Construction Needs Apportionment Per Need Mile	Total Apportionment Per Need Mile	Average Construction Apportionment Per Need Mile	General Maintenance Apport. Per Improved Mile
Robbinsdale	10.33	\$21,249	\$12,451	\$33,700	\$32,205	\$1,500
Rochester	49.16	23,840	20,447	44,287	33,215	11,843
Rosemount	21.34	7,921	16,329	24,250	21,499	1,500
Roseville	23.45	21,895	15,719	37,614	28,211	10,247
St. Anthony	5.18	23,368	16,297	39,665	29,749	9,916
St. Cloud	39.02	22,763	16,637	39,400	25,464	12,634
St. Louis Park	28.72	23,246	15,488	38,734	25,177	14,648
St. Paul	159.69	25,993	26,475	52,468	39,351	13,204
St. Peter	10.59	14,084	16,510	30,594	29,093	1,500
Sartell	5.05	19,489	17,747	37,236	35,971	1,500
Sauk Rapids	9.03	15,105	14,630	29,735	28,272	1,500
Savage	14.69	14,223	25,205	39,428	29,571	15,055
Shakopee	16.17	12,297	12,884	25,181	18,886	7,159
Shoreview	13.69	28,909	5,915	34,824	33,645	1,500
Shorewood	9.29	10,854	14,774	25,628	19,221	6,407
South St. Paul	14.33	21,701	10,977	32,678	24,509	8,621
Spring Lake Park	5.24	19,286	10,523	29,809	22,357	7,452
Stillwater	12.80	18,285	12,103	30,388	22,791	7,736
Thief River Falls	13.56	9,044	20,811	29,855	25,824	4,194
Vadnais Heights	6.77	26,954	9,159	36,113	34,967	1,500
Virginia	12.33	11,662	16,077	27,739	20,804	7,096
Waite Park	4.46	20,180	17,165	37,345	35,488	1,500
Waseca	6.31	20,261	13,483	33,744	32,244	1,500
West St. Paul	12.12	24,320	12,216	36,536	30,348	6,188
White Bear Lake	18.34	21,452	14,136	35,588	26,691	9,146
Willmar	23.30	12,135	12,613	24,748	18,561	6,187
Winona	19.62	20,054	14,004	34,058	25,543	8,938
Woodbury	34.80	12,543	23,070	35,613	29,081	1,500
Worthington	9.81	15,853	14,269	30,122	28,622	1,500
State total & Avg.	2,614.71	\$16,167	\$15,481	\$31,648	\$25,416	\$6,278

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

Appt. Year	Number of Municipalities	Needs Mileage	Actual 25 Year Construction Needs	Total Apportionment	Adjusted 25 Year Construction Needs	Total Apportionment Per Needs Mileage	Apportionment Per \$1000 of Adjusted Needs
1958	58	920.40	\$190,373,337	\$7,286,074	190,373,337	\$7,916.20	\$19.1363
1959	59	938.36	195,749,800	8,108,428	195,749,800	8,641.06	20.7112
1960	59	968.82	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	2614.71	1,652,360,408	90,740,650	1,638,227,013	34,703.91	27.6275

**ADJUSTMENTS
TO THE
25 YEAR
CONSTRUCTION
NEEDS**

SCREENING BOARD ADJUSTMENTS

SORT ROUTINE CORRECTION

Because of the differences in the way two of our computer programs do their sort routines, the Construction Needs for Oak Grove and Oakdale were switched around in the 1994 Construction Needs computations for the 1995 apportionment.

These needs are included in the Screening Board Adjustment column of the 'Determination of the 1995 Adjusted Construction Needs' spreadsheet.

Municipality	Construction Needs in 1995 Apportionment Book	Actual Construction Needs	Difference	Construction Needs Apportionment in 1995 Book	Actual Adj. Construction Needs Apportionment	Difference
Oakdale	\$7,454,327	\$7,141,463	(\$312,864)	\$230,617	\$222,338	(\$8,279)
Oak Grove	7,141,463	7,454,327	312,864	182,516	190,795	8,279
TOTAL			\$0			\$0

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 Screening Board Adjustment column of the 'Determination of the 1995 Adjusted Construction Needs' spreadsheet.

Municipality	Railroad Needs not Received in 1994	Municipality	Railroad Needs not Received in 1994
Albert Lea	\$84,960	Mound	93,574
Andover	35,400	New Brighton	444,683
Bemidji	35,400	New Ulm	373,824
Bloomington	93,456	Northfield	93,456
Buffalo	885	Owatonna	128,856
Cloquet	128,856	Plymouth	186,912
Columbia Heights	233,699	Red wing	59
Crystal	64,428	Richfield	93,456
Duluth	71,272	Robbinsdale	64,428
Eagan	(885)	Rochester	93,515
East Grand Forks	70,859	Rosemount	164,256
Faribault	502,680	Roseville	373,824
Fergus Falls	128,974	St. Cloud	106,200
Fridley	128,856	St. Louis Park	44,840
Golden Valley	467,280	St. Paul	59
Grand Rapids	280,368	Stillwater	35,400
Lakeville	443,916	Thief River Falls	(64,457)
Maple Grove	186,912	Virginia	59
Maplewood	35,400	Waseca	35,518
Mendota Heights	35,400	White Bear Lake	35,400
Moorhead	35,400	Willmar	70,800
		TOTAL	\$5,438,178

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 Construction Needs Apportionment on page 49-51.

In 1995, the total amount available was reduced by \$75,712,303. This total includes the difference between the 1994 and 1995 amount available of \$12,717,822 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	1.7590	4.0588
Alexandria	352,466	271,824	(80,642)	0.3036	1.2533
Andover	139,427	492,208	352,781	0.5497	1.2516
Anoka	126,020	584,430	458,410	0.6527	1.9725
Apple Valley	0	0	0	0.0000	0.0000
Arden Hills	348,759	501,784	153,025	0.5604	3.2791
Austin	1,609,819	1,578,113	(31,706)	1.7624	2.3053
Bemidji	868,191	647,780	(220,411)	0.7234	2.3644
Blaine	1,723,234	2,253,001	529,767	2.5160	2.9682
Bloomington	2,275,641	4,385,186	2,109,545	4.8972	2.3146
Brainerd	897,710	1,132,841	235,131	1.2651	4.8179
Brooklyn Center	1,620,130	1,835,225	215,095	2.0495	3.0700
Brooklyn Park	1,833,269	2,554,577	721,308	2.8528	2.7271
Buffalo	202,063	362,686	160,623	0.4050	1.9281
Burnsville	1,448,298	1,264,162	(184,136)	1.4118	1.3274
Cambridge	110,006	0	(110,006)	0.0000	0.0000
Champlin	1,012,203	240,073	(772,130)	0.2681	0.6764
Chanhassen	669,038	649,995	(19,043)	0.7259	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	1.8400	5.2812
Coon Rapids	1,582,006	1,806,681	224,675	2.0176	1.5822
Corcoran	123,350	18,106	(105,244)	0.0202	0.1132
Cottage Grove	40,000	0	(40,000)	0.0000	0.0000
Crookston	417,860	154,599	(263,261)	0.1726	0.3858
Crystal	1,291,257	1,358,382	67,125	1.5170	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	0.2484	0.8184
East Grand Forks	602,684	174,128	(428,556)	0.1945	1.0470
Eden Prairie	514,084	2,126	(511,958)	0.0024	0.0023
Edina	5,526,060	4,950,129	(575,931)	5.5281	5.9797
Elk River	0	0	0	0.0000	0.0000

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
Fairmont	\$112,286	\$189,931	\$77,645	0.2121	0.3057
Falcon Heights	246,233	302,851	56,618	0.3382	5.3490
Faribault	960,865	716,703	(244,162)	0.8004	1.6572
Farmington	310,906	567,055	256,149	0.6333	2.2138
Fergus Falls	769,674	1,012,064	242,390	1.1302	3.4149
Forest Lake	250,595	0	(250,595)	0.0000	0.0000
Fridley	694,359	1,153,849	459,490	1.2886	2.6394
Golden Valley	1,484,033	157,949	(1,326,084)	0.1764	0.3351
Grand Rapids	355,674	0	(355,674)	0.0000	0.0000
Ham Lake	388,907	153,909	(234,998)	0.1719	0.9106
Hastings	510,139	75,405	(434,734)	0.0842	0.2687
Hermantown	543,831	512,495	(31,336)	0.5723	2.8941
Hibbing	163,083	1,485,381	1,322,298	1.6588	2.3578
Hopkins	264,586	453,308	188,722	0.5062	1.1190
Hugo	0	212,912	212,912	0.2378	1.0000
Hutchinson	920,930	1,228,726	307,796	1.3722	3.9920
International Falls	258,409	134,211	(124,198)	0.1499	0.6060
Inver Grove Heights	0	0	0	0.0000	0.0000
Lake Elmo	0	143,394	143,394	0.1601	1.0000
Lakeville	0	0	0	0.0000	0.0000
Lino Lakes	245,842	479,675	233,833	0.5357	2.0514
Litchfield	380,465	537,210	156,745	0.5999	3.4138
Little Canada	181,975	173,754	(8,221)	0.1940	1.0692
Little Falls	21,602	191,966	170,364	0.2144	0.7174
Mahtomedi	125,683	25,191	(100,492)	0.0281	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	1.2606	2.0107
Marshall	719,520	680,208	(39,312)	0.7596	2.1916
Mendota Heights	148,470	57,757	(90,713)	0.0645	0.2944
Minneapolis	11,131,300	5,808,396	(5,322,904)	6.4865	0.8602
Minnetonka	1,591,583	0	(1,591,583)	0.0000	0.0000
Montevideo	504,872	246,959	(257,913)	0.2758	1.4877
Monticello	218,459	298,594	80,135	0.3335	2.4174
Moorhead	574,408	858,200	283,792	0.9584	1.1309
Morris	0	53,067	53,067	0.0593	0.3837
Mound	896,741	1,053,771	157,030	1.1768	6.7106
Mounds View	561,747	593,970	32,223	0.6633	3.3312
New Brighton	1,541,685	624,991	(916,694)	0.6980	1.8168
New Hope	667,164	661,477	(5,687)	0.7387	1.8987
New Ulm	83,217	442,531	359,314	0.4942	1.2109
North Branch	0	0	0	0.0000	0.0000
North Mankato	349,684	0	(349,684)	0.0000	0.0000
North St. Paul	461,802	656,617	194,815	0.7333	3.3705
Northfield	762,891	476,651	(286,240)	0.5323	1.6369

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
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	0.8164	2.9018
Otsego	355,615	403,554	47,939	0.4507	1.9494
Owatonna	1,172,351	123,035	(1,049,316)	0.1374	0.2289
Plymouth	2,820,420	2,416,922	(403,498)	2.6991	1.9790
Prior Lake	686,788	0	(686,788)	0.0000	0.0000
Ramsey	888,335	1,153,399	265,064	1.2881	3.1594
Red Wing	1,274,421	1,085,067	(189,354)	1.2117	2.7857
Richfield	3,572,625	2,984,103	(588,522)	3.3325	4.3555
Robbinsdale	537,255	582,407	45,152	0.6504	1.8633
Rochester	2,918,408	2,647,859	(270,549)	2.9570	1.7493
Rosemount	307,493	573,680	266,187	0.6407	1.7322
Roseville	713,894	1,176,479	462,585	1.3138	1.9687
St. Anthony	206,642	280,230	73,588	0.3129	1.9234
St. Cloud	437,029	239,929	(197,100)	0.2679	0.2870
St. Louis Park	1,476,414	734,778	(741,636)	0.8206	1.1869
St. Paul	10,473,157	11,474,939	1,001,782	12.8146	1.9079
St. Peter	346,780	578,764	231,984	0.6463	2.0215
Sartell	281,423	431,891	150,468	0.4823	2.8703
Sauk Rapids	488,693	0	(488,693)	0.0000	0.0000
Savage	225,673	42,240	(183,433)	0.0472	0.1184
Shakopee	309,562	735,749	426,187	0.8216	2.0741
Shoreview	85,754	411,437	325,683	0.4595	0.9254
Shorewood	776,055	913,290	137,235	1.0199	5.5720
South St. Paul	1,302,079	1,487,909	185,830	1.6616	4.3846
Spring Lake Park	463,501	0	(463,501)	0.0000	0.0000
Stillwater	1,574,442	515,911	(1,058,531)	0.5761	2.0460
Thief River Falls	90,490	54,297	(36,193)	0.0606	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	0.0584	0.3654
Waseca	36,249	160,879	124,630	0.1797	0.8984
West St. Paul	801,828	559,585	(242,243)	0.6249	1.6548
White Bear Lake	744,023	902,636	158,613	1.0080	2.0020
Willmar	421,337	405,524	(15,813)	0.4529	1.0427
Winona	136,600	623,053	486,453	0.6958	1.2808
Woodbury	1,783,151	0	(1,783,151)	0.0000	0.0000
Worthington	1,004,552	847,520	(157,032)	0.9465	3.2990
TOTAL	\$102,263,355	\$89,545,533	(\$12,717,822)	100.0000	1.4215

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)	(B)	(C)	(D)	(E)	(D minus C minus E)
			Total Amount Applied Toward State Aid Projects	(A Minus B) Amount Not Applied Toward State Aid Projects	Remaining Amount of Principal To Be Paid	Off System Disburse- ment	Bond Account Adjustment
Municipality	Date of Issue	Amount of Issue					
Andover	8-01-88	\$500,000	\$500,000	\$0	\$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	640,055	9,945 *	650,000		640,055
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

		(A)	(B)	(C)	(D)	(E)	(D Minus C) minus E)
Municipality	Date of Issue	Amount of Issue	Total Amount Applied Toward State Aid Projects	(A Minus B) Amount Not Applied Toward State Aid Projects	Remaining Amount of Principal To Be Paid	Off System Disburse- ment	Bond Account Adjustment
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
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	\$24,916,993	\$11,701,828	\$24,458,828	\$779,446	\$11,977,554

* OVERHEAD COSTS

NON-EXISTING BRIDGE CONSTRUCTION

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

BE IT RESOLVED:

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

Municipality	MSAS No.	First Year of Adjustment	Year of Apportionment Expiration	15 Years Amount Expired	Project Needs	Total Needs Amount
Bloomington	433	1987	2001		\$1,255,688	
	399	1990	2004		1,070,687	\$2,326,37
Burnsville	108	1986	2000			349,68
Duluth *	140	1987	2001			1,054,20
Eden Prairie	101	1985	1999			974,29
Hastings	129	1983	1997			233,03
Lakeville	122	1996	2010			813,03
Minneapolis	328	1983	1997		410,521	
	336	1986	2000		1,082,670	
	419	1996	2010		1,625,850	3,119,04
Red Wing	122	1986	2000			991,30
Roseville	219	1987	2001			2,814,71
St. Paul	234	1983	1997			320,85
Woodbury	108	1996	2010			1,410,19
TOTAL						\$14,406,74

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

NEEDS ADJUSTMENT FOR RIGHT-OF-WAY ACQUISITION

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

MUNICIPALITY	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
Fergus Falls	67,200		--		--		67,200

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
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	--		--		--		--
North Branch	--		--		--		--
North Mankato	395,146		--		--		395,146
North St. Paul	78,068		--		--		78,068
Northfield	8,850		--		--		8,850
Oak Grove	--		--		--		--
Oakdale	211,229		--		--		211,229
Orono	--		--		--		--
Otsego	8,900		--		--		8,900
Owatonna	--		--		--		--

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
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

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

October 25, 1995

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

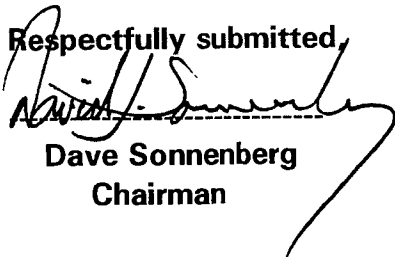
Dear Commissioner Denn,

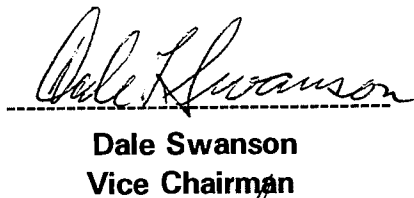
We, the undersigned, as members of the 1995 Municipal Screening Board, having reviewed all information available in relation to the 25 year money needs of the Municipal State Aid Street System, do hereby submit our findings as required by Minnesota Statutes.

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.

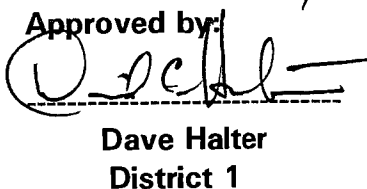
Respectfully submitted,

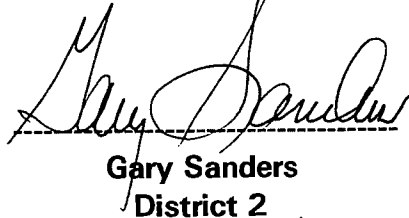

Dave Sonnenberg
Chairman


Dale Swanson
Vice Chairman

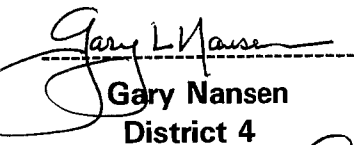

Brian Bachmeier
Secretary

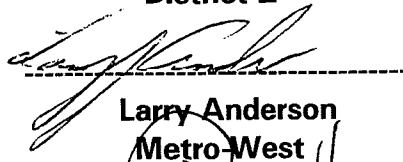
Approved by:

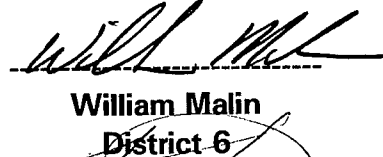

Dave Halter
District 1

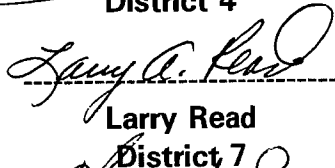

Gary Sanders
District 2

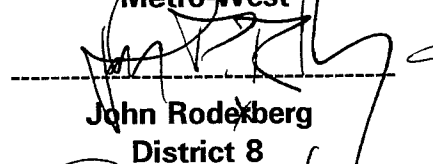

Curt Kreklau
District 3

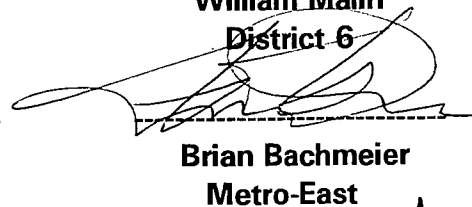

Gary Nansen
District 4

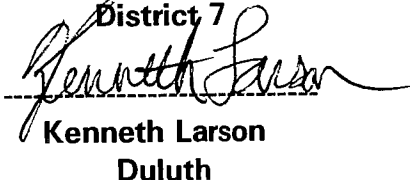

Larry Anderson
Metro-West

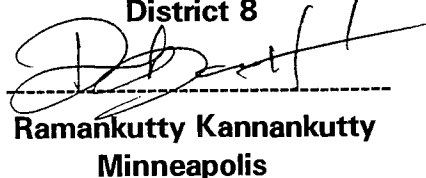

William Malin
District 6

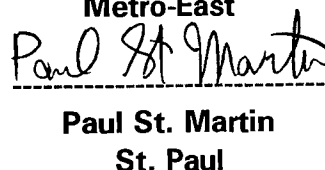

Larry Read
District 7


John Roderberg
District 8


Brian Bachmeier
Metro-East


Kenneth Larson
Duluth


Ramankutty Kannankutty
Minneapolis


Paul St. Martin
St. Paul

1995 ADJUSTED CONSTRUCTION NEEDS RECOMMENDATIONS

Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction 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	17,990,310	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	29,413,346
Cambridge	3,448,188	Lino Lakes	8,117,145
Champlin	5,558,545	Litchfield	4,526,207
Chanhassen	12,645,018	Little Canada	4,631,840
Chaska	10,451,398	Little Falls	6,932,444
Chisholm	3,438,183	Mahtomedi	1,755,062
Cloquet	12,286,098	Mankato	23,763,316
Columbia Heights	5,869,726	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	202,930,827
Crystal	15,097,859	Minnetonka	26,291,320
Detroit Lakes	3,957,179	Montevideo	3,931,760
Duluth	64,261,824	Monticello	3,432,356
Eagan	23,217,841	Moorhead	19,183,756
East Bethel	7,125,706	Morris	2,526,970
East Grand Forks	4,491,114	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	15,388,650	New Hope	8,996,631
Fairmont	17,570,855	New Ulm	7,485,734
Falcon Heights	306,610	North Branch	7,685,578
Faribault	15,010,642	North Mankato	6,925,955
Farmington	7,067,157	North St. Paul	3,582,454
Fergus Falls	8,169,006	Northfield	6,881,402

Municipality	Adjusted Construction Needs
Oak Grove	\$7,022,170
Oakdale	9,882,768
Orono	8,258,863
Otsego	7,754,708
Owatonna	12,631,632
Plymouth	21,922,494
Prior Lake	7,654,915
Ramsey	10,433,713
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	3,055,658
St. Cloud	23,180,106
St. Louis Park	16,100,429
St. Paul	153,029,657
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	10,214,142
Vadnais Heights	2,244,318
Virginia	7,174,999
Waite Park	2,698,100
Waseca	3,079,366
West St. Paul	5,358,967
White Bear Lake	9,383,706
Willmar	10,637,286
Winona	9,944,982
Woodbury	29,059,593
Worthington	5,066,710
STATE TOTAL	\$1,638,227,013

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	1.39	11-94	10,008	
						6.06		43,632	43,632
Hibbing									
175 & 226 (TH 73)	6-91	131-175-02 131-226-02	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

REFERENCE

MATERIAL

1995 ADEQUATE & DEFICIENT MILES FOR ALL CITIES

Of a total of 2614.71 miles on the MSAS system, 1616.32, or 61.82%, are shown as deficient in the Needs Study.

DISTRICT 1			PERCENT OF
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	TOTAL MILEAGE DEFICIENT
CHISHOLM	3.88	3.80	49.48%
CLOQUET	6.43	11.62	64.38
DULUTH	30.45	59.89	66.29
GRAND RAPIDS	3.43	7.93	69.81
HERMANTOWN	8.40	4.59	35.33
HIBBING	17.45	33.29	65.61
INTERNATIONAL FALLS	2.49	5.57	69.11
VIRGINIA	<u>5.19</u>	<u>7.14</u>	<u>57.91</u>
DISTRICT 1	77.72	133.83	63.26%
DISTRICT 2			PERCENT OF
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	TOTAL MILEAGE DEFICIENT
BEMIDJI	5.46	8.85	61.84%
CROOKSTON	4.16	6.75	61.87
EAST GRAND FORKS	6.36	4.46	41.22
THIEF RIVER FALLS	<u>4.59</u>	<u>8.97</u>	<u>66.15</u>
DISTRICT 2	20.57	29.03	58.53%
DISTRICT 3			PERCENT OF
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	TOTAL MILEAGE DEFICIENT
BRAINERD	6.44	7.81	54.81%
BUFFALO	0.79	6.79	89.58
CAMBRIDGE	2.52	2.76	52.27
ELK RIVER	8.06	15.95	66.43
LITTLE FALLS	6.48	7.29	52.94
MONTICELLO	0.94	5.05	84.31
OTSEGO	2.06	11.02	84.25
SARTELL	0.29	4.76	94.26
SAUK RAPIDS	4.09	4.94	54.71
ST CLOUD	18.22	20.80	53.31
WAITE PARK	<u>2.08</u>	<u>2.38</u>	<u>53.36</u>
DISTRICT 3	51.97	89.55	63.28%

DISTRICT 4			PERCENT OF
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	TOTAL MILEAGE DEFICIENT
ALEXANDRIA	5.18	7.21	58.19%
DETROIT LAKES	5.75	3.79	39.73
FERGUS FALLS	8.62	11.09	56.27
MOORHEAD	11.65	17.02	59.37
MORRIS	<u>3.62</u>	<u>3.04</u>	<u>45.65</u>
DISTRICT 4	34.82	42.15	54.76%

METRO WEST			PERCENT OF
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	TOTAL MILEAGE DEFICIENT
ANDOVER	16.14	14.69	47.65%
ANOKA	3.90	8.08	67.45
BLAINE	13.25	19.53	59.58
BLOOMINGTON	21.43	52.30	70.93
BROOKLYN CENTER	4.50	16.80	78.87
BROOKLYN PARK	18.93	26.40	58.24
CHAMPLIN	11.03	4.19	27.53
CHANHASSEN	4.08	16.02	79.70
CHASKA	1.37	12.48	90.11
COLUMBIA HEIGHTS	3.87	7.78	66.78
COON RAPIDS	22.19	16.84	43.15
CORCORAN	2.47	11.13	81.84
CRYSTAL	1.96	15.92	89.04
EAST BETHEL	14.13	9.53	40.28
EDEN PRAIRIE	16.04	26.36	62.17
EDINA	10.42	28.94	73.53
FRIDLEY	11.71	13.63	53.79
GOLDEN VALLEY	9.82	13.73	58.30
HAM LAKE	10.15	12.70	55.58
HOPKINS	2.75	6.66	70.78
LINO LAKES	3.68	13.56	78.65
MAPLE GROVE	19.00	20.60	52.02
MINNEAPOLIS	49.61	144.33	74.42
MINNETONKA	16.72	32.96	66.34
MOUND	2.44	5.61	69.69
NEW HOPE	2.55	10.17	79.95
OAK GROVE	2.24	16.23	87.87
ORONO	1.77	10.30	85.34
PLYMOUTH	22.05	24.51	52.64
PRIOR LAKE	3.28	9.80	74.92
RAMSEY	12.71	16.30	56.19
RICHFIELD	7.11	19.10	72.87
ROBBINSDALE	4.87	5.46	52.86
SAVAGE	3.59	11.10	75.56
SHAKOPEE	6.07	10.10	62.46
SHOREWOOD	0.55	8.74	94.08
SPRING LAKE PARK	3.28	1.96	37.40
ST ANTHONY	2.07	3.11	60.04
ST LOUIS PARK	<u>11.54</u>	<u>17.18</u>	<u>59.82</u>
METRO WEST	375.27	714.83	65.57%

DISTRICT 6			PERCENT OF
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	TOTAL MILEAGE DEFICIENT
ALBERT LEA	7.79	10.86	58.23%
AUSTIN	12.31	14.42	53.95
FARIBAULT	8.91	12.55	58.48
NORTHFIELD	4.47	6.78	60.27
OWATONNA	6.47	11.04	63.05
RED WING	5.49	16.58	75.12
ROCHESTER	17.56	31.60	64.28
WINONA	<u>8.28</u>	<u>11.34</u>	<u>57.80</u>
DISTRICT 6	71.28	115.17	61.77%

DISTRICT 7			PERCENT OF
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	TOTAL MILEAGE DEFICIENT
FAIRMONT	4.05	15.33	79.10%
MANKATO	12.07	19.61	61.90
NEW ULM	6.39	7.74	54.78
NORTH MANKATO	6.62	5.24	44.18
ST PETER	3.90	6.69	63.17
WASECA	3.76	2.55	40.41
WORTHINGTON	<u>2.93</u>	<u>6.88</u>	<u>70.13</u>
DISTRICT 7	39.72	64.04	61.72%

DISTRICT 8			PERCENT OF
MUNICIPALITY	ADEQUATE MILES	DEFICIENT MILES	TOTAL MILEAGE DEFICIENT
HUTCHINSON	6.07	5.09	45.61%
LITCHFIELD	2.30	5.53	70.63
MARSHALL	6.64	5.75	46.41
MONTEVIDEO	3.36	4.53	57.41
WILLMAR	<u>12.72</u>	<u>10.58</u>	<u>45.41</u>
DISTRICT 8	31.09	31.48	50.31%

MUNICIPALITY	METRO EAST		PERCENT OF TOTAL MILEAGE DEFICIENT
	ADEQUATE MILES	DEFICIENT MILES	
APPLE VALLEY	17.08	14.15	45.31%
ARDEN HILLS	2.74	3.59	56.71
BURNSVILLE	26.96	16.71	38.26
COTTAGE GROVE	14.77	14.64	49.78
EAGAN	29.63	14.68	33.13
FALCON HEIGHTS	2.42	0.12	4.72
FARMINGTON	1.42	7.30	83.72
FOREST LAKE	0.42	3.27	88.62
HASTINGS	7.84	6.61	45.74
HUGO	2.68	12.53	82.38
INVER GROVE HEIGHTS	8.31	11.64	58.35
LAKE ELMO	5.37	4.16	43.65
LAKEVILLE	12.21	28.41	69.94
LITTLE CANADA	2.17	4.32	66.56
MAHTOMEDI	2.00	2.55	56.04
MAPLEWOOD	7.02	12.16	63.40
MENDOTA HEIGHTS	6.56	5.12	43.84
MOUNDS VIEW	3.44	5.00	59.24
NEW BRIGHTON	3.28	10.14	75.56
NORTH BRANCH	0.00	15.64	100.00
NORTH ST PAUL	3.28	5.80	63.88
OAKDALE	7.02	9.70	58.01
ROSEMOUNT	7.54	13.80	64.67
ROSEVILLE	15.13	8.32	35.48
SHOREVIEW	9.30	4.39	32.07
SOUTH ST PAUL	6.55	7.78	54.29
ST PAUL	51.95	107.74	67.47
STILLWATER	7.66	5.14	40.16
VADNAIS HEIGHTS	4.02	2.75	40.62
WEST ST PAUL	6.59	5.53	45.63
WHITE BEAR LAKE	6.76	11.58	63.14
WOODBURY	<u>13.83</u>	<u>20.97</u>	<u>60.26</u>
METRO EAST	295.95	396.24	57.24%
STATE TOTAL	998.39	1616.32	61.82%

RELATIONSHIP OF CONSTRUCTION BALANCE TO CONSTRUCTION ALLOTMENT

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

App. Year	No. of Municipalities	Needs Mileage	Unencumbered Construction Balance (As of September 1)	Construction Allotment	Amount Spent on Construction Projects	Ratio of Construction Balance to Construction Allotment	Ratio of Amount spent to Amount Received
1973	94	1557.31	\$26,333,918	\$15,164,273	\$12,855,250	1.7366	0.8477
1974	95	1574.52	29,760,552	18,052,386	14,625,752	1.6486	0.8102
1975	99	1629.30	33,239,840	19,014,171	15,534,883	1.7482	0.8170
1976	101	1696.56	37,478,614	18,971,282	14,732,508	1.9755	0.7766
1977	101	1748.55	43,817,240	23,350,429	17,011,803	1.8765	0.7285
1978	104	1768.90	45,254,560	23,517,393	22,080,073	1.9243	0.9389
1979	106	1839.51	48,960,135	26,196,935	22,491,360	1.8689	0.8585
1980	106	1889.03	51,499,922	29,082,865	26,543,078	1.7708	0.9127
1981	106	1913.57	55,191,785	30,160,696	26,468,833	1.8299	0.8776
1982	109	1995.74	57,550,334	36,255,443	33,896,894	1.5874	0.9349
1983	110	2041.94	68,596,586	39,660,963	28,614,711	1.7296	0.7215
1984	110	2066.80	76,739,685	41,962,145	33,819,046	1.8288	0.8059
1985	111	2121.49	77,761,378	49,151,218	48,129,525	1.5821	0.9792
1986*	107	2139.42	78,311,767	50,809,002	50,258,613	1.5413	0.9892
1987	107	2148.07	83,574,312	46,716,190	41,453,645	1.7890	0.8874
1988	108	2164.99	85,635,991	49,093,724	47,032,045	1.7443	0.9580
1989	109	2205.05	105,147,959	65,374,509	45,862,541	1.6084	0.7015
1990	112	2265.64	119,384,013	68,906,409	54,670,355	1.7326	0.7934
1991	113	2330.30	120,663,647	66,677,426	65,397,792	1.8097	0.9808
1992	116	2376.79	129,836,670	66,694,378	57,521,355	1.9467	0.8625
1993	116	2410.53	109,010,201	64,077,980	84,904,449	1.7012	1.3250
1994	117	2471.04	102,263,355	62,220,930	68,967,776	1.6436	1.1084
1995	118	2526.39	89,545,533	62,994,481	75,712,303	1.4215	1.2019
1996	119	2614.71		70,289,831			

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

1995 NEEDS TURNBACK MILEAGE

TRUNK HIGHWAY TURNBACK - TURNBACKS SINCE JULY 1, 1965.

COUNTY HIGHWAY TURNBACK - TURNBACKS SINCE APRIL 11, 1994

MUNICIPALITY	LENGTH OF THTB'S	CONST. NEEDS OF THTB'S	LENGTH OF CSAH TB'S	CONST. NEEDS OF CSAH TB'S	LENGTH OF CR TB'S	CONST. NEEDS OF CR TB'S
ALBERT LEA						
ALEXANDRIA	1.36	\$430,023				
ANDOVER						
ANOKA	0.41	89,704				
APPLE VALLEY						
ARDEN HILLS					0.92	\$853,700
AUSTIN	4.70	6,320,677				
BEMIDJI	1.20	1,207,732				
BLAINE						
BLOOMINGTON	2.29	3,798,462				
BRAINERD						
BROOKLYN CENTER	0.52	50,684				
BROOKLYN PARK	4.48	346,811				
BUFFALO						
BURNSVILLE						
CAMBRIDGE						
CHAMPLIN	0.62	88,215				
CHANHASSEN						
CHASKA						
CHISHOLM	0.72	44,022				
CLOQUET						
COLUMBIA HEIGHTS						
COON RAPIDS	2.33	1,446,564				
CORCORAN						
COTTAGE GROVE						
CROOKSTON	1.58	6,103,041				
CRYSTAL						
DETROIT LAKES						
DULUTH	10.58	5,058,436				
EAGAN	0.72	782,486				

MUNICIPALITY	LENGTH OF THTB'S	CONST. NEEDS OF THTB'S	LENGTH OF CSAH TB'S	CONST. NEEDS OF CSAH TB'S	LENGTH OF CR TB'S	CONST. NEEDS OF CR TB'S
EAST BETHEL						
EAST GRAND FORKS	2.39	\$352,449				
EDEN PRAIRIE	1.86	1,392,623				
EDINA						
ELK RIVER	1.24	338,720				
FAIRMONT	5.84	5,662,819				
FALCON HEIGHTS						
FARIBAULT	2.39	1,959,632				
FARMINGTON						
FERGUS FALLS	7.45	1,444,887				
FOREST LAKE						
FRIDLEY						
GOLDEN VALLEY						
GRAND RAPIDS						
HAM LAKE						
HASTINGS	1.26	399,392				
HERMANTOWN						
HIBBING	2.72	1,713,826				
HOPKINS						
HUGO						
HUTCHINSON						
INTERNATIONAL FALLS						
INVER GROVE HEIGHTS						
LAKE ELMO						
LAKEVILLE			5.14	\$4,215,027	0.74	\$669,055
LINO LAKES						
LITCHFIELD						
LITTLE CANADA			0.55	458,789	0.12	98,215
LITTLE FALLS	3.12	2,538,416				
MAHTOMEDI						

MUNICIPALITY	LENGTH OF THTB'S	CONST. NEEDS OF THTB'S	LENGTH OF CSAH TB'S	CONST. NEEDS OF CSAH TB'S	LENGTH OF CR TB'S	CONST. NEEDS OF CR TB'S
MANKATO	6.41	\$4,122,240				
MAPLE GROVE	0.50	92,976				
MAPLEWOOD						
MARSHALL	1.44	349,216				
MENDOTA HEIGHTS						
MINNEAPOLIS	2.72	1,227,724				
MINNETONKA						
MONTEVIDEO	0.48	423,820				
MONTICELLO						
MOORHEAD	2.84	1,763,426				
MORRIS						
MOUND						
MOUNDS VIEW			0.45	\$370,022		
NEW BRIGHTON						
NEW HOPE						
NEW ULM	0.58	545,905				
NORTH BRANCH						
NORTH MANKATO	1.90	1,399,842			0.81	\$641,247
NORTH ST PAUL						
NORTHFIELD	0.80	244,756				
OAK GROVE						
OAKDALE						
ORONO						
OTSEGO						
OWATONNA						
PLYMOUTH						
PRIOR LAKE						
RAMSEY					0.50	576,474
RED WING						
RICHFIELD						

MUNICIPALITY	LENGTH OF THTB'S	CONST. NEEDS OF THTB'S	LENGTH OF CSAH TB'S	CONST. NEEDS OF CSAH TB'S	LENGTH OF CR TB'S	CONST. NEEDS OF CR TB'S
ROBBINSDALE ROCHESTER ROSEMOUNT ROSEVILLE ST ANTHONY			3.30 0.67	\$2,068,955 498,938		
ST CLOUD ST LOUIS PARK ST PAUL ST PETER SARTELL	5.76 7.83 2.28	\$799,950 20,601,417 2,420,886			3.04	\$2,863,916
SAUK RAPIDS SAVAGE SHAKOPEE SHOREVIEW SHOREWOOD	1.02	928,802				
SOUTH ST PAUL SPRING LAKE PARK STILLWATER THIEF RIVER FALLS VADNAIS HEIGHTS	0.61	68,481			2.09	2,294,383
VIRGINIA WAITE PARK WASECA WEST ST PAUL WHITE BEAR LAKE	1.66 0.51	1,787,137 25,953				
WILLMAR WINONA WOODBURY WORTHINGTON	4.14	2,045,330				
TOTAL	101.26	\$80,417,482	10.11	\$7,611,731	8.22	\$7,996,990

CURRENT RESOLUTIONS
OF THE
MUNICIPAL SCREENING BOARD

October 1995

BE IT RESOLVED:

ADMINISTRATION

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

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

Screening Board Chairman and Vice Chairman - June 1987

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

Screening Board Secretary - Oct. 1961

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

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

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

Appointment to Unencumbered Construction Funds Subcommittee - Revised June 1979

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

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

That any individual or delegation having items of concern regarding the study of State Aid Needs or State Aid Apportionment amounts, and wishing to have consideration given to these items, shall, in a written report, communicate with the State Aid Engineer. The State Aid Engineer with concurrence of the Chairman of the Screening Board shall determine which requests are to be referred to the Screening Board for their consideration. This resolution does not abrogate the right of the Screening Board to call any person or persons before the Board for discussion purposes.

Research Account - Oct. 1961

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

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

Soil Type - Oct. 1961

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

Improper Needs Report - Oct. 1961

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

New Cities Needs - Oct. 1983

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

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

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

Construction Accomplishments - Oct. 1988 (Revised June 1993)

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

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, except by consolidation, 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.

NEEDS 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 -----
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, 1995)

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

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

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

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

Effective January 1, 1996

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

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

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.

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Municipal state aid street
apportionment data
Municipal state aid street
apportionment data