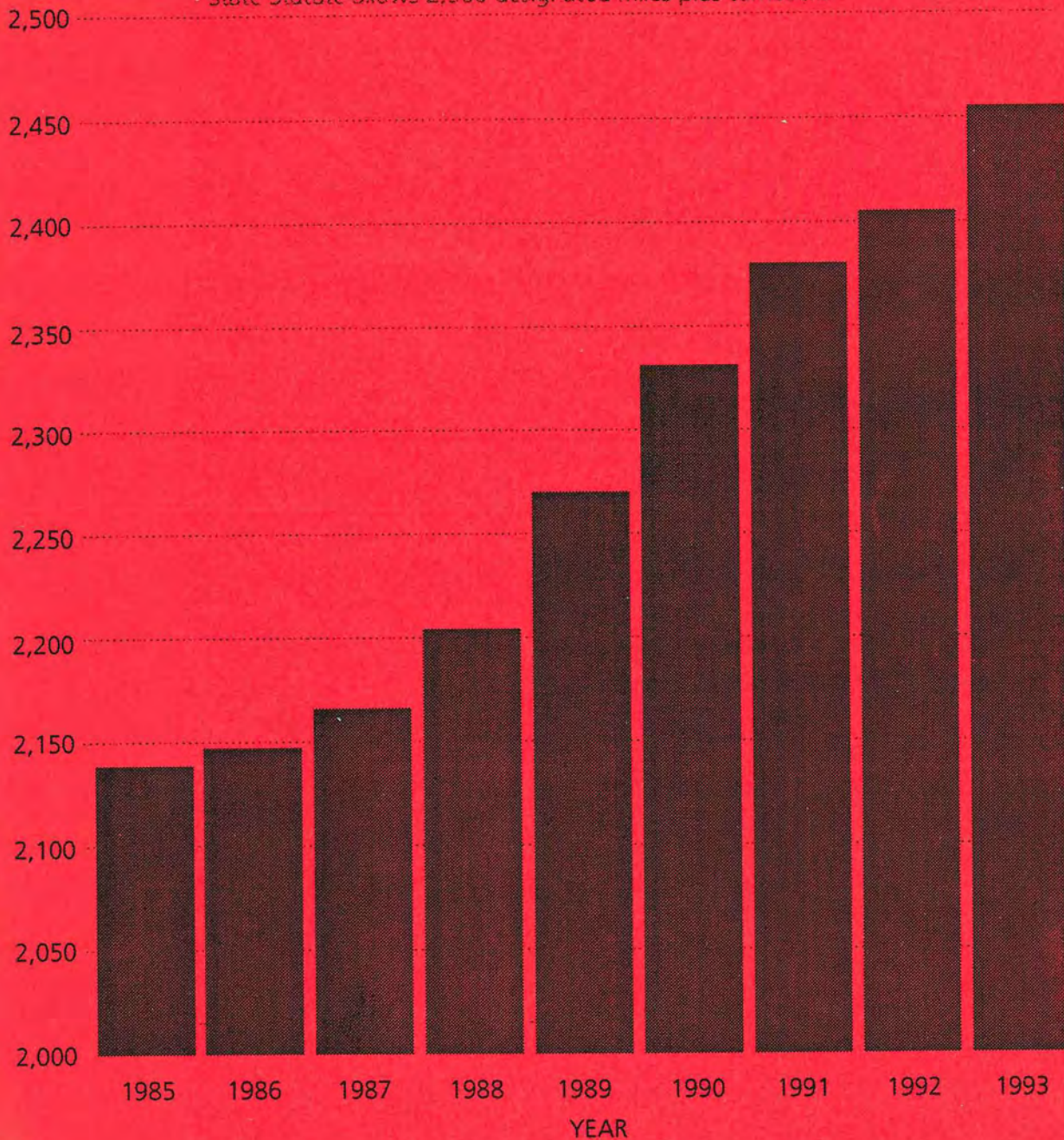


# 1993 MUNICIPAL STATE AID NEEDS REPORT



MILES

State Statute allows 2,500 designated miles plus turnbacks



MNDOT  
HE  
356  
.M6  
M53b  
1993

October, 1993

October 1993

(612) 296-1662

TO : Municipal Engineers

SUBJECT : 1993 Municipal State Aid Needs Report

Gentlemen :

Enclosed is a copy of the 1993 Municipal State Aid Needs Report, which will be reviewed October 25 & 26 by the Screening Board to make a final determination of the money needs.

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

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

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

Sincerely,

A handwritten signature in cursive script that reads "Ken Straus".

Kenneth Straus  
Municipal State Aid Needs Unit

Enclosures:  
1993 Municipal State Aid Needs Report



## **PREFACE**

The "1993 Municipal State Aid Needs Report" is presented to the Municipal Screening Board for use in making their annual money needs recommendation to the Commissioner of Transportation.

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

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

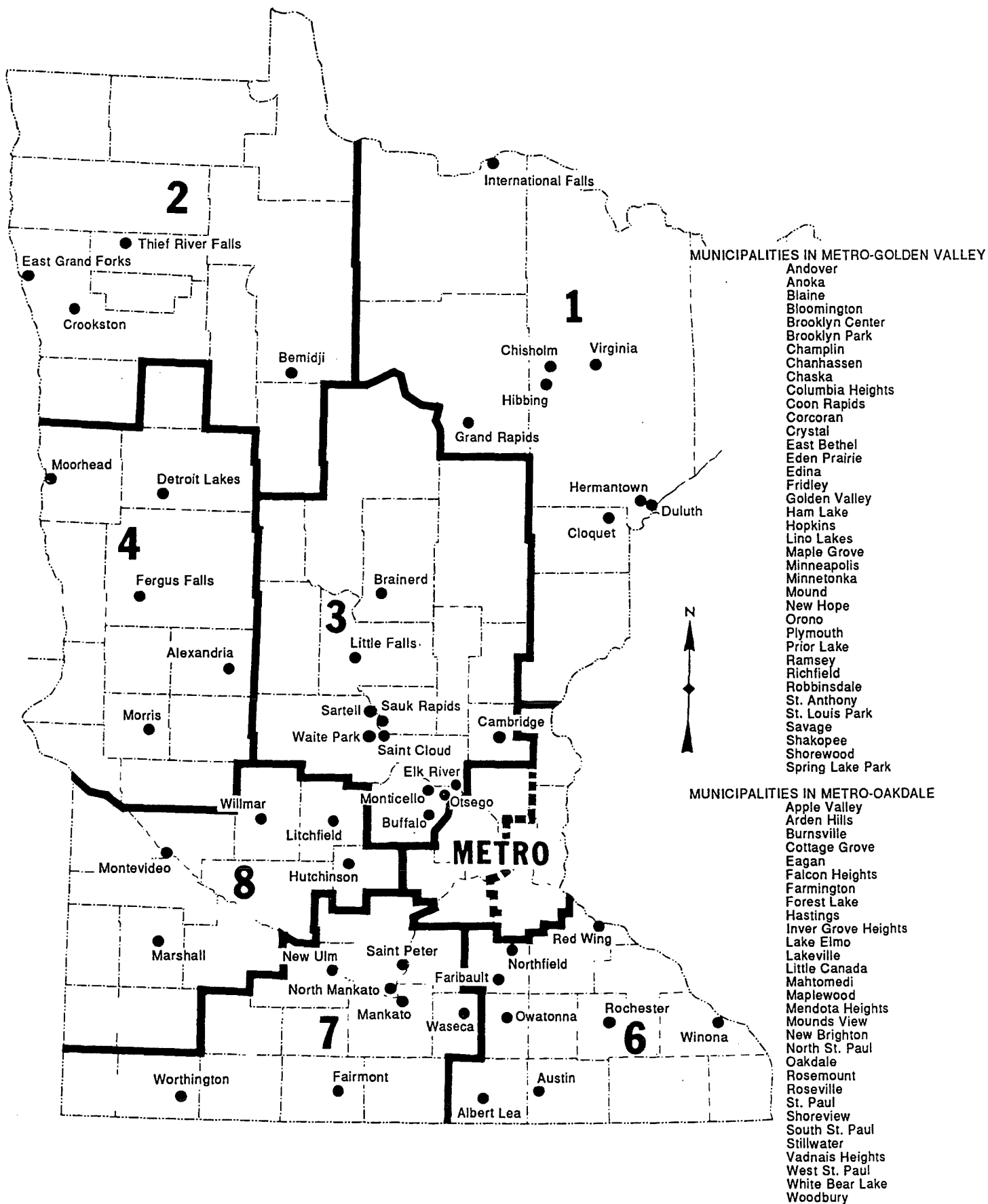
Design is established by State Aid Standards based on traffic, and the money needs are calculated using the unit prices as determined by the Screening Board at their spring meeting in June, 1993.

The 1990 Census data is combined with the Commissioner's final money needs determination and is the resulting 1994 allocation which will be reported in the "1994 Municipal State Aid Apportionment Data" to be published in January, 1994.

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**STATE OF MINNESOTA  
HIGHWAY DISTRICTS AND MUNICIPALITIES  
AS ESTABLISHED FOR STATE AID PURPOSES**



## 1993 MUNICIPAL SCREENING BOARD

### OFFICERS

|               |                 |              |                |
|---------------|-----------------|--------------|----------------|
| Chairman      | Alan Gray       | Eden Prairie | (612) 937-2262 |
| Vice Chairman | Kenneth Larson  | Duluth       | (218) 723-3278 |
| Secretary     | Dave Sonnenberg | Minnetonka   | (612) 933-2511 |

### MEMBERS

| <u>District</u> | <u>Served</u> | <u>Representative</u>  |             |                |
|-----------------|---------------|------------------------|-------------|----------------|
| 1               | 2             | Jim Prusak             | Cloquet     | (218) 879-6758 |
| 2               | 3             | David Kildahl          | Crookston   | (218) 281-6522 |
| 3               | 3             | Sidney Williamson      | Sartell     | (612) 251-4553 |
| 4               | 2             | Herb Reimer            | Moorhead    | (218) 299-5390 |
| Metro-West      | 1             | Larry Anderson         | Prior Lake  | (612) 447-4230 |
| 6               | 2             | Arnold Putnam          | Owatonna    | (507) 451-4541 |
| 7               | 1             | Ken Saffert            | Mankato     | (507) 387-8600 |
| 8               | 3             | Dale Swanson           | Willmar     | (612) 235-4202 |
| Metro-East      | 1             | Brian Bachmeier        | Oakdale     | (612) 739-5086 |
| (Three Cities   |               | Kenneth Larson         | Duluth      | (218) 723-3278 |
| of the          |               | Ramankutty Kannankutty | Minneapolis | (612) 673-2476 |
| First Class)    |               | Thomas Kuhfeld         | St. Paul    | (612) 292-6276 |

| <u>District</u> | <u>Alternates</u> |               |                |
|-----------------|-------------------|---------------|----------------|
| 1               | Dave Halter       | Grand Rapids  | (218) 327-2802 |
| 2               | Don Boell         | Bemidji       | (218) 751-5610 |
| 3               | Curt Kreklau      | Buffalo       | (612) 253-1000 |
| 4               | Gary Nanson       | Detroit Lakes | (218) 847-5607 |
| Metro-West      | Jack Bittle       | Champlin      | (612) 421-1955 |
| 6               | William Malin     | Winona        | (507) 457-8269 |
| 7               | Larry Read        | Fairmont      | (507) 238-9461 |
| 8               | Richard Victor    | Marshall      | (507) 537-6774 |
| Metro-East      | Dave Jessup       | Woodbury      | (612) 731-5791 |

## 1993 SUBCOMMITTEES

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

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

| NEEDS STUDY SUBCOMMITTEE  | UNENCUMBERED CONSTRUCTION FUNDS SUBCOMMITTEE                                      |
|---|---|
| <p>Tom Drake – Chairman<br/>Red Wing<br/>(612) 227–6220<br/>Expires in 1993</p> | <p>Bruce Bullert – Chairman<br/>Savage<br/>(612) 890–1045<br/>Expires in 1993</p> |
| <p>Ken Haider<br/>Maplewood<br/>(612) 770–4552<br/>Expires in 1994</p>          | <p>Jim Grube<br/>St. Louis Park<br/>(612) 924–2551<br/>Expires in 1994</p>        |
| <p>Pete McClurg<br/>New Ulm<br/>(507) 359–8245<br/>Expires in 1995</p>          | <p>Dan Edwards<br/>Fergus Falls<br/>(218) 739–2251<br/>Expires in 1995</p>        |

| ALLOCATION STUDY SUBCOMMITTEE<br>(Presently Not Appointed by the Commissioner) |                |
|--|----------------|
| Jim Grube – St. Louis Park – Chairman  | (612) 924–2551 |
| Larry Anderson – Prior Lake  | (612) 447–4230 |
| Bruce Bullert – Savage   | (612) 890–1045 |
| Gerald Butcher – Maple Grove   | (612) 420–4000 |
| Tom Drake – Red Wing   | (612) 227–6220 |
| John Flora – Fridley   | (612) 571–3450 |
| Ramankutty Kannankutty – Minneapolis   | (612) 673–2456 |
| Tom Kuhfeld – St Paul  | (612) 292–6276 |
| Ken Larson – Duluth  | (218) 723–3278 |
| Bill Ottensmann – Coon Rapids  | (612) 755–2880 |
| Herb Reimer – Moorhead   | (218) 299–5390 |

**MUNICIPAL SCREENING COMMITTEE REPRESENTATIVES**  
Districts and First Class Cities

| Year | 1                         | 2                        | 3                         | 4                       | 5                         | 6                    | 7                       | 8                       |
|------|---------------------------|--------------------------|---------------------------|-------------------------|---------------------------|----------------------|-------------------------|-------------------------|
| 1974 | MADSEN<br>Hibbing         | SANDERS<br>E. Gr. Forks  | KNAPP                     | LARSON<br>Detroit Lakes | STROJAN                   | BOLLANT<br>Winona    | OTHMAN                  | CARLSON                 |
| 1975 | MADSEN                    | SANDERS                  | KNAPP                     | REIMER<br>Moorhead      | ASMUS<br>Minnetonka       | BOLLANT              | MENK<br>St. Peter       | CARLSON                 |
| 1976 | BOYER                     | WIDSETH                  | KRIHA<br>Brainerd         | REIMER                  | ODLAND                    | ANDERSON<br>Red Wing | MENK                    | ADEN<br>Marshall        |
| 1977 | PFUTZENREUTER<br>Virginia | WIDSETH                  | KRIHA                     | RONNING<br>Fergus Falls | ODLAND                    | ANDERSON             | MENK                    | ADEN                    |
| 1978 | PFUTZENREUTER             | WIDSETH                  | KRIHA                     | RONNING                 | BUTCHER<br>Maple Grove    | ANDERSON             | PUTNAM<br>New Ulm       | ADEN                    |
| 1979 | PFUTZENREUTER             | VENCEL<br>Bemidji        | ENGSTRON<br>Little Falls  | RONNING                 | BUTCHER                   | ANDERSON             | PUTNAM                  | CARLSON                 |
| 1980 | MADSEN                    | VENCEL                   | ENGSTRON                  | REIMER                  | BUTCHER                   | LEUTH<br>Owatonna    | PUTNAM                  | CARLSON                 |
| 1981 | PFUTZENREUTER             | WIDSETH                  | ENGSTRON                  | REIMER                  | ASMUS                     | LEUTH                | ORTLOFF<br>Waseca       | CARLSON                 |
| 1982 | PFUTZENREUTER<br>Virginia | FREEBERG<br>Bemidji      | DOLENTZ<br>St. Cloud      | BAKKEN<br>Detroit Lakes | ASMUS                     | LEUTH                | ORTLOFF                 | ADEN                    |
| 1983 | PRUSAK<br>Cloquet         | FREEBERG                 | DOLENTZ                   | BAKKEN                  | ASMUS                     | PLUMB<br>Rochester   | ORTLOFF                 | ADEN                    |
| 1984 | PRUSAK                    | FREEBERG                 | DOLENTZ                   | BAKKEN                  | RUDRUD<br>Bloomington     | PLUMB                | MENK                    | ADEN                    |
| 1985 | PRUSAK                    | SANDERS                  | SCHWENINGER<br>Brainerd   | BAKKEN                  | RUDRUD                    | PLUMB                | MENK                    | RODEBERG<br>Montevideo  |
| 1986 | BUSBY<br>Hibbing          | SANDERS                  | SCHWENINGER               | EDWARDS<br>Fergus Falls | RUDRUD                    | MURPHY<br>Austin     | MENK                    | RODEBERG                |
| 1987 | BUSBY                     | SANDERS                  | SCHWENINGER               | EDWARDS                 | OTTENSMANN<br>Coon Rapids | MURPHY               | HAFFIELD<br>Worthington | RODEBERG                |
| 1988 | BUSBY                     | WALKER<br>Th River Falls | MAURER<br>Elk River       | EDWARDS                 | OTTENSMANN                | MURPHY               | HAFFIELD                | BETTENDON<br>Litchfield |
| 1989 | DRAGISICH<br>Virginia     | WALKER                   | MAURER                    | MOEN<br>Alexandria      | OTTENSMANN                | DRAKE<br>Red Wing    | HAFFIELD                | BETTENDON               |
| 1990 | DRAGISICH                 | WALKER                   | MAURER                    | MOEN                    | EASTLING<br>Richfield     | DRAKE                | MCCLURG<br>New Ulm      | BETTENDON               |
| 1991 | PRUSAK<br>Cloquet         | KILDAHL<br>Crookston     | WILLIAMSON<br>Sauk Rapids | MOEN                    | EASTLING                  | DRAKE                | MCCLURG                 | SWANSON<br>Willmar      |
| 1992 | PRUSAK                    | KILDAHL                  | WILLIAMSON                | REIMER<br>MOORHEAD      | EASTLING                  | PUTNAM<br>OWATONNA   | MCCLURG                 | SWANSON                 |
| 1993 | PRUSAK                    | KILDAHL                  | WILLIAMSON                | REIMER                  | ANDERSON<br>Prior Lake    | PUTNAM               | SAFFERT<br>Mankato      | SWANSON                 |



**MUNICIPAL SCREENING COMMITTEE REPRESENTATIVES**  
Districts and First Class Cities

| Year  | 9                               | Mpls.    | St. Paul | Duluth   | Chairman                | Vice<br>Chairman        | Secretary                |
|-------|---------------------------------|----------|----------|----------|-------------------------|-------------------------|--------------------------|
| ----- | ---                             | ---      | -----    | -----    | -----                   | -----                   | -----                    |
| 1974  | THENE<br>White Bear Lk.         | SORENSEN | SCHNARR  | DAVIDSON | CARLSON<br>Willmar      |                         | MERILA<br>Brooklyn Park  |
| 1975  | THENE                           | SORENSEN | SCHNARR  | DAVIDSON | JOHNSON<br>Anoka        |                         | COOK<br>Faribault        |
| 1976  | DAVIDSON<br>Inver Gr. Hgts.     | SORENSEN | SCHNARR  | DAVIDSON | MERILA<br>Brooklyn Park |                         | ASMUS<br>Minnetonka      |
| 1977  | DAVIDSON                        | SORENSEN | SCHNARR  | DAVIDSON | COOK<br>Faribault       | ASMUS<br>Minnetonka     | THENE<br>Wt. Br. Lk.     |
| 1978  | HONCHELL<br>Roseville           | SMITH    | WHEELER  | DAVIDSON | ASMUS<br>Minnetonka     | THENE<br>Wt. Br. Lk.    | PRIEBE<br>Hutchinson     |
| 1979  | HONCHELL                        | SMITH    | WHEELER  | DAVIDSON | PRIEBE<br>Hutchinson    | ADEN<br>Marshall        | BAKER<br>Mankato         |
| 1980  | SIMON<br>S. St. Paul            | SMITH    | WHEELER  | DAVIDSON | ADEN<br>Marshall        | BAKER<br>Mankato        | HONCHELL<br>Roseville    |
| 1981  | KLEINSCHMIDT<br>Inver Gr. Hgts. | SMITH    | PETERSON | DAVIDSON | BAKER<br>Mankato        | HONCHELL<br>Roseville   | SIMON<br>S. St. Paul     |
| 1982  | KLEINSCHMIDT                    | HOSHAW   | PETERSON | DAVIDSON | HONCHELL<br>Roseville   | SIMON<br>S. St. Paul    | REIMER<br>Moorhead       |
| 1983  | KLEINSCHMIDT                    | HOSHAW   | PETERSON | DAVIDSON | SIMON<br>S. St. Paul    | REIMER<br>Moorhead      | SPURRIER<br>Shakopee     |
| 1984  | GATLIN<br>White Bear Lk.        | HOSHAW   | PETERSON | BERG     | REIMER<br>Moorhead      | SPURRIER<br>Shakopee    | ANDERSON<br>Prior Lake   |
| 1985  | GATLIN                          | HOSHAW   | PETERSON | CARLSON  | SPURRIER<br>Shakopee    | ANDERSON<br>Prior Lake  | SAFFERT<br>Mankato       |
| 1986  | GATLIN                          | HOSHAW   | PETERSON | CARLSON  | ANDERSON<br>Prior Lake  | SAFFERT<br>Mankato      | MOORE<br>Plymouth        |
| 1987  | SIGGERUD<br>Burnsville          | HOSHAW   | KUHFELD  | CARLSON  | SAFFERT<br>Mankato      | MOORE<br>Plymouth       | RUDRUD<br>Bloomington    |
| 1988  | SIGGERUD                        | HOSHAW   | KUHFELD  | CARLSON  | MOORE<br>Plymouth       | RUDRUD<br>Bloomington   | BULLERT<br>Northfield    |
| 1989  | SIGGERUD                        | HOSHAW   | KUHFELD  | LARSON   | RUDRUD<br>Bloomington   | BULLERT<br>Northfield   | GRUBE<br>St. Louis Park  |
| 1990  | HAIDER<br>Maplewood             | HOSHAW   | KUHFELD  | LARSON   | BULLERT<br>Northfield   | GRUBE<br>St. Louis Park | EDWARDS<br>Fergus Falls  |
| 1991  | HAIDER                          | HOSHAW   | KUHFELD  | LARSON   | GRUBE<br>St. Louis Park | EDWARDS<br>Fergus Falls | GRAY<br>Eden Prairie     |
| 1992  | HAIDER                          | HOSHAW   | KUHFELD  | LARSON   | EDWARDS<br>Fergus Falls | GRAY<br>Eden Prairie    | LARSON<br>Duluth         |
| 1993  | BACHMEIER<br>Oakdale            | SPURRIER | KUHFELD  | LARSON   | GRAY<br>Eden Prairie    | LARSON<br>Duluth        | SONNENBERG<br>Minnetonka |

**MINUTES  
SPRING MUNICIPAL STATE AID SCREENING COMMITTEE  
JUNE 7-8, 1993**

**I. SESSION 1**

The 1993 Spring Meeting, held at Madden's Resort, Brainerd, Minnesota, was called to order by Chairman Alan Gray at 1:08 p.m., Monday, June 7, 1993. Upon taking of the roll call, the following were noted to be present:

|  |                                    |                      |
|--|------------------------------------|----------------------|
| Chairman   | Alan Gray                          | Eden Prairie         |
| Vice Chairman and<br>First Class City<br>Secretary | Kenneth Larson<br>David Sonnenberg | Duluth<br>Minnetonka |
| District 1   | Jim Prusak                         | Cloquet              |
| District 2   | David Kildahl                      | Crookston            |
| District 3   | Sid Williamson                     | Sartell              |
| District 4   | Herb Reimer                        | Moorhead             |
| West Metro District                                | Larry Anderson                     | Prior Lake           |
| District 6   | Arnold Putnam                      | Owatonna             |
| District 7   | Ken Saffert                        | Mankato              |
| District 8   | Dale Swanson                       | Willmar              |
| East Metro District                                | Brian Bachmeier                    | Oakdale              |
| First Class City                                   | Bo Spurrier                        | Minneapolis          |
| First Class City                                   | Thomas Kuhfeld                     | St. Paul             |

**Mn/DOT Staff:**

|                   |   |
|-------------------|---|
| Dennis Carlson    | Director, Division of State Aid         |
| Julie Skallman    | Assistant State Aid Engineer            |
| Ken Straus        | Manager, Municipal State Aid Needs Unit |
| Ken Hoeschen      | Manager, County State Aid Needs Unit    |
| Bill Croke        | District 1 State Aid Engineer           |
| Lou Tassa         | District 2 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           |
| Elmer Morris      | Metro District State Aid Engineer       |

**Others:**

|               |                     |
|---------------|---------------------|
| Dave Kreager  | City of Duluth      |
| Dan Sabin     | City of Minneapolis |
| Don Aluni     | City of Minneapolis |
| Greg Peterson | City of St. Paul    |

Chairman Gray asked for a motion to accept Spurrier as the official substitute for Ramankutty Kannankutty representing the City of Minneapolis.

Motion: By Anderson, Second by Saffert to accept Spurrier as substitute representative for the City of Minneapolis.

Action: Motion carried.

A. Consideration of Minutes

Motion: By Swanson, Second by Kildahl to approve the minutes of the Fall Screening Committee Meeting.

Action: Motion carried.

B. Straus highlighted the recommended unit price changes as shown on page 16 of the 1993 Municipal Screening Committee Data Report. No action taken.

C. Needs Study Subcommittee

Straus reported that the Needs Study Subcommittee has made recommendations as follows:

1. Elimination of suburban design for needs purposes as noted on page 20.
2. Use of bridge reconditioning for needs purposes rather than bridge widening as indicated on page 66.
3. Increased maintenance needs by ten percent as indicated on page 69.
4. Increased railroad bridge needs prices from \$4,000 to \$5,000 per lineal foot for one track, and from \$3,000 to \$4,000 per lineal foot for each additional track.
5. Revise the storm sewer cost adjustment from \$62,000 to \$64,000, and regular storm sewer from \$199,500 to \$206,000.

The Committee also discussed the following issues:

1. Allowing Red Wing to place one-way streets on their system that would accrue needs based on one-half the mileage at a pavement width of 34 feet as indicated on page 71.
2. Changes to the language relating to one-way street mileage as indicated on page 75.

3. Reduction in needs for St. Paul one-way streets from 36 feet to 34 feet in width as indicated on page 93.
4. Discussion on removal of needs for curb and gutter repairs, roadway widening, and similar types of maintenance activities as indicated on page 73.
5. Discussion on allowing resurfacing needs based on the actual constructed width of a roadway even though it may be wider than required as indicated on page 74.
6. Inclusion of frontage road mileage as part of the local street system mileage as indicated on page 74.
7. Discussion of turn-back mileage and its eligibility for addition to municipalities MSAS system as indicated on page 74.
8. Discussion regarding one-way streets as to whether their full lengths or half lengths are counted against the 2,500 mile statewide limit on MSAS designations as indicated on page 76.

No action was taken on any of the items in the preceding two paragraphs.

D. Unencumbered Construction Fund Subcommittee

Straus and Subcommittee Chairman Bruce Bullert furnished handouts detailing methods of providing incentives to cities to maintain low unencumbered fund balances. The conclusion reached by the Subcommittee is that the present system offers incentives to encourage municipalities to carry low unencumbered fund balances. Discussion continued regarding more flexibility in reimbursement for preliminary engineering, off systems expenditures, maintenance expenditures including pavement management, population density as an additional factor, expansion of the MSAS system, and annual population adjustments.

The meeting was recessed at 4:00 p.m.

II. SESSION 2

A. Proposed Resolutions

The Committee discussed proposed resolution language as shown on pages 73-76 of the 1993 Municipal Screening Board Data Report.

1. Appointment to the Needs Study Subcommittee

The Committee felt that the proposed language change shown on page 73 which would result in the Screening Committee Chairman making the annual appointment to the Needs Study Subcommittee at the annual winter meeting of the City Engineers Association rather than the Spring Meeting was appropriate.

2. Construction Cutoff Date

The December 31 deadline for recording construction accomplishments for the purpose of establishing needs would be changed to reflect the project letting date rather than the date of project contract award as is now the case. Upon discussion, consensus of the Committee was that it should continue to be based on the contract award date.

3. Construction Accomplishments

The proposed language would result in needs being deducted for a 10-year period for any widening done with non-local funds. Additionally, needs for sidewalk and curb and gutter that may be constructed for the total length of a segment would be removed for a period of 20 years. Upon discussion, the Committee felt that these changes were appropriate.

4. Greater Than Minimum Width

There was consensus on the Committee that the proposed language which would allow resurfacing needs based on the constructed width of an MSA street, even though it may be wider than required, was appropriate.

5. Mileage

The Committee discussed the proposed language change on page 74 dealing with frontage roads and determined that it was not phrased as clearly as possible. Kildahl and Kuhfeld were directed to prepare substitute language to be considered at the next session.

The Committee discussed the language in the fourth paragraph of the mileage resolution which dealt with MSAS designation of trunk highway turn-backs. The Committee reached consensus on substitute language.

The proposed language change to the fifth paragraph of the mileage resolution removes superfluous language regarding routing of additional mileage requests or revisions between the District State Aid Engineer and the State Aid Engineer. The Committee was in concurrence with this proposed change.

6. Statute 162.09

The Committee discussed this statute which limits MSAS systems to cities with populations of 5,000 or greater and limits the total MSAS system to 2,500 miles, plus the mileage of all trunk highways reverted to local jurisdiction on or after July 1, 1965. The discussion focused on the disparity between growing communities whose excess turn-back mileage would eventually be absorbed into their 20 percent maximum and static communities who conceivably have mileage in excess of their 20 percent in perpetuity. No consensus was reached, and no action was taken.

7. One-way Street Mileage

The Committee discussed at length the issue of MSAS mileage with respect to one-way streets. Anderson was directed to develop language rescinding this resolution to be considered at the next session.

B. Unencumbered Fund Balances

Session 2 convened at 8:15 p.m., and discussion continued regarding unencumbered construction fund balances. Various methods of expediting project implementation that would result in balance reductions were discussed as follows:

1. Allowing reimbursement for preliminary engineering prior to or without contract award.
2. Allowing full reimbursement of all engineering costs and expenses related to right-of-way acquisition by changing the rules to eliminate the present ceilings.
3. Allowing informal staff appraisals as a basis for compensation for right-of-way acquisition where such acquisitions would not be large or complex.
4. Eliminate individual allocations to municipalities and allow cities to be reimbursed from the total construction fund balance on a "first come, first served" basis.
5. Allow cities to advance encumbered funds against the total unencumbered balance.
6. Allow agreements between cities to lend/borrow from municipalities with unencumbered funds available.



7. Provide each city with its full annual allocation, eliminating the project-by-project reimbursement system now in place, and audit each city's MSAS activities annually to assure that the funds are being properly utilized.
8. Set aside a predetermined portion of the total MSAS allocation for cities with zero balances to be distributed on a "first come, first served" basis or allow cities to compete for these funds in a manner similar to that employed for ISTEA projects.
9. Increase allowable mileage on the MSAS system from 20 percent to 25 percent.
10. Adjust city populations annually according to estimates provided by the State Demographer.

A great deal of discussion ensued regarding the methods suggested in the preceding paragraph, but no consensus was reached, and no action was taken.

C. Request from the City of Fridley (Letter from John Flora)

The Committee reviewed and discussed a letter received from Fridley City Engineer John Flora regarding problems he has encountered with variance committees. The letter addressed the following issues:

1. Composition of the Variance Committee with respect to metropolitan and out-state members.
2. Lack of direction and instruction provided to the members of the Variance Committee.
3. Consideration of variances from right-of-way standards as they may apply to older cities as opposed to developing communities.
4. Consideration of variances from horizontal and vertical alignment standards as they may be applied to older cities as opposed to developing communities.

The general thoughts of the Committee were as follows:

1. The composition of the Variance Committee is established without reference to metropolitan and out-state representation. It would be difficult to take geography into consideration without creating a much larger committee given that each variance committee must deal with requests from both metropolitan and out-state communities.

2. It may be possible to provide additional direction to members of the Committee in terms of what they can and cannot consider. It would also be helpful for the city engineer making the request to provide sufficient background in order to properly educate the members of the Variance Committee as to specific circumstances that necessitate the variance.
  3. Consideration could be given to eliminating the 60-foot minimum right-of-way width in older, more fully developed cities.
  4. Alignment standards should be considered on a case-by-case basis by the Variance Committee rather than developing different standards for different communities.
- D. The Committee also discussed the Ramsey County consolidation proposal which calls for significant jurisdictional transfers and requests that Ramsey County cities be allowed to add the mileage they would acquire onto their MSAS systems above and beyond the existing 20 percent limit. No action was taken on this item.

The evening session was adjourned at 10:27 p.m.

### III. SESSION 3

The Chairman called the meeting to order at 8:32 a.m.

#### A. Unit prices

Motion: By Kildahl, Second by Anderson to approve the units prices as recommended on page 16 of the 1993 Municipal Screening Board Data Report.

Action: Motion carried.

#### B. One-way Streets

Motion: By Spurrier, Second by Reimer to approve the Red Wing request shown on page 71 of the 1993 Municipal Screening Board Data Report as follows:

##### Resolution:

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

A one-way street will be treated as one-half of a full four lane width divided street of either 56 feet or 72 feet (72 feet when the projected adt is over 8,000) for needs, and that the roadway system must be operating as one-way streets prior to the time of designation.

Action: Motion carried.

C. Needs Study Subcommittee

Motion: By Williamson, Second by Saffert to approve the wording change recommended on page 73 of the 1993 Municipal Screening Board Data Report under "Appointment to the Needs Study Subcommittee" to read as follows:

The Screen 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 Engineers Association. The appointed subcommittee person shall serve as chairman of the subcommittee in the third year of the appointment.

Action: Motion carried.

D. Construction Cutoff Date

No action was taken to change the resolution language that would have established the letting date of contracts rather than the award date as the cutoff date for recording construction accomplishments to be used in needs determinations.

E. Construction Accomplishments

Motion: By Prusak, Second by Swanson to approve the language changes recommended on page 73 of the 1993 Municipal Screening Board Data Report to read as follows:

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 non-local cost of the bituminous resurfacing, concrete joint repair, or widened construction project, plus any items 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.

The Committee discussed the loss of needs for curb and gutter and sidewalk for periods of 10 years or 20 years over the length of the segment.

Motion: By Spurrier, Second by Kuhlfield to amend the motion to delete the word "non-local" and insert "State Aid."

Action: Motion carried.

Motion: By Williamson to amend the motion to delete "total" and add "significant" to the motion. Motion to amend died for lack of Second.

Motion: By Prusak, Second by Reimer to amend the motion to change the following phrase as noted, "...any items constructed that are..."

Action: Motion carried.

The Chairman called for a vote on the original motion as amended. The motion carried.

#### F. Greater Than Minimum Width

Motion: By Anderson, Second by Saffert to approve the language changes recommended on page 74 of the 1993 Municipal Screening Board Data Report to read as follows:

If a Municipal State Aid Street is constructed to a width wider than required, resurfacing needs will be allowed on the constructed width.

Action: Motion carried.

#### G. Mileage

Motion: By Kuhlfield, Second by Kildahl to approve the language changes to the mileage resolution as recommended on page 74 of the 1993 Municipal Screening Board Data Report with the exception that the recommended language in the first paragraph to be revised. The language changes under consideration read as follows:

The maximum mileage for Municipal State Aid Street designation shall be based on the Annual Certification of

Mileage current as of December 31 of the preceding year. Submittal of a supplementary certification during the year shall not be permitted. Frontage roads which are not designated as trunk highways, county state aid highways, or county roads shall be included in the local street mileage.

However, the maximum mileage for State Aid designation may be exceeded to the extent necessary to designate trunk highway turn-backs, only if sufficient mileage is not available as determined by the Annual Certification of Mileage.

Any mileage for designation prior to the trunk highway turn-back shall be used for the turn-back before exceeding the maximum mileage.

In the event the maximum mileage is exceeded by trunk highway turn-back, additional MSAS designations can be considered to the extent a city revokes MSAS mileage.

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 1, 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.

Action: Motion carried.

Motion: By Anderson, Second by Putnam to approve the recommended changes in the fifth paragraph under mileage on page 74 of the 1993 Municipal Screening Board Data Report. This motion was made subsequent to discussion regarding revisions to the amended language.

Action: Motion carried approving the changes as recommended on page 74.

#### H. One-Way Street Mileage

Motion: By Bachmeier, Second by Spurrier to rescind in its entirety the one-way street mileage resolution shown on pages 75 and 92 of the 1993 Municipal Screening Board Data Report.

**Motion:** By Saffert, Second by Swanson to continue this item to the fall meeting.

**Action:** Motion to continue carried.

**I. Unencumbered Construction Fund Subcommittee**

Bullert outlined the recommendations of the Unencumbered Construction Fund Subcommittee as shown on pages 77-86 of the 1993 Municipal Screening Board Data Report inclusive of replacement sheets and handouts.

The Committee recessed at 9:49 a.m. and reconvened at 10:14 a.m. with discussion resuming on the recommendations of the Unencumbered Construction Fund Subcommittee.

The discussion focused on potential changes that could be considered to encourage cities to use their available funds to implement necessary projects. Committee Members raised the following as potential incentives:

1. Penalty consisting of a reduction in allocation.
2. Penalty consisting of a reduction in needs.
3. Allowing communities with zero balances to borrow against the total state balance.
4. Confiscating excess balances and using to establish a fund that would be available on a first come, first served basis.

The Committee voiced general support for the Division of State Aid to draft proposed legislation that would redistribute allocations by reducing those to cities with large unencumbered balances and increasing allocations to cities who implement projects more effectively. The Chairman directed the Allocation Study and Unencumbered Construction Fund Subcommittees to meet jointly and report at the fall meeting on ways to implement projects and thus reduce balances.

**J. Division of State Aid Report**

Carlson reported on recent legislative action as follows:

1. Three million dollar bridge bonding bill passed for counties, cities, and townships.
2. 6.9 million dollars in bonding approved for the Bloomington Ferry Bridge.
3. The MnDOT budget was approved.



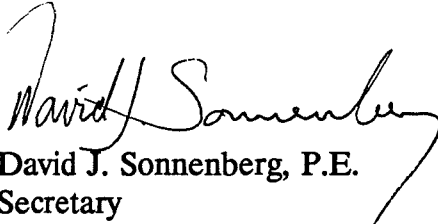
4. The bill providing for a 25 mph speed limit on local streets was approved by both Houses but vetoed by the Governor on the Commissioner's recommendation.
5. A bill slightly modifying the Wetland Conservation Act of 1991 was approved which slightly modifies wetland mitigation requirements with respect to maintenance.
6. The Retirement Incentive Bill for state employees was approved and is available to city and county employees as well.
7. The bill authorizing agreements between governments and private organizations for the construction and operation of toll roads was passed.
8. A bill was introduced to require county maintenance operations to be performed under the direction of a Professional Engineer. The law was revised last year to eliminate this requirement, but this year's attempt to reinstate the requirement did not pass.
9. A bill was passed that establishes a board consisting of the State Auditor, the Legislative Auditor, six legislators, the Commissioner of Finance, the Commissioner of Administration, and an administrative law judge who would hear requests to deviate from the requirements of existing laws and regulations was passed. It is conceivable that upon petition of a city or county, this board could vote to waive State Aid requirements.
10. The bill which would have increased the MSAS limit to 3,000 miles failed to pass.
11. A bill was introduced, but not passed, to lower the State Gasoline Tax to 18 cents and add a sales tax on gasoline in order to circumvent the constitutional distribution formula.
12. The staffing controls were removed from the Division of State Aid.
13. Funding was provided for a new state airplane.
14. A bill allowing logo signing to be permitted on metropolitan area freeways was approved.
15. A bill allowing county engineers certification on small bridge replacement (less than \$20,000) was approved which would allow State Aid reimbursement for such projects.

16. State agencies are now required to demonstrate that staff resources are unavailable before being able to use consultants.
  17. Senator Langseth's bill to increase funding for highways and transit was not approved.
  18. The bill to abolish the Department of Public Safety was not approved.
  19. The bill to consolidate state environmental agencies was not approved pending study.
  20. The Natural Preservation Route rules are now final.
  21. The Targeted Group Businesses rules are in the development process.
- K. The Chairman recognized Tom Drake and Bruce Bullert for their efforts respectively as Chairman of the Needs Study Subcommittee and the Unencumbered Construction Fund Subcommittee.
- L. Adjournment

Motion: By Swanson, Second by Putnam to adjourn the spring meeting.

Action: Motion carried, and the meeting was officially adjourned at 11:36 a.m.

Respectfully submitted,



David J. Sonnenberg, P.E.  
Secretary

## **NEEDS, MILEAGE, AND APPORTIONMENT**

**The amount to be allocated in 1994 is unknown at this time so an estimated amount of \$ 82,954,222 is used in this report. This a similar amount that was used for the 1993 apportionment. The actual amount will be announced in January 1994 when the Commissioner of Transportation makes a determination of the 1994 apportionment.**

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

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

**M.S.A.S. Mileage, Needs and Apportionment 1958 to 1994**

| Appt. Year | Number of Municipalities | Needs Mileage | Actual 25 Year Apportionment Needs | Apportionment | Accumulative Apportionment |
|------------|--------------------------|---------------|------------------------------------|---------------|----------------------------|
| 1958       | 58                       | 920.40        | \$190,373,337                      | \$7,286,074   | \$7,286,074                |
| 1959       | 59                       | 938.36        | 195,749,800                        | 8,108,428     | 15,394,502                 |
| 1960       | 59                       | 968.82        | 197,971,488                        | 8,370,596     | 23,765,098                 |
| 1961       | 77                       | 1131.78       | 233,276,540                        | 9,185,862     | 32,950,960                 |
| 1962       | 77                       | 1140.83       | 223,014,549                        | 9,037,698     | 41,988,658                 |
| 1963       | 77                       | 1161.06       | 221,458,428                        | 9,451,125     | 51,439,783                 |
| 1964       | 77                       | 1177.11       | 218,487,546                        | 10,967,128    | 62,406,911                 |
| 1965       | 77                       | 1208.81       | 218,760,538                        | 11,370,240    | 73,777,151                 |
| 1966       | 80                       | 1271.87       | 221,992,032                        | 11,662,274    | 85,439,425                 |
| 1967       | 80                       | 1309.93       | 212,065,299                        | 12,442,900    | 97,882,325                 |
| 1968       | 84                       | 1372.36       | 214,086,481                        | 14,287,775    | 112,170,100                |
| 1969       | 85                       | 1405.35       | 209,186,115                        | 15,121,277    | 127,291,377                |
| 1970       | 86                       | 1427.59       | 205,103,981                        | 16,490,064    | 143,781,441                |
| 1971       | 85                       | 1427.41       | 204,854,564                        | 18,090,833    | 161,872,274                |
| 1972       | 92                       | 1490.86       | 216,734,617                        | 18,338,440    | 180,210,714                |
| 1973       | 92                       | 1557.31       | 311,183,279                        | 18,648,610    | 198,859,324                |
| 1974       | 92                       | 1574.52       | 324,787,253                        | 21,728,373    | 220,587,697                |
| 1975       | 99                       | 1629.30       | 419,869,718                        | 22,841,302    | 243,428,999                |
| 1976       | 99                       | 1696.56       | 448,678,585                        | 22,793,386    | 266,222,385                |
| 1977       | 101                      | 1748.55       | 488,779,846                        | 27,595,966    | 293,818,351                |
| 1978       | 101                      | 1768.90       | 494,433,948                        | 27,865,892    | 321,684,243                |
| 1979       | 104                      | 1839.51       | 529,996,431                        | 30,846,555    | 352,530,798                |
| 1980       | 106                      | 1889.03       | 623,880,689                        | 34,012,618    | 386,543,416                |
| 1981       | 106                      | 1913.57       | 695,487,179                        | 35,567,962    | 422,111,378                |
| 1982       | 109                      | 1995.74       | 712,299,816                        | 42,032,978    | 464,144,356                |
| 1983       | 109                      | 2041.94       | 651,035,697                        | 46,306,272    | 510,450,628                |
| 1984       | 109                      | 2066.80       | 641,783,969                        | 48,735,190    | 559,185,818                |
| 1985       | 110                      | 2121.49       | 624,641,459                        | 56,875,174    | 616,060,992                |
| 1986       | 107                      | 2139.42       | 552,944,830                        | 59,097,819    | 675,158,811                |
| 1987       | 107                      | 2148.07       | 551,850,149                        | 53,101,745    | 728,260,556                |
| 1988       | 108                      | 2164.99       | 555,994,519                        | 58,381,022    | 786,641,578                |
| 1989       | 109                      | 2205.05       | 586,716,169                        | 76,501,442    | 863,143,020                |
| 1990       | 112                      | 2265.64       | 969,735,729                        | 81,517,107    | 944,660,127                |
| 1991       | 113                      | 2330.30       | 1,289,813,259                      | 79,773,732    | 1,024,433,859              |
| 1992       | 116                      | 2376.79       | 1,374,092,030                      | 81,109,752    | 1,105,543,611              |
| 1993       | 116                      | 2410.53       | 1,458,214,849                      | 82,954,222    | 1,107,388,081              |
| 1994       | 116                      | 2454.49       | 1,540,727,236                      | 82,954,222    | 1,188,497,833              |

The 1994 apportionment amount used in this report is the same as the 1993 apportionment.

**MSAS NEEDS MILEAGE COMPARISON**

| <b>Municipality</b> | <b>1992<br/>M.S.A.S.<br/>Needs<br/>Mileage</b> | <b>1993<br/>M.S.A.S.<br/>Needs<br/>Mileage</b> | <b>Difference<br/>In<br/>Mileage</b> | <b>Municipality</b> | <b>1992<br/>M.S.A.S.<br/>Needs<br/>Mileage</b> | <b>1993<br/>M.S.A.S.<br/>Needs<br/>Mileage</b> | <b>Difference<br/>In<br/>Mileage</b> |
|---------------------|--|--|--------------------------------------|---------------------|--|--|--------------------------------------|
| Albert Lea          | 17.51  | 18.65  | 1.14                                 | Fergus Falls        | 12.28  | 13.65  | 1.37                                 |
| Alexandria          | 11.89  | 12.08  | 0.19                                 | Forest Lake         | 3.69   | 3.69   | 0.00                                 |
| Andover             | 29.66  | 30.90  | 1.24                                 | Fridley             | 24.10  | 24.98  | 0.88                                 |
| Anoka               | 11.89  | 11.89  | 0.00                                 | Golden Valley       | 23.60  | 23.67  | 0.07                                 |
| Apple Valley        | 29.26  | 29.36  | 0.10                                 | Grand Rapids        | 10.36  | 10.36  | 0.00                                 |
| Arden Hills         | 5.41   | 5.41   | 0.00                                 | Ham Lake            | 19.92  | 19.97  | 0.05                                 |
| Austin              | 22.47  | 22.84  | 0.37                                 | Hastings            | 12.43  | 14.45  | 2.02                                 |
| Bemidji             | 14.41  | 14.36  | -0.05                                | Hermantown          | 12.99  | 12.99  | 0.00                                 |
| Blaine              | 31.33  | 32.00  | 0.67                                 | Hibbing             | 50.65  | 50.60  | -0.05                                |
| Bloomington         | 73.88  | 73.88  | 0.00                                 | Hopkins             | 9.41   | 9.35   | -0.06                                |
| Brainerd            | 14.19  | 14.30  | 0.11                                 | Hutchinson          | 10.58  | 11.16  | 0.58                                 |
| Brooklyn Center     | 21.30  | 21.30  | 0.00                                 | International Falls | 7.89   | 7.88   | -0.01                                |
| Brooklyn Park       | 38.45  | 38.45  | 0.00                                 | Inver Grove Heights | 19.03  | 19.03  | 0.00                                 |
| Buffalo             | 5.82   | 5.82   | 0.00                                 | Lake Elmo           | 9.53   | 9.53   | 0.00                                 |
| Burnsville          | 42.48  | 43.67  | 1.19                                 | Lakeville           | 34.46  | 36.82  | 2.36                                 |
| Cambridge           | 5.49   | 5.49   | 0.00                                 | Lino Lakes          | 15.12  | 15.70  | 0.58                                 |
| Champlin            | 14.44  | 15.16  | 0.72                                 | Litchfield          | 7.83   | 7.83   | 0.00                                 |
| Chanhassen          | 16.69  | 18.54  | 1.85                                 | Little Canada       | 5.30   | 5.30   | 0.00                                 |
| Chaska              | 12.32  | 12.32  | 0.00                                 | Little Falls        | 13.77  | 13.77  | 0.00                                 |
| Chisholm            | 6.93   | 6.93   | 0.00                                 | Mahtomedi           | 4.78   | 4.78   | 0.00                                 |
| Cloquet             | 18.02  | 18.02  | 0.00                                 | Mankato             | 25.94  | 25.94  | 0.00                                 |
| Columbia Heights    | 11.41  | 11.65  | 0.24                                 | Maple Grove         | 36.99  | 37.87  | 0.88                                 |
| Coon Rapids         | 38.51  | 38.51  | 0.00                                 | Maplewood           | 18.87  | 18.87  | 0.00                                 |
| Corcoran            | 13.11  | 13.81  | 0.70                                 | Marshall            | 10.22  | 10.22  | 0.00                                 |
| Cottage Grove       | 26.66  | 28.04  | 1.38                                 | Mendota Heights     | 10.47  | 11.66  | 1.19                                 |
| Crookston           | 10.84  | 10.84  | 0.00                                 | Minneapolis         | 187.63   | 187.15   | -0.48                                |
| Crystal             | 17.88  | 17.88  | 0.00                                 | Minnetonka          | 49.78  | 49.70  | -0.08                                |
| Detroit Lakes       | 9.01   | 9.01   | 0.00                                 | Montevideo          | 8.01   | 8.01   | 0.00                                 |
| Duluth              | 90.26  | 90.30  | 0.04                                 | Monticello          | 5.30   | 5.99   | 0.69                                 |
| Eagan               | 40.64  | 42.47  | 1.83                                 | Moorhead            | 24.59  | 25.47  | 0.88                                 |
| East Bethel         | 21.73  | 22.64  | 0.91                                 | Morris              | 6.45   | 6.45   | 0.00                                 |
| East Grand Forks    | 10.82  | 10.82  | 0.00                                 | Mound               | 8.01   | 8.01   | 0.00                                 |
| Eden Prairie        | 37.40  | 37.61  | 0.21                                 | Mounds View         | 7.24   | 7.24   | 0.00                                 |
| Edina               | 38.95  | 38.95  | 0.00                                 | New Brighton        | 13.46  | 13.46  | 0.00                                 |
| Elk River           | 20.96  | 22.67  | 1.71                                 | New Hope            | 12.36  | 12.37  | 0.01                                 |
| Fairmont            | 17.38  | 17.38  | 0.00                                 | New Ulm             | 14.13  | 14.13  | 0.00                                 |
| Falcon Heights      | 2.54   | 2.54   | 0.00                                 | Northfield          | 10.11  | 10.11  | 0.00                                 |
| Faribault           | 18.61  | 18.76  | 0.15                                 | North Mankato       | 10.15  | 10.15  | 0.00                                 |
| Farmington          | 6.89   | 7.31   | 0.42                                 | North St. Paul      | 8.14   | 8.14   | 0.00                                 |

| <b>Municipality</b> | <b>1992<br/>M.S.A.S.<br/>Needs<br/>Mileage</b> | <b>1993<br/>M.S.A.S.<br/>Needs<br/>Mileage</b> | <b>Difference<br/>In<br/>Mileage</b> |
|---------------------|--|--|--------------------------------------|
| Oakdale             | 15.24  | 14.78  | -0.46                                |
| Orono               | 12.10  | 11.44  | -0.66                                |
| Otsego              | 12.33  | 12.90  | 0.57                                 |
| Owatonna            | 17.48  | 17.51  | 0.03                                 |
| Plymouth            | 45.23  | 46.33  | 1.10                                 |
| Prior Lake          | 12.56  | 13.08  | 0.52                                 |
| Ramsey              | 25.02  | 28.20  | 3.18                                 |
| Red Wing            | 20.28  | 21.11  | 0.83                                 |
| Richfield           | 26.17  | 26.17  | 0.00                                 |
| Robbinsdale         | 10.33  | 10.34  | 0.01                                 |
| Rochester           | 45.10  | 48.79  | 3.69                                 |
| Rosemount           | 16.45  | 17.41  | 0.96                                 |
| Roseville           | 22.38  | 22.78  | 0.40                                 |
| St. Anthony         | 5.18   | 5.18   | 0.00                                 |
| St. Cloud           | 35.24  | 35.09  | -0.15                                |
| St. Louis Park      | 24.86  | 25.73  | 0.87                                 |
| St. Paul            | 156.95   | 156.91   | -0.04                                |
| St. Peter           | 8.93   | 9.59   | 0.66                                 |
| Sartell             | 4.00   | 4.00   | 0.00                                 |
| Sauk Rapids         | 8.66   | 8.73   | 0.07                                 |
| Savage              | 12.47  | 13.67  | 1.20                                 |
| Shakopee            | 15.15  | 16.05  | 0.90                                 |
| Shoreview           | 13.79  | 13.93  | 0.14                                 |
| Shorewood           | 9.29   | 9.29   | 0.00                                 |
| South St. Paul      | 14.33  | 14.33  | 0.00                                 |
| Spring Lake Park    | 4.98   | 4.98   | 0.00                                 |
| Stillwater          | 12.31  | 12.84  | 0.53                                 |
| Thief River Falls   | 11.39  | 11.45  | 0.06                                 |
| Vadnais Heights     | 5.59   | 6.49   | 0.90                                 |
| Virginia            | 12.33  | 12.33  | 0.00                                 |
| Waite Park          | 3.57   | 4.46   | 0.89                                 |
| Waseca              | 6.31   | 6.31   | 0.00                                 |
| West St. Paul       | 11.62  | 11.62  | 0.00                                 |
| White Bear Lake     | 18.07  | 18.34  | 0.27                                 |
| Willmar             | 23.30  | 23.30  | 0.00                                 |
| Winona              | 19.60  | 19.62  | 0.02                                 |
| Woodbury            | 29.13  | 30.60  | 1.47                                 |
| Worthington         | 9.80   | 9.80   | 0.00                                 |
| <b>TOTAL</b>        | <b>2410.53</b>                                 | <b>2454.49</b>                                 | <b>43.96</b>                         |



# **Theoretical 1994 M.S.A.S. Population Apportionment**

**The 1990 Federal Census is used in determining the city's Population Apportionment. Adjustments to the population total due to a special U.S. Census shall remain in effect until the next Federal Census is completed and filed.**

**Whenever an area is annexed or detached, the population of the city will be adjusted (added or subtracted) from the last U.S Census total until the next Federal Census is completed and filed. The population change must be included on the Municipal Board's finding.**

**The following city population was adjusted due to annexations or detachments.**

**Forest Lake + 175.**

**The final population data will be certified December 31, 1993 by the State Demographer and the actual apportionment sum available to urban municipalities in 1994 will be provided by the Office of Finance and Accounting in January of 1994.**

**Fifty percent of the total sum is distributed on a prorated share that each city population bears to the total population. Each city earned approximately \$14.77 per capita in apportionment from the 1993 population apportionment distribution. This projection will be somewhat revised when the actual revenue for the 1994 apportionment becomes available or if additional cities should exceed 5,000 population prior to January 1, 1994.**

## **THEORETICAL 1994 POPULATION APPORTIONMENT**

(The allocation per each person equals approximately \$14.77)

Pursuant to Minnesota Statutes Chapter 162.13, Subdivision 1 (2) which reads as follows: "An amount equal to 50 percent of such apportionment sum shall be apportioned among the cities having a population of 5,000 or more so that each such city shall receive of such amount the percentage that its population bears to the total population of all such cities."

The 1990 Federal Census is used in determining the cities population apportionment. Adjustments to the population total due to a special U.S. Census shall remain in effect until the next Federal Census is completed and filed.

Whenever an area is annexed or detached, the population of the city will be adjusted (added or subtracted) from the last U.S. census total until the next Federal census is completed and filed.

| <b>Municipalities</b>  | <b>Population</b> | <b>Population<br/>Apportionment</b> |
|------------------------|-------------------|-------------------------------------|
| <b>Albert Lea</b>      | 18,310            | \$270,368                           |
| <b>Alexandria</b>      | 8,029             | 118,557                             |
| <b>Andover</b>         | 15,216            | 224,681                             |
| <b>Anoka</b>           | 17,192            | 253,859                             |
| <b>Apple Valley</b>    | 34,598            | 510,878                             |
| <b>Arden Hills</b>     | 9,199             | 135,834                             |
| <b>Austin</b>          | 21,916            | 323,614                             |
| <b>Bemidji</b>         | 11,165            | 164,864                             |
| <b>Blaine</b>          | 38,975            | 575,509                             |
| <b>Bloomington</b>     | 86,335            | 1,274,833                           |
| <b>Brainerd</b>        | 12,353            | 182,406                             |
| <b>Brooklyn Center</b> | 28,887            | 426,549                             |
| <b>Brooklyn Park</b>   | 56,381            | 832,529                             |
| <b>Buffalo</b>         | 6,856             | 101,237                             |
| <b>Burnsville</b>      | 51,288            | 757,325                             |
| <b>Cambridge</b>       | 5,098             | 75,278                              |
| <b>Champlin</b>        | 16,849            | 248,794                             |
| <b>Chanhassen</b>      | 11,732            | 173,236                             |
| <b>Chaska</b>          | 11,339            | 167,433                             |
| <b>Chisholm</b>        | 5,290             | 78,113                              |
| <b>Cloquet</b>         | 10,885            | 160,729                             |

| <b>Municipalities</b> | <b>Population</b> | <b>Population Apportionment</b> |
|-----------------------|-------------------|---------------------------------|
| Columbia Heights      | 18,910            | \$279,227                       |
| Coon Rapids           | 52,978            | 782,279                         |
| Corcoran              | 5,199             | 76,769                          |
| Cottage Grove         | 22,935            | 338,661                         |
| Crookston             | 8,119             | 119,886                         |
| Crystal               | 23,788            | 351,256                         |
| Detroit Lakes         | 7,145             | 105,504                         |
| Duluth                | 85,493            | 1,262,400                       |
| Eagan                 | 47,409            | 700,047                         |
| East Bethel           | 8,050             | 118,867                         |
| East Grand Forks      | 8,658             | 127,845                         |
| Eden Prairie          | 39,311            | 580,471                         |
| Edina                 | 46,075            | 680,349                         |
| Elk River             | 11,143            | 164,539                         |
| Fairmont              | 11,265            | 166,340                         |
| Falcon Heights        | 5,380             | 79,442                          |
| Faribault             | 17,090            | 252,353                         |
| Farmington            | 5,940             | 87,711                          |
| Fergus Falls          | 12,362            | 182,539                         |
| Forest Lake           | 6,008             | 88,715                          |
| Fridley               | 28,335            | 418,398                         |
| Golden Valley         | 20,971            | 309,660                         |
| Grand Rapids          | 7,976             | 117,775                         |
| Ham Lake              | 8,924             | 131,773                         |
| Hastings              | 15,478            | 228,550                         |
| Hermantown            | 6,761             | 99,834                          |
| Hibbing               | 18,046            | 266,469                         |
| Hopkins               | 16,529            | 244,069                         |
| Hutchinson            | 11,459            | 169,205                         |
| International Falls   | 8,301             | 122,574                         |
| Inver Grove Heights   | 22,477            | 331,898                         |
| Lake Elmo             | 5,877             | 86,780                          |
| Lakeville             | 24,854            | 366,997                         |
| Lino Lakes            | 8,807             | 130,045                         |
| Litchfield            | 6,041             | 89,202                          |
| Little Canada         | 8,971             | 132,467                         |

| <b>Municipalities</b> | <b>Population</b> | <b>Population Apportionment</b> |
|-----------------------|-------------------|---------------------------------|
| Little Falls          | 7,374             | \$108,885                       |
| Mahtomedi             | 5,633             | 83,178                          |
| Mankato               | 31,405            | 463,730                         |
| Maple Grove           | 38,736            | 571,980                         |
| Maplewood             | 30,954            | 457,070                         |
| Marshall              | 12,023            | 177,533                         |
| Mendota Heights       | 9,388             | 138,624                         |
| Minneapolis           | 368,383           | 5,439,587                       |
| Minnetonka            | 48,370            | 714,237                         |
| Montevideo            | 5,499             | 81,199                          |
| Monticello            | 5,045             | 74,495                          |
| Moorhead              | 32,295            | 476,872                         |
| Morris                | 5,613             | 82,882                          |
| Mound                 | 9,634             | 142,257                         |
| Mounds View           | 12,541            | 185,182                         |
| New Brighton          | 22,207            | 327,911                         |
| New Hope              | 21,853            | 322,684                         |
| New Ulm               | 13,132            | 193,909                         |
| Northfield            | 14,684            | 216,826                         |
| North Mankato         | 10,662            | 157,436                         |
| North St. Paul        | 12,376            | 182,745                         |
| Oakdale               | 18,400            | 271,697                         |
| Orono                 | 7,285             | 107,571                         |
| Otsego                | 5,219             | 77,064                          |
| Owatonna              | 19,386            | 286,256                         |
| Plymouth              | 50,889            | 751,433                         |
| Prior Lake            | 11,482            | 169,545                         |
| Ramsey                | 12,408            | 183,218                         |
| Red Wing              | 15,134            | 223,470                         |
| Richfield             | 35,710            | 527,298                         |
| Robbinsdale           | 14,396            | 212,573                         |
| Rochester             | 70,997            | 1,048,350                       |
| Rosemount             | 8,622             | 127,313                         |
| Roseville             | 33,485            | 494,443                         |
| St. Anthony           | 7,727             | 114,098                         |
| St. Cloud             | 48,812            | 720,764                         |

| Municipalities    | Population       | Population Apportionment |
|-------------------|------------------|--------------------------|
| St. Louis Park    | 43,787           | \$646,564                |
| St. Paul          | 272,235          | 4,019,854                |
| St. Peter         | 9,481            | 139,998                  |
| Sartell           | 5,409            | 79,870                   |
| Sauk Rapids       | 7,825            | 115,545                  |
| Savage            | 9,906            | 146,273                  |
| Shakopee          | 11,739           | 173,339                  |
| Shoreview         | 24,587           | 363,055                  |
| Shorewood         | 5,917            | 87,371                   |
| South St. Paul    | 20,197           | 298,231                  |
| Spring Lake Park  | 6,532            | 96,452                   |
| Stillwater        | 13,882           | 204,983                  |
| Thief River Falls | 8,010            | 118,277                  |
| Vadnais Heights   | 11,041           | 163,033                  |
| Virginia          | 9,410            | 138,949                  |
| Waite Park        | 5,026            | 74,215                   |
| Waseca            | 8,385            | 123,814                  |
| West St. Paul     | 19,248           | 284,218                  |
| White Bear Lake   | 24,622           | 363,571                  |
| Willmar           | 17,531           | 258,865                  |
| Winona            | 25,399           | 375,045                  |
| Woodbury          | 20,075           | 296,430                  |
| Worthington       | 9,977            | 147,322                  |
| <b>TOTAL</b>      | <b>2,808,938</b> | <b>\$41,477,111</b>      |

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

$$\begin{array}{rcl}
 & \$41,477,111 & \\
 \text{-----} & & \\
 & 2,808,938 & \\
 \text{Equals} & & \$14.766118369 \text{ per person}
 \end{array}$$

## **1993 Needs Study Update**

**The following tabulation reflects the total difference between the 1992 and the 1993 25-year money needs studies. This update was accomplished in three individual steps to measure the effect each type of revision has to the total needs.**

- 1. Accomplishments and system revisions -- includes needs updating and needs of new designations for which resolutions were received by May 1.**
- 2. 1993 Unit Cost Revisions -- measures the effect between last years unit prices to the unit prices approved by the Screening Board at the 1993 Spring Meeting.**
- 3. 1993 Traffic Count Update -- is the result of the remaining 1991 traffic counts updated in 1993. Since no 1992 traffic counts were received, none were updated.**

**Revisions were made to the following needs study unit prices:**

|   |                                 |
|---|---------------------------------|
| <b>Tree Removal</b>                     | <b>+ \$ 25.00 per tree</b>      |
| <b>Base Class 5</b>                     | <b>+ \$ .25 per ton</b>         |
| <b>Sidewalk Construction</b>            | <b>+ \$ .50 per sq. yd.</b>     |
| <b>Storm Sewer Construction</b>         | <b>+ \$ 6500.00 per mile</b>    |
| <b>Storm Sewer Adjustment</b>           | <b>+ \$ 2000.00 per mile</b>    |
| <b>Bridges 150' to 499'</b>             | <b>- \$ 5.00 per sq. ft.</b>    |
| <b>Bridges 500' and Over</b>            | <b>- \$ 10.00 per sq. ft.</b>   |
| <b>Railroad Bridges over Highways-1</b> | <b>+ \$ 1000.00 per lin ft.</b> |
| <b>Track</b>                            |                                 |
| <b>Each Additional Track</b>            | <b>+ \$ 1000.00 per lin ft.</b> |
| <b>Maintenance Needs</b>                | <b>Various Increases</b>        |

**The resulting 1993 25-year Construction Needs as adjusted in the "Tentative Determination of Money Needs Apportionment " will be used in computing the 1994 money needs apportionment.**



# 1993 M.S.A.S. NEEDS STUDY UPDATE

| Municipality     | 1992<br>Money<br>Needs | Traffic<br>Update | Accomplish.<br>& System<br>Revisions | Unit Cost<br>Update | 1993<br>Money<br>Needs | Net<br>Change | % Change<br>1992 to<br>1993 |
|------------------|------------------------|-------------------|--------------------------------------|---------------------|------------------------|---------------|-----------------------------|
| Albert Lea       | \$10,461,380           | \$0               | \$791,855                            | \$95,928            | \$11,349,163           | \$887,783     | 8.4863                      |
| Alexandria       | 7,353,634              | 0                 | 180,992                              | 94,961              | 7,629,587              | 275,953       | 3.7526                      |
| Andover          | 13,288,708             | 0                 | 264,447                              | 233,658             | 13,786,813             | 498,105       | 3.7483                      |
| Anoka            | 5,742,552              | 0                 | 0                                    | 88,340              | 5,830,892              | 88,340        | 1.5383                      |
| Apple Valley     | 13,739,041             | 0                 | 259,716                              | 209,148             | 14,207,905             | 468,864       | 3.4126                      |
| Arden Hills      | 2,205,099              | 0                 | 275,728                              | 41,901              | 2,522,728              | 317,629       | 14.4043                     |
| Austin           | 16,666,074             | 0                 | (167,118)                            | 415,409             | 16,914,365             | 248,291       | 1.4898                      |
| Bemidji          | 9,072,482              | 0                 | (240,537)                            | 45,556              | 8,877,501              | (194,981)     | -2.1491                     |
| Blaine           | 18,329,448             | 80,635            | 440,348                              | 298,570             | 19,149,001             | 819,553       | 4.4712                      |
| Bloomington      | 61,629,186             | (922,618)         | (1,536,896)                          | 727,406             | 59,897,078             | (1,732,108)   | -2.8105                     |
| Brainerd         | 5,742,330              | 0                 | (110,378)                            | 59,062              | 5,691,014              | (51,316)      | -0.8936                     |
| Brooklyn Center  | 12,923,945             | 0                 | (338,546)                            | 161,449             | 12,746,848             | (177,097)     | -1.3703                     |
| Brooklyn Park    | 16,229,063             | 25,488            | 1,451,898                            | 237,327             | 17,943,776             | 1,714,713     | 10.5657                     |
| Buffalo          | 4,216,332              | 0                 | 101,899                              | 45,023              | 4,363,254              | 146,922       | 3.4846                      |
| Burnsville       | 18,228,965             | 0                 | 857,347                              | 207,430             | 19,293,742             | 1,064,777     | 5.8411                      |
| Cambridge        | 4,431,740              | 177               | 0                                    | (7,101)             | 4,424,816              | (6,924)       | -0.1562                     |
| Champlin         | 4,905,332              | 0                 | 510,236                              | 84,776              | 5,500,344              | 595,012       | 12.1299                     |
| Chanhassen       | 8,158,820              | 0                 | 4,027,756                            | 148,705             | 12,335,281             | 4,176,461     | 51.1895                     |
| Chaska           | 8,784,565              | 0                 | 826,818                              | 153,546             | 9,764,929              | 980,364       | 11.1601                     |
| Chisholm         | 3,750,220              | (1,136)           | (114,224)                            | 50,689              | 3,685,549              | (64,671)      | -1.7245                     |
| Cloquet          | 11,542,202             | 0                 | 0                                    | 155,968             | 11,698,170             | 155,968       | 1.3513                      |
| Columbia Heights | 6,820,813              | 0                 | 590,016                              | 69,285              | 7,480,114              | 659,301       | 9.6660                      |
| Coon Rapids      | 15,918,463             | 0                 | (255,040)                            | 593,561             | 16,256,984             | 338,521       | 2.1266                      |
| Corcoran         | 5,678,642              | 0                 | (122,882)                            | 84,841              | 5,640,601              | (38,041)      | -0.6699                     |
| Cottage Grove    | 14,692,539             | 0                 | 1,107,065                            | 392,319             | 16,191,923             | 1,499,384     | 10.2051                     |
| Crookston        | 5,583,120              | 0                 | 4,128,470                            | 819,418             | 10,531,008             | 4,947,888     | 88.6223                     |
| Crystal          | 9,980,306              | 0                 | 2,847,409                            | 191,571             | 13,019,286             | 3,038,980     | 30.4498                     |

| Municipality        | 1992<br>Money<br>Needs | Traffic<br>Update | Accomplish.<br>& System<br>Revisions | Unit Cost<br>Update | 1993<br>Money<br>Needs | Net<br>Change | % Change<br>1992 to<br>1993 |
|---------------------|------------------------|-------------------|--------------------------------------|---------------------|------------------------|---------------|-----------------------------|
| Detroit Lakes       | \$3,666,183            | \$0               | \$61,461                             | \$47,050            | \$3,774,694            | \$108,511     | 2.9598                      |
| Duluth              | 63,564,381             | 0                 | (552,439)                            | 1,238,582           | 64,250,524             | 686,143       | 1.0794                      |
| Eagan               | 15,810,384             | 0                 | (1,246,311)                          | 168,125             | 14,732,198             | (1,078,186)   | -6.8195                     |
| East Bethel         | 3,530,512              | 258               | 326,015                              | 24,044              | 3,880,829              | 350,317       | 9.9226                      |
| East Grand Forks    | 3,351,999              | 0                 | 830,830                              | 37,123              | 4,219,952              | 867,953       | 25.8936                     |
| Eden Prairie        | 21,647,155             | 0                 | (23,255)                             | 262,030             | 21,885,930             | 238,775       | 1.1030                      |
| Edina               | 21,004,490             | (240)             | 0                                    | 236,176             | 21,240,426             | 235,936       | 1.1233                      |
| Elk River           | 8,742,934              | 131,857           | 1,585,139                            | 153,841             | 10,613,771             | 1,870,837     | 21.3983                     |
| Fairmont            | 11,946,243             | 0                 | 4,217,944                            | 233,511             | 16,397,698             | 4,451,455     | 37.2624                     |
| Falcon Heights      | 366,164                | 0                 | 0                                    | 2,559               | 368,723                | 2,559         | 0.6989                      |
| Faribault           | 11,687,972             | 0                 | 431,703                              | 209,036             | 12,328,711             | 640,739       | 5.4820                      |
| Farmington          | 7,611,146              | 0                 | (1,950,760)                          | 79,565              | 5,739,951              | (1,871,195)   | -24.5849                    |
| Fergus Falls        | 7,610,057              | (40,697)          | 935,202                              | (31,667)            | 8,472,895              | 862,838       | 11.3381                     |
| Forest Lake         | 2,789,215              | 0                 | (261,829)                            | 36,435              | 2,563,821              | (225,394)     | -8.0809                     |
| Fridley             | 9,918,101              | 0                 | (27,757)                             | 113,295             | 10,003,639             | 85,538        | 0.8624                      |
| Golden Valley       | 14,727,154             | 0                 | (1,126,261)                          | 256,311             | 13,857,204             | (869,950)     | -5.9071                     |
| Grand Rapids        | 5,023,023              | 0                 | (58,542)                             | 59,064              | 5,023,545              | 522           | 0.0104                      |
| Ham Lake            | 3,723,030              | 0                 | (114,920)                            | 32,303              | 3,640,413              | (82,617)      | -2.2191                     |
| Hastings            | 4,197,097              | 116,930           | 1,576,255                            | 80,109              | 5,970,391              | 1,773,294     | 42.2505                     |
| Hermantown          | 5,854,971              | (66,225)          | 0                                    | 73,736              | 5,862,482              | 7,511         | 0.1283                      |
| Hibbing             | 24,878,305             | 95,188            | (3,197,947)                          | 241,292             | 22,016,838             | (2,861,467)   | -11.5019                    |
| Hopkins             | 6,375,116              | (163,623)         | 516,486                              | 86,122              | 6,814,101              | 438,985       | 6.8859                      |
| Hutchinson          | 5,393,559              | 0                 | 2,284,958                            | 138,962             | 7,817,479              | 2,423,920     | 44.9410                     |
| International Falls | 5,077,574              | 0                 | (503,234)                            | 60,281              | 4,634,621              | (442,953)     | -8.7237                     |
| Inver Grove Heights | 8,058,586              | 0                 | (5,783)                              | 111,913             | 8,164,716              | 106,130       | 1.3170                      |
| Lake Elmo           | 2,880,283              | 38,227            | 2,800                                | 39,385              | 2,960,695              | 80,412        | 2.7918                      |
| Lakeville           | 21,110,347             | (7,212)           | (541,958)                            | 276,185             | 20,837,362             | (272,985)     | -1.2931                     |
| Lino Lakes          | 7,197,774              | 159               | 972,591                              | 101,403             | 8,271,927              | 1,074,153     | 14.9234                     |
| Litchfield          | 3,484,411              | 9,010             | 1,250,416                            | 83,114              | 4,826,951              | 1,342,540     | 38.5299                     |
| Little Canada       | 2,919,204              | 0                 | 445,222                              | 171,323             | 3,535,749              | 616,545       | 21.1203                     |

| Municipality    | 1992<br>Money<br>Needs | Traffic<br>Update | Accomplish.<br>& System<br>Revisions | Unit Cost<br>Update | 1993<br>Money<br>Needs | Net<br>Change | % Change<br>1992 to<br>1993 |
|-----------------|------------------------|-------------------|--------------------------------------|---------------------|------------------------|---------------|-----------------------------|
| Little Falls    | \$6,671,207            | \$0               | (\$187,705)                          | \$90,900            | \$6,574,402            | (\$96,805)    | -1.4511                     |
| Mahtomedi       | 1,887,844              | 0                 | 0                                    | 24,506              | 1,912,350              | 24,506        | 1.2981                      |
| Mankato         | 16,839,482             | 0                 | 1,625,868                            | 177,296             | 18,642,646             | 1,803,164     | 10.7080                     |
| Maple Grove     | 20,732,017             | 0                 | 2,607,554                            | 333,547             | 23,673,118             | 2,941,101     | 14.1863                     |
| Maplewood       | 10,577,552             | 0                 | 1,123,378                            | 147,711             | 11,848,641             | 1,271,089     | 12.0169                     |
| Marshall        | 3,325,902              | 0                 | (270,166)                            | 30,504              | 3,086,240              | (239,662)     | -7.2059                     |
| Mendota Heights | 4,288,256              | (46,672)          | 500,490                              | 59,719              | 4,801,793              | 513,537       | 11.9754                     |
| Minneapolis     | 174,488,480            | 494,996           | 8,033,063                            | 6,471,300           | 189,487,839            | 14,999,359    | 8.5962                      |
| Minnnetonka     | 27,547,063             | 0                 | (360,162)                            | 391,204             | 27,578,105             | 31,042        | 0.1127                      |
| Montevideo      | 3,785,229              | 0                 | 253,142                              | 59,331              | 4,097,702              | 312,473       | 8.2551                      |
| Monticello      | 3,073,266              | 0                 | 416,237                              | 48,423              | 3,537,926              | 464,660       | 15.1194                     |
| Moorhead        | 13,134,069             | 0                 | 1,275,987                            | 122,837             | 14,532,893             | 1,398,824     | 10.6503                     |
| Morris          | 2,371,993              | 0                 | 0                                    | 26,888              | 2,398,881              | 26,888        | 1.1336                      |
| Mound           | 3,466,248              | 34,035            | 997                                  | 39,546              | 3,540,826              | 74,578        | 2.1515                      |
| Mounds View     | 2,255,139              | (46,725)          | 0                                    | 13,378              | 2,221,792              | (33,347)      | -1.4787                     |
| New Brighton    | 6,940,761              | 0                 | 167,349                              | 48,283              | 7,156,393              | 215,632       | 3.1067                      |
| New Hope        | 8,145,909              | 0                 | 924,759                              | 240,507             | 9,311,175              | 1,165,266     | 14.3049                     |
| New Ulm         | 7,786,010              | 0                 | (104,166)                            | 228,382             | 7,910,226              | 124,216       | 1.5954                      |
| Northfield      | 7,176,261              | 0                 | 29,970                               | 88,451              | 7,294,682              | 118,421       | 1.6502                      |
| North Mankato   | 5,533,344              | 0                 | 119,803                              | 70,361              | 5,723,508              | 190,164       | 3.4367                      |
| North St. Paul  | 3,683,007              | 49,102            | 44,236                               | 51,419              | 3,827,764              | 144,757       | 3.9304                      |
| Oakdale         | 7,792,006              | 0                 | 185,924                              | 113,347             | 8,091,277              | 299,271       | 3.8407                      |
| Orono           | 7,454,286              | 0                 | 1,624,253                            | 157,819             | 9,236,358              | 1,782,072     | 23.9067                     |
| Otsego          | 8,269,909              | 0                 | (49,798)                             | 119,442             | 8,339,553              | 69,644        | 0.8421                      |
| Owatonna        | 11,122,658             | 200,925           | 525,235                              | 412,363             | 12,261,181             | 1,138,523     | 10.2361                     |
| Plymouth        | 21,773,501             | 0                 | 3,073,121                            | 265,152             | 25,111,774             | 3,338,273     | 15.3318                     |
| Prior Lake      | 6,835,524              | (46,608)          | 548,259                              | 118,083             | 7,455,258              | 619,734       | 9.0664                      |
| Ramsey          | 8,498,600              | 0                 | 1,489,995                            | 144,666             | 10,133,261             | 1,634,661     | 19.2345                     |
| Red Wing        | 12,913,128             | 0                 | 1,065,146                            | 192,835             | 14,171,109             | 1,257,981     | 9.7419                      |
| Richfield       | 16,104,700             | 3,078             | 1,709,018                            | 226,744             | 18,043,540             | 1,938,840     | 12.0390                     |

| Municipality      | 1992<br>Money<br>Needs | Traffic<br>Update | Accomplish.<br>& System<br>Revisions | Unit Cost<br>Update | 1993<br>Money<br>Needs | Net<br>Change       | % Change<br>1992 to<br>1993 |
|-------------------|------------------------|-------------------|--------------------------------------|---------------------|------------------------|---------------------|-----------------------------|
| Robbinsdale       | \$5,649,671            | \$0               | (\$173,914)                          | (\$53,039)          | \$5,422,718            | (\$226,953)         | -4.0171                     |
| Rochester         | 33,792,718             | 0                 | 1,744,100                            | 211,199             | 35,748,017             | 1,955,299           | 5.7862                      |
| Rosemount         | 10,085,412             | 21,228            | 348,597                              | 142,235             | 10,597,472             | 512,060             | 5.0772                      |
| Roseville         | 6,615,154              | (11,138)          | 790,804                              | 78,136              | 7,472,956              | 857,802             | 12.9672                     |
| St. Anthony       | 1,526,547              | 59,697            | 1,534,283                            | 33,840              | 3,154,367              | 1,627,820           | 106.6341                    |
| St. Cloud         | 17,243,033             | 71,892            | (980,311)                            | 188,278             | 16,522,892             | (720,141)           | -4.1764                     |
| St. Louis Park    | 13,264,920             | 0                 | 398,822                              | 268,769             | 13,932,511             | 667,591             | 5.0328                      |
| St. Paul          | 158,897,009            | 184,707           | (1,992,615)                          | 1,159,302           | 158,248,403            | (648,606)           | -0.4082                     |
| St. Peter         | 3,553,945              | 0                 | 2,685,347                            | 91,214              | 6,330,506              | 2,776,561           | 78.1262                     |
| Sartell           | 2,725,358              | 0                 | 0                                    | 50,075              | 2,775,433              | 50,075              | 1.8374                      |
| Sauk Rapids       | 4,753,615              | 0                 | 38,506                               | 61,224              | 4,853,345              | 99,730              | 2.0980                      |
| Savage            | 10,246,168             | 0                 | 1,895,879                            | 282,364             | 12,424,411             | 2,178,243           | 21.2591                     |
| Shakopee          | 8,978,212              | 0                 | 209,433                              | 100,065             | 9,287,710              | 309,498             | 3.4472                      |
| Shoreview         | 4,801,361              | 11,501            | (720,044)                            | 54,435              | 4,147,253              | (654,108)           | -13.6234                    |
| Shorewood         | 5,663,025              | 0                 | 0                                    | 88,116              | 5,751,141              | 88,116              | 1.5560                      |
| South St. Paul    | 7,682,074              | 1,595             | (107,973)                            | 85,608              | 7,661,304              | (20,770)            | -0.2704                     |
| Spring Lake Park  | 1,816,948              | 25,156            | 86,805                               | 26,816              | 1,955,725              | 138,777             | 7.6379                      |
| Stillwater        | 7,322,119              | 0                 | 254,679                              | 89,709              | 7,666,507              | 344,388             | 4.7034                      |
| Thief River Falls | 7,421,813              | 115,820           | 32,148                               | 84,189              | 7,653,970              | 232,157             | 3.1280                      |
| Vadnais Heights   | 2,246,908              | 18,340            | (51,662)                             | 39,514              | 2,253,100              | 6,192               | 0.2756                      |
| Virginia          | 6,753,749              | 332,412           | 214,955                              | 63,480              | 7,364,596              | 610,847             | 9.0446                      |
| Waite Park        | 3,258,600              | 0                 | (156,063)                            | 35,512              | 3,138,049              | (120,551)           | -3.6995                     |
| Waseca            | 1,829,860              | 32,049            | 72,407                               | 15,020              | 1,949,336              | 119,476             | 6.5292                      |
| West St. Paul     | 5,046,254              | 853               | (493,674)                            | 62,041              | 4,615,474              | (430,780)           | -8.5366                     |
| White Bear Lake   | 9,700,697              | (46,464)          | 286,128                              | 133,554             | 10,073,915             | 373,218             | 3.8473                      |
| Willmar           | 10,663,992             | 0                 | 0                                    | 131,321             | 10,795,313             | 131,321             | 1.2314                      |
| Winona            | 10,898,919             | 59,230            | 299,685                              | 111,630             | 11,369,464             | 470,545             | 4.3174                      |
| Woodbury          | 25,199,063             | (31,572)          | 2,452,511                            | 431,207             | 28,051,209             | 2,852,146           | 11.3185                     |
| Worthington       | 5,881,983              | 0                 | 0                                    | 185,035             | 6,067,018              | 185,035             | 3.1458                      |
| <b>TOTAL</b>      | <b>\$1,458,214,849</b> | <b>\$783,615</b>  | <b>\$56,643,025</b>                  | <b>\$25,085,747</b> | <b>\$1,540,727,236</b> | <b>\$82,512,387</b> | <b>5.6585</b>               |

## **1993 Itemized Tabulation of Needs**

**The 1993 apportionment needs reflects an increase due to the updating of needs, new designations and increase in some unit prices. See the 1993 June Screening Board minutes or the Resolutions for 1993 needs unit prices.**

**The 1993 itemized tabulation of needs on the following page shows all the construction items except the "after the fact needs" used in the Municipal State Aid Needs Study. The tabulation is provided to give each municipality the opportunity to compare their needs of the individual construction items to that of other cities. The cost per mile shown on this report does not include bridges and 18% of the engineering cost applied to the bridges because large bridges in some cities distort the average. The average is a more comparable cost for roadway construction cost per mile without bridges.**

**The overall average cost per mile is \$587,245. Falcon Heights has the lowest cost per mile with \$145,167 while Fairmont has the highest cost with \$917,658 per mile.**

**Seven cities which exceed \$750,000 per mile are listed alphabetically as follows: Bloomington, Chaska, Fairmont, Minneapolis, Orono, St. Paul, Savage and Woodbury.**

## COMPARISON OF NEEDS BETWEEN 1992 AND 1993

| Needs<br>Year | Grading                       | Complete<br>Storm<br>Sewer        | Sewer<br>Adjustment                | Base<br>Needs                           | Surface<br>Needs                  | Total<br>Shoulder<br>Needs        | Curb & Gutter<br>Construction |
|---------------|-------------------------------|-----------------------------------|------------------------------------|---|-----------------------------------|-----------------------------------|-------------------------------|
| 1992          | \$165,368,146                 | \$156,272,349                     | \$19,557,900                       | \$214,750,046                           | \$247,413,473                     | \$913,241                         | \$77,802,236                  |
| 1993          | \$173,809,311                 | \$167,152,520                     | \$24,167,680                       | \$223,237,491                           | \$254,235,972                     | \$811,307                         | \$79,970,561                  |
| Difference    | \$8,441,165                   | \$10,880,171                      | \$4,609,780                        | \$8,487,445                             | \$6,822,499                       | (\$101,934)                       | \$2,168,325                   |
| %             | 5.10%                         | 6.96%                             | 23.57%                             | 3.95%                                   | 2.76%                             | -11.16%                           | 2.79%                         |
|               |                               |                                   |                                    |   |                                   |                                   |                               |
| Needs<br>Year | Sidewalk<br>Construction      | Traffic<br>Signal<br>Construction | Street<br>Lighting<br>Construction | Retaining<br>Walls                      | Total<br>Bridge<br>Needs          | Railroad<br>Crossing<br>Needs     | Engineering                   |
| 1992          | \$86,636,389                  | \$88,909,800                      | \$48,036,800                       | \$7,115,135                             | \$80,288,039                      | \$31,168,175                      | \$220,361,760                 |
| 1993          | \$95,745,900                  | \$91,072,800                      | \$48,875,000                       | \$16,233,658                            | \$84,187,173                      | \$33,296,427                      | \$232,703,403                 |
| Difference    | \$9,109,511                   | \$2,163,000                       | \$838,200                          | \$9,118,523                             | \$3,899,134                       | \$2,128,252                       | \$12,341,643                  |
| %             | 10.51%                        | 2.43%                             | 1.74%                              | 128.16%                                 | 4.86%                             | 6.83%                             | 5.60%                         |
|               |                               |                                   |                                    |   |                                   |                                   |                               |
| Needs<br>Year | Total<br>Maintenance<br>Needs | Total<br>Apportionment<br>Cost    | Total<br>Mileage                   | After the fact<br>Right of way<br>Needs | After the fact<br>Bridge<br>Needs | Overall<br>Apportionment<br>Needs | Needs<br>To<br>Apport. Ratio  |
| 1992          | \$13,621,360                  | \$1,458,214,849                   | 2410.53                            | \$35,964,743                            | \$13,193,150                      | \$1,507,372,742                   | 18.1711                       |
| 1993          | \$15,228,033                  | \$1,540,727,236                   | 2454.49                            | \$42,904,610                            | \$13,193,150                      | \$1,596,824,996                   | 19.2495                       |
| Difference    | \$1,606,673                   | \$82,512,387                      | 43.96                              | \$6,939,867                             | \$0                               | \$89,452,254                      | 1.0783                        |
| %             | 11.80%                        | 5.66%                             | 1.82%                              | 19.30%                                  | 0.00%                             | 5.93%                             |                               |

## **PROPOSED NEEDS ADJUSTMENT**

**In the 1992 needs, the city of Hibbing receive apportionment money needs for 2.32 miles that was eligible for turnback funding. This occurred because a special message was not used to eliminate the apportionment needs. Due to this oversight, Hibbing received an additional \$2,792,206 in apportionment needs instead of no apportionment needs.**

**Its recommended that Hibbing receive a negative \$2,792,206 needs adjustment on the 1993 needs which would decrease their 1994 apportionment by approximately \$81,532.**

## **Tentative 1994 Money Needs Apportionment Determination**

**This tabulation shows each municipality's tentative money needs apportionment based on a projected apportionment amount. The actual amount of the road user fund for distribution to the Municipal State Aid Account will not be available until January 1994.**

**The 25-year construction needs or money needs shown on this report are those computed from the "1993 Needs Study Update". The adjusted 25 year construction needs are the result of subtracting for the Unencumbered Construction Fund and adding or subtracting for Bond Accounts, adding Non-existing Bridge Adjustments, adding Right-of-Way "After the fact needs", and subtracting for the cost of Bituminous Overlays and Concrete Joint Repairs on segments that receive complete needs. These adjustments to the actual needs are made as directed by the Screening Board Resolutions. This summary provides specific data and shows the impact of the adjustment to each municipality for the Screening Board's use in establishing the 1994 tentative Money Needs Apportionment Determination.**

**The adjustments are listed individually following the tentative summary of adjustments to the 25 year actual 1993 Money Needs.**



TENTATIVE DETERMINATION OF THE 1994 MONEY NEEDS APPORTIONMENT

Needs value: \$100 in needs = approximately \$2.77 in Apportionment

| Municipality        | 1993 Actual<br>25-Year<br>Const.<br>Needs | (-)<br>Unencumbered<br>Construction<br>Fund Balance<br>Deduction | (+ or -)<br>Bond<br>Account<br>Adjustment | (+)<br>Non-<br>Existing<br>Bridge<br>Adjustment | (+)<br>R/W<br>Acquisition<br>Adjustment | (-)<br>Bituminous<br>Overlay And<br>Concrete<br>Joint Repair | Total<br>Affect<br>Of<br>Adjustments | 1993<br>Adjusted<br>Money<br>Needs | Money Needs<br>Apportionment<br>Minus<br>Turnback<br>Maintenance | (+)<br>Turnback<br>Maintenance<br>Adjustment | Tentative<br>1994<br>Money<br>Needs<br>Apportionment | %<br>Of<br>Total<br>Dist. |
|---------------------|---|--|---|---|---|--|--------------------------------------|------------------------------------|--|--|--|---------------------------|
| Albert Lea          | \$11,349,163                              | (\$1,464,051)  | --  | --  | --                                      | (\$63,700)   | (\$1,527,751)                        | \$9,821,412                        | \$272,005  | --   | \$272,005  | 0.6558                    |
| Alexandria          | 7,629,587                                 | (817,740)  | --  | --  | --                                      | (85,966)   | (903,706)                            | 6,725,881                          | 186,274  | --   | 186,274  | 0.4491                    |
| Andover             | 13,786,813                                | (507,482)  | \$410,000                                 | --  | \$147,283                               | --   | 49,801                               | 13,836,614                         | 383,206  | --   | 383,206  | 0.9239                    |
| Anoka               | 5,830,892                                 | (233,201)  | (27,235)                                  | --  | 216,505                                 | (14,214)   | (58,145)                             | 5,772,747                          | 159,877  | --   | 159,877  | 0.3855                    |
| Apple Valley        | 14,207,905                                | (512,348)  | 2,235,000                                 | --  | --                                      | --   | 1,722,652                            | 15,930,557                         | 441,198  | --   | 441,198  | 1.0637                    |
| Arden Hills         | 2,522,728                                 | (203,311)  | --  | --  | --                                      | --   | (203,311)                            | 2,319,417                          | 64,236   | --   | 64,236   | 0.1549                    |
| Austin              | 16,914,365                                | (1,409,408)  | --  | --  | --                                      | --   | (1,409,408)                          | 15,504,957                         | 429,411  | --   | 429,411  | 1.0353                    |
| Bemidji             | 8,877,501                                 | (1,050,825)  | --  | --  | 220,201                                 | --   | (830,624)                            | 8,046,877                          | 222,859  | --   | 222,859  | 0.5373                    |
| Blaine              | 19,149,001                                | (1,679,675)  | --  | --  | 154,922                                 | (172,996)  | (1,697,749)                          | 17,451,252                         | 483,314  | --   | 483,314  | 1.1653                    |
| Bloomington         | 59,897,078                                | (4,767,722)  | --  | 2,326,375                                       | 832,491                                 | (66,884)   | (1,675,740)                          | 58,221,338                         | 1,612,445  | --   | 1,612,445  | 3.8876                    |
| Brainerd            | 5,691,014                                 | (910,713)  | 120,000                                   | --  | --                                      | --   | (790,713)                            | 4,900,301                          | 135,714  | --   | 135,714  | 0.3272                    |
| Brooklyn Center     | 12,746,848                                | (1,566,900)  | 2,123,816                                 | --  | 2,523,341                               | --   | 3,080,257                            | 15,827,105                         | 438,333  | --   | 438,333  | 1.0568                    |
| Brooklyn Park       | 17,943,776                                | (4,681,349)  | --  | --  | 6,632                                   | --   | (4,674,717)                          | 13,269,059                         | 367,488  | 11,088                                       | 378,576  | 0.9127                    |
| Buffalo             | 4,363,254                                 | (112,242)  | --  | --  | --                                      | --   | (112,242)                            | 4,251,012                          | 117,732  | --   | 117,732  | 0.2838                    |
| Burnsville          | 19,293,742                                | (1,286,843)  | --  | 349,684   | 1,328,186                               | --   | 391,027                              | 19,684,769                         | 545,172  | --   | 545,172  | 1.3144                    |
| Cambridge           | 4,424,816                                 | (203,984)  | --  | --  | --                                      | --   | (203,984)                            | 4,220,832                          | 116,896  | --   | 116,896  | 0.2818                    |
| Champlin            | 5,500,344                                 | (656,743)  | --  | --  | 120,394                                 | --   | (536,349)                            | 4,963,995                          | 137,478  | 3,888  | 141,366  | 0.3408                    |
| Chanassen           | 12,335,281                                | (190,250)  | --  | --  | 65,000                                  | --   | (125,250)                            | 12,210,031                         | 338,158  | --   | 338,158  | 0.8153                    |
| Chaska              | 9,764,929                                 | (1,104,195)  | --  | --  | 92,467                                  | --   | (1,011,728)                          | 8,753,201                          | 242,421  | --   | 242,421  | 0.5845                    |
| Chisholm            | 3,685,549                                 | (185,707)  | --  | --  | --                                      | --   | (185,707)                            | 3,499,842                          | 96,928   | --   | 96,928   | 0.2337                    |
| Cloquet             | 11,698,170                                | --   | --  | --  | 73,539                                  | --   | 73,539                               | 11,771,709                         | 326,019  | --   | 326,019  | 0.7860                    |
| Columbia Heights    | 7,480,114                                 | (1,246,320)  | --  | --  | 133,200                                 | (197,318)  | (1,310,438)                          | 6,169,676                          | 170,870  | --   | 170,870  | 0.4120                    |
| Coon Rapids         | 16,256,984                                | (609,726)  | 1,165,000                                 | --  | 1,010,152                               | --   | 1,565,426                            | 17,822,410                         | 493,593  | --   | 493,593  | 1.1900                    |
| Corcoran            | 5,640,601                                 | --   | --  | --  | 5,762                                   | --   | 5,762                                | 5,646,363                          | 156,377  | --   | 156,377  | 0.3770                    |
| Cottage Grove       | 16,191,923                                | (875,023)  | 136,186                                   | --  | 425,664                                 | --   | (313,173)                            | 15,878,750                         | 439,763  | --   | 439,763  | 1.0603                    |
| Crookston           | 10,531,008                                | (630,203)  | --  | --  | 1,108,538                               | (2,000)  | 476,335                              | 11,007,343                         | 304,849  | 3,600  | 308,449  | 0.7437                    |
| Crystal             | 13,019,286                                | (699,113)  | --  | --  | 4,102,777                               | (8,257)  | 3,395,407                            | 16,414,693                         | 454,606  | --   | 454,606  | 1.0960                    |
| Detroit Lakes       | 3,774,694                                 | (138,748)  | --  | --  | --                                      | --   | (138,748)                            | 3,635,946                          | 100,698  | --   | 100,698  | 0.2428                    |
| Duluth              | 64,250,524                                | (368,899)  | --  | 1,054,200                                       | 132,849                                 | (1,020,008)  | (201,858)                            | 64,048,666                         | 1,773,834  | 4,176  | 1,778,010  | 4.2867                    |
| Eagan               | 14,732,198                                | (189,724)  | 1,945,000                                 | --  | 392,508                                 | --   | 2,147,784                            | 16,879,982                         | 467,493  | --   | 467,493  | 1.1271                    |
| East Bethel         | 3,880,829                                 | --   | --  | --  | 17,200                                  | --   | 17,200                               | 3,898,029                          | 107,956  | --   | 107,956  | 0.2603                    |
| East Grand Forks    | 4,219,952                                 | (443,607)  | 45,000                                    | --  | 121,700                                 | --   | (276,907)                            | 3,943,045                          | 109,203  | --   | 109,203  | 0.2633                    |
| Eden Prairie        | 21,885,930                                | --   | 361,663                                   | 974,299   | --                                      | --   | 1,335,962                            | 23,221,892                         | 643,132  | --   | 643,132  | 1.5506                    |
| Edina               | 21,240,426                                | (4,697,540)  | --  | --  | 45,296                                  | --   | (4,652,244)                          | 16,588,182                         | 459,411  | --   | 459,411  | 1.1076                    |
| Elk River           | 10,613,771                                | (275,042)  | 878,002                                   | --  | 8,000                                   | --   | 610,960                              | 11,224,731                         | 310,870  | --   | 310,870  | 0.7495                    |
| Fairmont            | 16,397,698                                | (978,311)  | --  | --  | 74,988                                  | --   | (903,323)                            | 15,494,375                         | 429,118  | --   | 429,118  | 1.0346                    |
| Falcon Heights      | 368,723                                   | (193,599)  | (27,988)                                  | --  | --                                      | --   | (221,587)                            | 147,136                            | 4,075  | --   | 4,075  | 0.0098                    |
| Faribault           | 12,328,711                                | (810,038)  | --  | --  | 2,346                                   | --   | (807,692)                            | 11,521,019                         | 319,076  | --   | 319,076  | 0.7693                    |
| Farmington          | 5,739,951                                 | (277,284)  | --  | --  | 23,046                                  | --   | (254,238)                            | 5,485,713                          | 151,927  | --   | 151,927  | 0.3663                    |
| Fergus Falls        | 8,472,895                                 | (752,757)  | --  | --  | 67,200                                  | (40,902)   | (726,459)                            | 7,746,436                          | 214,538  | --   | 214,538  | 0.5172                    |
| Forest Lake         | 2,563,821                                 | (137,257)  | --  | --  | --                                      | --   | (137,257)                            | 2,426,564                          | 67,204   | --   | 67,204   | 0.1620                    |
| Fridley             | 10,003,639                                | (1,017,865)  | --  | --  | --                                      | (289,143)  | (1,307,008)                          | 8,696,631                          | 240,854  | --   | 240,854  | 0.5807                    |
| Golden Valley       | 13,857,204                                | (2,034,284)  | --  | --  | 1,140,625                               | --   | (893,659)                            | 12,963,545                         | 359,027  | --   | 359,027  | 0.8656                    |
| Grand Rapids        | 5,023,545                                 | (550,581)  | --  | 553,858   | --                                      | --   | 3,277                                | 5,026,822                          | 139,218  | --   | 139,218  | 0.3357                    |
| Ham Lake            | 3,640,413                                 | (609,199)  | --  | --  | 26,016                                  | --   | (583,183)                            | 3,057,230                          | 84,670   | --   | 84,670   | 0.2041                    |
| Hastings            | 5,970,391                                 | (292,819)  | --  | 233,038   | 17,620                                  | --   | (42,161)                             | 5,928,230                          | 164,183  | --   | 164,183  | 0.3958                    |
| Hermantown          | 5,862,482                                 | (873,583)  | --  | --  | 45,608                                  | (182,219)  | (1,010,194)                          | 4,852,288                          | 134,385  | --   | 134,385  | 0.3240                    |
| Hibbing             | 22,016,838                                | (695,132)  | --  | --  | 78,725                                  | --   | (616,407)                            | 21,400,431                         | 592,687  | 18,864                                       | 611,551  | 1.4744                    |
| Hopkins             | 6,814,101                                 | --   | --  | --  | --                                      | --   | --                                   | 6,814,101                          | 188,717  | --   | 188,717  | 0.4550                    |
| Hutchinson          | 7,817,479                                 | (1,093,202)  | --  | 570,793   | --                                      | --   | (522,409)                            | 7,295,070                          | 202,038  | --   | 202,038  | 0.4871                    |
| International Falls | 4,634,621                                 | (136,131)  | --  | --  | --                                      | --   | (136,131)                            | 4,498,490                          | 124,586  | --   | 124,586  | 0.3004                    |
| Inver Grove Heights | 8,164,716                                 | (123,432)  | --  | --  | 1,112,132                               | --   | 988,700                              | 9,153,416                          | 253,505  | --   | 253,505  | 0.6112                    |
| Lake Elmo           | 2,960,695                                 | (668,965)  | --  | --  | 100,641                                 | --   | (568,324)                            | 2,392,371                          | 66,257   | --   | 66,257   | 0.1597                    |
| Lakeville           | 20,837,362                                | (785,359)  | --  | --  | 170,254                                 | --   | (615,105)                            | 20,222,257                         | 560,057  | --   | 560,057  | 1.3503                    |
| Lino Lakes          | 8,271,927                                 | (335,507)  | --  | --  | 64,950                                  | --   | (270,557)                            | 8,001,370                          | 221,599  | --   | 221,599  | 0.5343                    |
| Litchfield          | 4,826,951                                 | (812,283)  | --  | --  | --                                      | --   | (812,283)                            | 4,014,668                          | 111,187  | --   | 111,187  | 0.2681                    |
| Little Canada       | 3,535,749                                 | (203,823)  | 365,000                                   | --  | 43,300                                  | --   | 204,477                              | 3,740,226                          | 103,586  | --   | 103,586  | 0.2497                    |
| Little Falls        | 6,574,402                                 | --   | --  | --  | 291,401                                 | --   | 291,401                              | 6,865,803                          | 190,149  | --   | 190,149  | 0.4584                    |
| Mahtomedi           | 1,912,350                                 | --   | --  | --  | --                                      | --   | --                                   | 1,912,350                          | 52,963   | --   | 52,963   | 0.1277                    |
| Mankato             | 18,642,646                                | (1,077,764)  | --  | --  | 424,406                                 | (102,347)  | (755,705)                            | 17,886,941                         | 495,381  | 5,328  | 500,709  | 1.2072                    |
| Maple Grove         | 23,673,118                                | (177,368)  | (19,701)                                  | --  | 541,486                                 | --   | 344,417                              | 24,017,535                         | 665,168  | 3,600  | 668,768  | 1.6124                    |
| Maplewood           | 11,848,641                                | (923,124)  | --  | --  | --                                      | (28,375)   | (951,499)                            | 10,897,142                         | 301,797  | --   | 301,797  | 0.7276                    |
| Marshall            | 3,086,240                                 | (493,535)  | (74,504)                                  | --  | 60,338                                  | --   | (507,701)                            | 2,578,539                          | 71,413   | --   | 71,413   | 0.1722                    |
| Mendota Heights     | 4,801,793                                 | (522,605)  | 75,000                                    | --  | 8,970                                   | --   | (438,635)                            | 4,363,158                          | 120,838  | --   | 120,838  | 0.2913                    |
| Minneapolis         | 189,487,839                               | (12,143,694)   | --  | 1,493,191                                       | 9,003,231                               | (71,714)   | (1,718,986)                          | 187,768,853                        | 5,200,276  | --   | 5,200,276  | 12.5377                   |
| Minnetonka          | 27,578,105                                | (3,015,107)  | --  | --  | 282,150                                 | --   | (2,732,957)                          | 24,845,148                         | 688,089  | --   | 688,089  | 1.6590                    |
| Montevideo          | 4,097,702                                 | (336,534)  | --  | --  | --                                      | --   | (336,534)                            | 3,761,168                          | 104,166  | --   | 104,166  | 0.2511                    |
| Monticello          | 3,537,926                                 | (95,013)   | --  | --  | --                                      | --   | (95,013)                             | 3,442,913                          | 95,352   | --   | 95,352   | 0.2299                    |
| Moorhead            | 14,532,893                                | (1,867,673)  | --  | --  | 80,305                                  | (204,508)  | (1,991,876)                          | 12,541,017                         | 347,325  | --   | 347,325  | 0.8374                    |
| Morris              | 2,398,881                                 | --   | --  | --  | 2,379                                   | --   | 2,379                                | 2,401,260                          | 66,503   | --   | 66,503   | 0.1603                    |
| Mound               | 3,540,826                                 | (734,667)  | --  | --  | 107,446                                 | --   | (627,221)                            | 2,913,605                          | 80,693   | --   | 80,693   | 0.1945                    |
| Mounds View         | 2,221,792                                 | (1,088,539)  | --  | --  | --                                      | --   | (1,088,539)                          | 1,133,253                          | 31,386   | --   | 31,386   | 0.0757                    |
| New Brighton        | 7,156,393                                 | (1,487,343)  | --  | --  | --                                      | --   | (1,487,343)                          | 5,669,050                          | 157,005  | --   | 157,005  | 0.3785                    |
| New Hope            | 9,311,175                                 | (578,291)  | --  | --  | 183,000                                 | (207,238)  | (602,529)                            | 8,708,646                          | 241,187  | --   | 241,187  | 0.5815                    |
| New Ulm             | 7,910,226                                 | --   | --  | --  | --                                      | --   | --                                   | 7,910,226                          | 219,074  | --   | 219,074  | 0.5282                    |
| Northfield          | 7,294,682                                 | (873,078)  | --  | --  | 8,850                                   | --   | (864,228)                            | 6,430,454                          | 178,092  | --   | 178,092  | 0.4294                    |
| North Mankato       | 5,723,508                                 | (325,611)  | 220,000                                   | --  | 395,146                                 | --   | 289,535                              | 6,013,043                          | 166,532  | --   | 166,532  | 0.4015                    |
| North St. Paul      | 3,827,764                                 | (304,120)  | --  | --  | 78,068                                  | (354,655)  | (580,707)                            | 3,247,057                          | 89,928   | --   | 89,928   | 0.2168                    |
| Oakdale             | 8,091,277                                 | (463,182)  | 468,257                                   | --  | 211,229                                 | --   | 216,304                              | 8,307,581                          | 230,079  | --   | 230,079  | 0.5547                    |
| Orono               | 9,236,358                                 | (1,152,759)  | --  | --  | --                                      | --   | (1,152,759)                          | 8,083,599                          | 223,876  | --   | 223,876  | 0.5398                    |
| Otsego              | 8,339,553                                 | (193,389)  | --  | --  | --                                      | --   | (193,389)                            | 8,146,164                          | 225,609  | --   | 225,609  | 0.5439                    |
| Owatonna            | 12,261,181                                | (803,794)  | --  | --  | --                                      | --   | (803,794)                            | 11,457,387                         | 317,313  | --   | 317,313  | 0.7650                    |
| Plymouth            | 25,111,774                                | (3,254,191)  | --  | --  | 108,205                                 | --   | (3,145,986)                          | 21,965,788                         | 608,345  | --   | 608,345  | 1.4667                    |
| Prior Lake          | 7,455,258                                 | (982,546)  | --  | --  | 209,125                                 | --   | (773,421)                            | 6,681,837                          | 185,054  | --   | 185,054  | 0.4462                    |
| Ramsey              | 10,133,261                                | (637,119)  | 400,000                                   | --  | 180,075                                 | --   | (57,044)                             | 10,076,217                         | 279,062  | --   | 279,062  | 0.6728                    |
| Red Wing            | 14,171,109                                | (880,770)  | --  | 1,145,475                                       | 62,176                                  | --   | 326,881                              | 14,497,990                         | 401,523  | --   | 401,523  | 0.9681                    |
| Richfield           | 18,043,540                                | (3,042,015)  | --  | --  | 2,904,571                               | (26,695)   | (164,139)                            | 17,879,401                         | 495,172  | --   | 495,172  | 1.1938                    |
| Robbinsdale         | 5,422,718                                 | (221,620)  | --  | --  | --                                      | (217,974)  | (439,594)                            | 4,983,124                          | 138,008  | --   | 138,008  | 0.3327                    |
| Rochester           | 35,748,017                                | (2,970,789)  | --  | --  | 3,723,389                               | (170,511)  | 582,089                              | 36,330,106                         | 1,006,166  | --   | 1,006,166  | 2.4258                    |
| Rosemount           | 10,597,472                                | --   | --  | --  | --                                      | --   | --                                   | 10,597,472                         | 293,498  | --   | 293,498  | 0.7076                    |
| Roseville           | 7,472,956                                 | (1,369,024)  | 1,675,000                                 | 2,814,714                                       | 1,660,726                               | --   | 4,781,416                            |                                    |  |  |  |                           |



## UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

The 1993 amount available is the unencumbered construction fund balance adjustment and is deducted from the city's total needs. See Screening Board Resolution and Tentative Determination of the 1994 Money Needs Apportionment on page 38.

The total 1993 construction allotment was \$64,077,980.

In 1992, \$8,801,045 of the construction allotment was spent for off-system projects.

| <b>Municipalities</b> | <b>Amount<br/>Available<br/>9-1-92</b> | <b>Amount<br/>Available<br/>9-1-93</b> | <b>Difference<br/>Between<br/>1992 and<br/>1993</b> | <b>Percentage of<br/>Total Amount<br/>in 1993<br/>Account</b> | <b>Ratio to<br/>the City's<br/>Construction<br/>Allotment</b> |
|-----------------------|--|--|---|---|---|
| Albert Lea            | \$1,415,623                            | \$1,464,051                            | \$48,428  | 1.2960  | 3.6225  |
| Alexandria            | 693,474                                | 817,740                                | 124,266   | 0.7239  | 2.7447  |
| Andover               | 409,012                                | 507,482                                | 98,470  | 0.4492  | 1.1428  |
| Anoka                 | 0                                      | 233,201                                | 233,201   | 0.2064  | 0.6194  |
| Apple Valley          | 1,158,246                              | 512,348                                | (645,898)   | 0.4535  | 0.8705  |
| Arden Hills           | 53,187                                 | 203,311                                | 150,124   | 0.1800  | 1.3543  |
| Austin                | 1,636,900                              | 1,409,408                              | (227,492)   | 1.2476  | 1.9063  |
| Bemidji               | 1,147,677                              | 1,050,825                              | (96,852)  | 0.9302  | 3.4312  |
| Blaine                | 1,712,325                              | 1,679,675                              | (32,650)  | 1.4868  | 2.0845  |
| Bloomington           | 4,841,250                              | 4,767,722                              | (73,528)  | 4.2203  | 2.3933  |
| Brainerd              | 928,623                                | 910,713                                | (17,910)  | 0.8062  | 3.7169  |
| Brooklyn Center       | 848,305                                | 1,566,900                              | 718,595   | 1.3870  | 2.8626  |
| Brooklyn Park         | 4,033,619                              | 4,681,349                              | 647,730   | 4.1439  | 5.2132  |
| Buffalo               | 470,814                                | 112,242                                | (358,572)   | 0.0994  | 0.5483  |
| Burnsville            | 694,889                                | 1,286,843                              | 591,954   | 1.1391  | 1.2885  |
| Cambridge             | 198,367                                | 203,984                                | 5,617   | 0.1806  | 1.3007  |
| Champlin              | 391,287                                | 656,743                                | 265,456   | 0.5813  | 1.7774  |
| Chanhassen            | 756,899                                | 190,250                                | (566,649)   | 0.1684  | 0.5008  |
| Chaska                | 807,407                                | 1,104,195                              | 296,788   | 0.9774  | 2.8202  |
| Chisholm              | 31,367                                 | 185,707                                | 154,340   | 0.1644  | 1.3082  |
| Cloquet               | 1,008,326                              | 0                                      | (1,008,326)   | 0.0000  | 0.0000  |
| Columbia Heights      | 1,253,258                              | 1,246,320                              | (6,938)   | 1.1032  | 4.3210  |
| Coon Rapids           | 1,638,973                              | 609,726                                | (1,029,247)   | 0.5397  | 0.5263  |
| Corcoran              | 0                                      | 0                                      | 0   | 0.0000  | 0.0000  |
| Cottage Grove         | 1,201,371                              | 875,023                                | (326,348)   | 0.7746  | 1.2731  |
| Crookston             | 566,319                                | 630,203                                | 63,884  | 0.5578  | 2.1888  |
| Crystal               | 967,540                                | 699,113                                | (268,427)   | 0.6188  | 1.3007  |
| Detroit Lakes         | 147,852                                | 138,748                                | (9,104)   | 0.1228  | 0.7037  |
| Duluth                | 2,156,079                              | 368,899                                | (1,787,180)   | 0.3265  | 0.1699  |
| Eagan                 | 742,069                                | 189,724                                | (552,345)   | 0.1679  | 0.2380  |
| East Bethel           | 0                                      | 0                                      | 0   | 0.0000  | 0.0000  |
| East Grand Forks      | 294,204                                | 443,607                                | 149,403   | 0.3927  | 2.6555  |
| Eden Prairie          | 0                                      | 0                                      | 0   | 0.0000  | 0.0000  |
| Edina                 | 3,800,549                              | 4,697,540                              | 896,991   | 4.1582  | 5.2370  |
| Elk River             | 96,831                                 | 275,042                                | 178,211   | 0.2435  | 0.6940  |
| Fairmont              | 493,097                                | 978,311                                | 485,214   | 0.8660  | 2.0162  |



1993 ITEM BY ITEM TABULATION OF NEEDS

| MUNICIPALITY       | GRADING     | COMPLETE<br>STORM SEWER | STORM SEWER<br>ADJUSTMENT | BALANCE | SURFACE     | SHOULDER | CURB AND<br>GUTTER | SIDEWALK  | SIGNALS   | LIGHTING  | RETAINING<br>WALLS | BRIDGES   | RAILROAD<br>CROSSINGS | ENGINEERING | MAINTENANCE | NEEDS        | MILEAGE | COST PER<br>MILE |
|--------------------|-------------|-------------------------|---------------------------|---------|-------------|----------|--------------------|-----------|-----------|-----------|--------------------|-----------|-----------------------|-------------|-------------|--------------|---------|------------------|
| ALBERT LEA         | \$1,609,626 | \$228,660               | \$452,480                 | \$1,166 | \$1,760,945 | \$10,206 | \$545,468          | \$691,800 | \$565,200 | \$373,000 | \$99,000           | \$175,107 | \$1,182,500           | \$1,712,371 | \$123,634   | \$11,349,163 | 18.65   | \$599,145        |
| ALEXANDRIA         | 823,167     | 927,000                 | 204,800                   | 1,466   | 1,420,706   |          | 456,114            | 595,110   | 373,200   | 241,600   |                    |           |                       | 1,152,392   | 75,032      | 7,629,587    | 12.08   | 631,588          |
| ANDOVER            | 1,012,075   | 2,768,640               |                           | 1,414   | 2,002,874   | 39,914   | 761,719            | 2,424,795 | 740,000   | 618,000   |                    |           | 110,750               | 2,086,773   | 106,859     | 13,786,813   | 30.90   | 446,175          |
| ANOKA              | 605,729     | 1,200,980               | 8,960                     | 1,298   | 1,006,359   |          | 466,847            | 409,710   | 288,800   | 237,800   |                    |           |                       | 878,851     | 69,558      | 5,830,892    | 11.89   | 490,403          |
| APPLE VALLEY       | 1,009,494   | 1,668,600               | 282,240                   | 1,511   | 2,697,345   |          | 680,533            | 1,465,125 | 1,482,400 | 587,200   | 66,000             |           |                       | 2,140,104   | 178,353     | 14,207,905   | 29.36   | 483,920          |
| ARDEN HILLS        | 179,423     | 525,300                 | 7,680                     | 1,836   | 364,328     |          | 152,835            | 271,875   | 212,600   | 108,200   |                    |           |                       | 380,536     | 28,115      | 2,522,728    | 5.41    | 466,308          |
| AUSTIN             | 2,519,594   | 694,220                 | 327,680                   | 1,882   | 2,121,683   |          | 698,400            | 1,097,565 | 758,600   | 456,800   |                    | 3,304,370 | 319,900               | 2,553,786   | 172,885     | 16,914,365   | 22.84   | 595,884          |
| BEMIDJI            | 811,221     | 1,034,120               | 88,320                    | 1,165   | 1,509,719   |          | 482,777            | 758,910   | 456,000   | 287,200   | 10,000             | 539,110   | 420,250               | 1,339,164   | 98,545      | 8,877,501    | 14.36   | 580,668          |
| BLAINE             | 1,282,277   | 3,720,360               | 58,880                    | 2,520   | 3,420,615   | 3,115    | 1,111,645          | 2,392,335 | 1,235,800 | 640,000   |                    |           |                       | 2,901,517   | 127,937     | 19,149,001   | 32.00   | 598,406          |
| BLOOMINGTON        | 5,529,969   | 7,152,320               | 942,080                   | 1,992   | 13,390,684  |          | 2,748,430          | 3,939,210 | 3,831,200 | 1,477,600 | 16,000             | 375,760   | 1,193,150             | 9,043,990   | 608,693     | 59,897,078   | 73.88   | 805,649          |
| BRAINERD           | 687,528     | 224,540                 | 355,840                   | 1,921   | 1,339,198   |          | 370,280            | 293,895   | 382,000   | 286,000   |                    |           |                       | 853,592     | 95,220      | 5,691,014    | 14.30   | 397,973          |
| BROOKLYN CENTER    | 935,851     | 1,493,500               | 540,160                   | 2,164   | 2,875,306   |          | 548,310            | 602,070   | 930,000   | 426,000   | 42,867             | 277,200   |                       | 1,921,664   | 149,276     | 12,746,848   | 21.30   | 585,429          |
| BROOKLYN PARK      | 1,164,841   | 2,778,940               | 373,760                   | 2,258   | 3,978,492   |          | 936,653            | 1,058,430 | 1,748,800 | 738,200   |                    |           |                       | 2,705,468   | 207,934     | 17,943,776   | 38.45   | 466,678          |
| BUFFALO            | 406,993     | 432,600                 | 53,760                    | 1,804   | 569,985     |          | 299,108            | 373,830   | 132,800   | 116,400   | 50,000             |           | 580,650               | 660,767     | 31,557      | 4,363,254    | 5.82    | 749,700          |
| BURNSVILLE         | 1,879,264   | 1,122,700               | 421,760                   | 2,107   | 4,109,567   |          | 1,090,377          | 1,350,420 | 2,277,200 | 873,400   |                    |           |                       | 2,887,696   | 363,288     | 19,293,742   | 43.67   | 441,808          |
| CAMBRIDGE          | 349,676     | 861,080                 | 67,200                    | 1,554   | 512,204     |          | 288,989            | 251,475   | 109,800   | 109,800   | 60,000             | 602,140   | 40,350                | 671,448     | 23,100      | 4,424,816    | 5.49    | 696,298          |
| CHAMPLIN           | 256,856     | 791,040                 | 19,200                    | 1,162   | 1,156,706   |          | 378,635            | 960,120   | 360,400   | 292,400   |                    |           |                       | 828,454     | 69,371      | 5,500,344    | 15.16   | 362,820          |
| CHANHASSEN         | 1,012,589   | 2,381,360               | 76,800                    | 2,188   | 2,296,304   |          | 788,445            | 487,860   | 692,400   | 370,800   | 180,000            | 25,080    |                       | 1,872,689   | 58,766      | 12,335,281   | 18.54   | 663,981          |
| CHASKA             | 877,477     | 1,796,320               | 62,080                    | 1,918   | 1,398,182   |          | 683,221            | 1,028,400 | 326,800   | 246,400   | 143,000            | 25,200    | 160,650               | 1,479,898   | 63,383      | 9,764,929    | 12.32   | 790,562          |
| CHISHOLM           | 655,106     | 632,420                 | 24,320                    | 1,117   | 493,045     |          | 225,838            | 269,595   | 138,600   | 138,600   |                    |           |                       | 556,320     | 38,588      | 3,685,549    | 6.93    | 531,825          |
| CLOQUET            | 1,972,468   | 2,142,400               |                           | 1,126   | 1,402,337   | 8,022    | 613,763            | 867,900   | 408,600   | 360,400   | 37,000             | 336,600   | 191,500               | 1,769,965   | 95,089      | 11,698,170   | 18.02   | 630,498          |
| COLUMBIA HEIGHTS   | 807,737     | 1,013,520               | 60,160                    | 1,317   | 1,396,687   |          | 379,678            | 24,105    | 385,200   | 233,000   | 350,000            |           |                       | 1,128,538   | 81,947      | 7,480,114    | 11.65   | 642,070          |
| COON RAPIDS        | 852,790     | 1,248,360               | 272,640                   | 1,356   | 3,318,075   |          | 776,473            | 1,264,860 | 1,580,600 | 770,200   |                    | 1,801,624 | 191,300               | 2,438,696   | 270,010     | 16,256,984   | 38.51   | 375,366          |
| CORCORAN           | 1,266,054   | 512,940                 |                           | 1,408   | 563,685     | 52,199   | 188,931            | 330,135   | 286,200   | 276,200   |                    |           |                       | 851,715     | 57,134      | 5,640,601    | 13.81   | 408,443          |
| COTTAGE GROVE      | 1,372,624   | 2,189,780               | 129,920                   | 2,144   | 2,470,871   | 16,492   | 849,689            | 1,940,670 | 1,024,600 | 560,800   | 288,000            | 570,000   |                       | 2,444,744   | 165,289     | 16,191,923   | 28.04   | 557,130          |
| CROOKSTON          | 607,294     | 506,760                 | 136,960                   | 1,326   | 833,929     |          | 279,477            | 606,375   | 247,400   | 206,800   |                    | 4,705,740 | 1,350                 | 1,596,315   | 66,282      | 10,531,008   | 10.84   | 537,386          |
| CRYSTAL            | 1,295,148   | 1,969,360               | 324,480                   | 2,159   | 1,832,015   |          | 964,129            | 1,455,135 | 468,400   | 357,600   | 72,900             |           |                       | 1,971,983   | 91,847      | 13,019,286   | 17.88   | 728,148          |
| DETROIT LAKES      | 305,960     | 523,240                 | 30,080                    | 1,468   | 730,040     | 119      | 150,970            | 307,155   | 253,400   | 180,200   |                    |           | 302,850               | 566,729     | 59,483      | 3,774,694    | 9.01    | 418,945          |
| DULUTH             | 9,160,528   | 5,353,940               | 1,131,520                 | 10,122  | 8,427,434   | 80,801   | 2,688,941          | 2,892,780 | 3,081,000 | 1,794,400 | 154,000            | 8,284,817 | 732,400               | 9,710,435   | 593,306     | 64,250,524   | 90.30   | 619,775          |
| EAGAN              | 795,097     | 1,794,260               | 142,720                   | 1,192   | 3,449,913   |          | 860,524            | 582,825   | 1,982,200 | 849,400   |                    |           |                       | 2,202,147   | 295,920     | 14,732,198   | 42.47   | 346,885          |
| EAST BETHEL        | 706,625     |                         |                           | 1,001   | 883,764     | 85,680   |                    |           | 452,800   | 452,800   | 20,000             |           |                       | 578,642     | 87,517      | 3,880,829    | 22.64   | 171,415          |
| EAST GRAND FORKS   | 581,609     | 473,800                 | 71,680                    | 1,790   | 805,981     |          | 234,585            | 53,820    | 276,800   | 216,400   |                    |           | 222,850               | 633,477     | 67,160      | 4,219,952    | 10.82   | 390,014          |
| EDEN PRAIRIE       | 1,523,437   | 3,269,220               | 407,680                   | 2,912   | 4,283,181   |          | 1,461,684          | 1,025,025 | 1,872,000 | 752,200   | 445,500            |           |                       | 3,305,559   | 216,164     | 21,885,930   | 37.61   | 581,918          |
| EDINA              | 2,334,911   | 1,602,680               | 678,400                   | 3,533   | 4,361,319   |          | 1,367,256          | 1,022,490 | 1,755,400 | 779,000   | 154,600            | 166,650   |                       | 3,201,949   | 249,848     | 21,240,426   | 38.95   | 541,047          |
| ELK RIVER          | 778,783     | 1,884,900               |                           | 1,312   | 1,830,586   | 34,909   | 590,517            | 1,066,170 | 816,800   | 453,400   | 8,000              |           | 110,750               | 1,603,340   | 103,004     | 10,613,771   | 22.67   | 468,186          |
| FAIRMONT           | 2,566,091   | 2,809,840               | 60,800                    | 2,386   | 2,417,159   |          | 784,640            | 1,283,820 | 600,400   | 347,600   | 3,000              | 448,800   | 82,100                | 2,482,725   | 122,066     | 16,397,698   | 17.38   | 917,658          |
| FALCON HEIGHTS     | 10,918      | 12,360                  | 3,840                     | 1,186   | 133,394     |          | 6,930              | 6,000     | 58,600    | 50,300    |                    |           |                       | 54,006      | 14,689      | 368,723      | 2.54    | 145,167          |
| FARIBAULT          | 1,037,331   | 543,840                 | 108,160                   | 1,683   | 2,028,265   |          | 476,122            | 1,499,955 | 668,400   | 375,200   |                    | 1,404,280 | 513,750               | 1,861,572   | 125,073     | 12,328,711   | 18.76   | 582,326          |
| FARMINGTON         | 458,389     | 1,194,800               | 5,760                     | 1,602   | 668,449     |          | 342,092            | 511,485   | 158,200   | 146,200   |                    | 350,117   | 229,550               | 871,137     | 29,170      | 5,739,951    | 7.31    | 737,323          |
| FERGUS FALLS       | 753,892     | 603,580                 | 208,000                   | 923     | 1,031,829   | 2,667    | 370,652            | 484,650   | 376,400   | 273,000   | 10,500             | 542,795   | 1,529,750             | 1,280,884   | 75,972      | 8,472,895    | 13.65   | 580,960          |
| FOREST LAKE        | 327,957     | 475,860                 | 19,200                    | 442     | 351,178     |          | 187,486            | 200,145   | 81,200    | 73,800    |                    |           |                       | 388,813     | 14,945      | 2,563,821    | 3.69    | 694,802          |
| FRIDLEY            | 872,896     | 1,312,220               | 479,360                   | 1,273   | 2,256,692   |          | 627,129            |           | 716,600   | 499,600   |                    |           | 302,250               | 1,501,198   | 162,490     | 10,003,639   | 24.98   | 400,466          |
| GOLDEN VALLEY      | 1,480,268   | 1,781,900               | 366,080                   | 2,122   | 2,256,711   |          | 764,914            | 464,205   | 828,000   | 473,400   | 10,000             | 475,000   | 592,200               | 2,090,995   | 149,603     | 13,857,204   | 23.67   | 565,366          |
| GRAND RAPIDS       | 530,277     | 589,160                 | 90,880                    | 657     | 1,034,206   | 1,064    | 306,162            | 224,100   | 314,000   | 207,200   |                    |           | 242,250               | 755,414     | 71,391      | 5,023,545    | 10.36   | 484,898          |
| HAM LAKE           | 364,733     | 230,720                 | 19,200                    | 570     | 802,383     | 58,716   | 167,624            |           | 404,800   | 399,400   |                    |           |                       | 543,295     | 78,804      | 3,640,413    | 19.97   | 182,294          |
| HASTINGS           | 561,270     | 694,220                 | 209,920                   | 707     | 1,225,692   | 1,428    | 351,063            | 483,540   | 408,200   | 289,000   | 52,000             |           |                       | 897,129     | 89,198      | 5,970,391    | 14.45   | 413,176          |
| HERMANTOWN         | 530,432     | 1,250,420               |                           | 982     | 1,011,365   | 2,401    | 351,016            | 209,850   | 294,800   | 259,800   | 20,000             |           |                       | 884,259     | 65,682      | 5,862,482    | 12.99   | 451,307          |
| HIBBING            | 3,972,286   | 2,346,340               | 220,800                   | 4,250   | 2,798,082   | 100,611  | 908,472            | 998,925   | 1,033,800 | 959,600   |                    | 16,320    | 843,950               | 3,320,999   | 245,858     | 22,016,838   | 50.60   | 434,793          |
| HOPKINS            | 798,552     | 807,520                 | 144,640                   | 1,156   | 1,270,384   |          | 347,700            | 530,625   | 477,200   | 187,000   |                    |           |                       | 1,029,620   | 64,383      | 6,814,101    | 9.35    | 728,781          |
| HUTCHINSON         | 598,418     | 362,560                 | 186,880                   | 737     | 1,006,029   |          | 267,160            | 483,810   | 320,200   | 223,200   | 25,000             | 895,950   | 1,456,300             | 1,181,373   | 72,914      | 7,817,479    | 11.16   | 620,209          |
| INTERNATIONAL FALL | 657,975     | 420,240                 | 210,560                   | 808     | 712,272     |          | 319,948            | 441,435   | 161,800   | 157,600   |                    |           |                       | 700,259     | 43,999      | 4,634,621    | 7.88    | 588,150          |
| INVER GROVE HEIGHT | 454,677     | 1,520,280               | 144,640                   | 1,065   | 1,574,467   |          | 623,165            | 592,770   | 469,800   | 380,600   |                    |           |                       | 1,228,700   | 109,913     | 8,164,716    | 19.03   | 429,044          |
| LAKE ELMO          | 245,874     | 387,280                 | 28,800                    | 630     | 472,186     | 41,944   | 135,163            | 114,525   | 190,600   | 190,600   | 36,000             |           |                       | 445,236     | 41,932      | 2,960,695    | 9.53    | 310,671          |
| LAKEVILLE          | 1,660,206   | 4,239,480               | 202,240                   | 3,394   | 3,489,800   |          | 1,290,326          | 1,176,585 | 955,200   | 736,400   |                    |           | 362,600               | 3,151,402   | 178,216     | 20,837,362   | 36.82   | 565,925          |
| LINO LAKES         | 905,935     | 2,000,260               |                           | 1,687   | 1,152,184   | 20,209   | 563,784            |           | 326,000   | 314,000   |                    |           |                       | 1,254,600   | 47,340      | 8,271,927    | 15.70   | 526,874          |
| LITCHFIELD         | 519,241     | 1,025,880               | 34,560                    | 695     | 638,190     |          | 319,921            | 506,595   | 156,600   | 156,600   |                    |           |                       | 729,527     | 44,502      | 4,826,951    | 7.83    | 616,469          |
| LITTLE CANADA      | 235,826     | 337,840                 | 95,360                    | 383     | 394,812     |          | 181,793            | 425,910   | 142,200   | 106,000   | 29,000             | 540,000   | 99,450                | 534,834     | 29,609      | 3,535,749    | 5.30    | 565,236          |
| LITTLE FALLS       | 562,670     | 780,740                 | 115,840                   | 888     | 1,286,057   |          | 397,923            | 803,640   | 388,400   | 275,400   |                    |           |                       | 989,779     | 85,871      | 6,574,402    | 13.77   | 477,444          |
| MAHTOMEDI          |             |                         |                           |         |             |          |                    |           |           |           |                    |           |                       |             |             |              |         |                  |



| <b>Municipalities</b> | <b>Amount<br/>Available<br/>9-1-92</b> | <b>Amount<br/>Available<br/>9-1-93</b> | <b>Difference<br/>Between<br/>1992 and<br/>1993</b> | <b>Percentage of<br/>Total Amount<br/>in 1993<br/>Account</b> | <b>Ratio to<br/>the City's<br/>Construction<br/>Allotment</b> |
|-----------------------|--|--|---|---|---|
| Falcon Heights        | \$51,442                               | \$193,599                              | \$142,157   | 0.1714  | 2.9327  |
| Faribault             | 700,505                                | 810,038                                | 109,533   | 0.7170  | 1.8594  |
| Farmington            | 0                                      | 277,284                                | 277,284   | 0.2454  | 0.8967  |
| Fergus Falls          | 557,244                                | 752,757                                | 195,513   | 0.6663  | 2.5464  |
| Forest Lake           | 97,095                                 | 137,257                                | 40,162  | 0.1215  | 1.0841  |
| Fridley               | 1,432,926                              | 1,017,865                              | (415,061)   | 0.9010  | 2.1632  |
| Golden Valley         | 1,860,667                              | 2,034,284                              | 173,617   | 1.8007  | 3.7239  |
| Grand Rapids          | 385,669                                | 550,581                                | 164,912   | 0.4874  | 2.6895  |
| Ham Lake              | 420,034                                | 609,199                                | 189,165   | 0.5393  | 2.9714  |
| Hastings              | 0                                      | 292,819                                | 292,819   | 0.2592  | 1.0800  |
| Hermantown            | 854,296                                | 873,583                                | 19,287  | 0.7733  | 4.2566  |
| Hibbing               | 179,735                                | 695,132                                | 515,397   | 0.6153  | 0.9203  |
| Hopkins               | 0                                      | 0                                      | 0   | 0.0000  | 0.0000  |
| Hutchinson            | 1,036,002                              | 1,093,202                              | 57,200  | 0.9677  | 3.6360  |
| International Falls   | 259,767                                | 136,131                                | (123,636)   | 0.1205  | 0.5344  |
| Inver Grove Heights   | 717,227                                | 123,432                                | (593,795)   | 0.1093  | 0.2837  |
| Lake Elmo             | 549,364                                | 668,965                                | 119,601   | 0.5922  | 5.5933  |
| Lakeville             | 0                                      | 785,359                                | 785,359   | 0.6952  | 0.8176  |
| Lino Lakes            | 72,224                                 | 335,507                                | 263,283   | 0.2970  | 1.2967  |
| Litchfield            | 693,382                                | 812,283                                | 118,901   | 0.7190  | 6.2736  |
| Little Canada         | 168,209                                | 203,823                                | 35,614  | 0.1804  | 1.2142  |
| Little Falls          | 60,703                                 | 0                                      | (60,703)  | 0.0000  | 0.0000  |
| Mahtomedi             | 129,975                                | 0                                      | (129,975)   | 0.0000  | 0.0000  |
| Mankato               | 509,930                                | 1,077,764                              | 567,834   | 0.9540  | 1.1712  |
| Maple Grove           | 340,994                                | 177,368                                | (163,626)   | 0.1570  | 0.1913  |
| Maplewood             | 1,971,646                              | 923,124                                | (1,048,522)   | 0.8171  | 1.7230  |
| Marshall              | 239,117                                | 493,535                                | 254,418   | 0.4369  | 1.9399  |
| Mendota Heights       | 409,469                                | 522,605                                | 113,136   | 0.4626  | 3.1147  |
| Minneapolis           | 16,826,542                             | 12,143,694                             | (4,682,848)   | 10.7495   | 1.7977  |
| Minnetonka            | 4,201,588                              | 3,015,107                              | (1,186,481)   | 2.6689  | 2.2306  |
| Montevideo            | 577,002                                | 336,534                                | (240,468)   | 0.2979  | 2.0297  |
| Monticello            | 122,497                                | 95,013                                 | (27,484)  | 0.0841  | 0.7786  |
| Moorhead              | 1,896,260                              | 1,867,673                              | (28,587)  | 1.6532  | 2.8247  |
| Morris                | 137,342                                | 0                                      | (137,342)   | 0.0000  | 0.0000  |
| Mound                 | 559,158                                | 734,667                                | 175,509   | 0.6503  | 4.2154  |
| Mounds View           | 919,707                                | 1,088,539                              | 168,832   | 0.9636  | 6.4475  |
| New Brighton          | 1,140,119                              | 1,487,343                              | 347,224   | 1.3166  | 3.9558  |
| New Hope              | 412,915                                | 578,291                                | 165,376   | 0.5119  | 1.3916  |
| New Ulm               | 0                                      | 0                                      | 0   | 0.0000  | 0.0000  |
| Northfield            | 1,117,486                              | 873,078                                | (244,408)   | 0.7728  | 2.9234  |
| North Mankato         | 56,475                                 | 325,611                                | 269,136   | 0.2882  | 1.0817  |
| North St. Paul        | 333,862                                | 304,120                                | (29,742)  | 0.2692  | 1.4646  |

| <b>Municipalities</b> | <b>Amount<br/>Available<br/>9-1-92</b> | <b>Amount<br/>Available<br/>9-1-93</b> | <b>Difference<br/>Between<br/>1992 and<br/>1993</b> | <b>Percentage of<br/>Total Amount<br/>in 1993<br/>Account</b> | <b>Ratio to<br/>the City's<br/>Construction<br/>Allotment</b> |
|-----------------------|--|--|---|---|---|
| Oakdale               | \$319,639                              | \$463,182                              | \$143,543   | 0.4100  | 1.2430  |
| Orono                 | 927,233                                | 1,152,759                              | 225,526   | 1.0204  | 5.1110  |
| Otsego                | 211,714                                | 193,389                                | (18,325)  | 0.1712  | 0.8110  |
| Owatonna              | 658,886                                | 803,794                                | 144,908   | 0.7115  | 1.3996  |
| Plymouth              | 2,931,460                              | 3,254,191                              | 322,731   | 2.8806  | 2.5733  |
| Prior Lake            | 894,644                                | 982,546                                | 87,902  | 0.8697  | 3.3490  |
| Ramsey                | 697,979                                | 637,119                                | (60,860)  | 0.5640  | 2.0853  |
| Red Wing              | 1,332,349                              | 880,770                                | (451,579)   | 0.7796  | 1.9387  |
| Richfield             | 2,692,790                              | 3,042,015                              | 349,225   | 2.6928  | 3.9959  |
| Robbinsdale           | 553,575                                | 221,620                                | (331,955)   | 0.1962  | 0.6343  |
| Rochester             | 2,719,447                              | 2,970,789                              | 251,342   | 2.6297  | 1.8349  |
| Rosemount             | 363,462                                | 0                                      | (363,462)   | 0.0000  | 0.0000  |
| Roseville             | 1,332,407                              | 1,369,024                              | 36,617  | 1.2118  | 2.1956  |
| St. Anthony           | 208,642                                | 301,972                                | 93,330  | 0.2673  | 2.6115  |
| St. Cloud             | 417,925                                | 553,554                                | 135,629   | 0.4900  | 0.6306  |
| St. Louis Park        | 1,750,817                              | 946,151                                | (804,666)   | 0.8375  | 1.4096  |
| St. Paul              | 22,231,686                             | 10,239,375                             | (11,992,311)  | 9.0638  | 1.6647  |
| St. Peter             | 292,442                                | 415,634                                | 123,192   | 0.3679  | 1.8547  |
| Sartell               | 132,021                                | 143,850                                | 11,829  | 0.1273  | 0.9375  |
| Sauk Rapids           | 721,175                                | 721,125                                | (50)  | 0.6383  | 3.2214  |
| Savage                | 0                                      | 38,642                                 | 38,642  | 0.0342  | 0.1097  |
| Shakopee              | 972,297                                | 1,083,034                              | 110,737   | 0.9587  | 3.4994  |
| Shoreview             | 155,763                                | 372,190                                | 216,427   | 0.3295  | 0.7664  |
| Shorewood             | 475,664                                | 657,489                                | 181,825   | 0.5820  | 3.6161  |
| South St. Paul        | 985,321                                | 1,217,844                              | 232,523   | 1.0780  | 3.2601  |
| Spring Lake Park      | 244,355                                | 354,219                                | 109,864   | 0.3136  | 3.3190  |
| Stillwater            | 1,349,486                              | 1,565,214                              | 215,728   | 1.3855  | 4.2414  |
| Thief River Falls     | 367,263                                | 615,641                                | 248,378   | 0.5450  | 2.1593  |
| Vadnais Heights       | 35,612                                 | 0                                      | (35,612)  | 0.0000  | 0.0000  |
| Virginia              | 241,019                                | 64,853                                 | (176,166)   | 0.0574  | 0.2592  |
| Waite Park            | 0                                      | 0                                      | 0   | 0.0000  | 0.0000  |
| Waseca                | 198,320                                | 0                                      | (198,320)   | 0.0000  | 0.0000  |
| West St. Paul         | 409,048                                | 684,174                                | 275,126   | 0.6056  | 1.9390  |
| White Bear Lake       | 531,948                                | 553,436                                | 21,488  | 0.4899  | 1.1422  |
| Willmar               | 204,166                                | 212,057                                | 7,891   | 0.1877  | 0.4921  |
| Winona                | 614,922                                | 283,431                                | (331,491)   | 0.2509  | 0.5457  |
| Woodbury              | 1,988,949                              | 2,058,872                              | 69,923  | 1.8225  | 2.1269  |
| Worthington           | 1,077,930                              | 772,172                                | (305,758)   | 0.6835  | 2.7873  |
| <b>TOTAL</b>          | <b>\$129,836,670</b>                   | <b>\$112,970,238</b>                   | <b>(\$16,866,432)</b>                               | <b>100.0000</b>   | <b>1.7630</b>   |

# UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 1992)  
(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) Unamortized bond balance minus unencumbered balance = bond account adjustment.

|                  |               | (A)             | (B)                                      | (C)  | (D)                            | (E)                     |                         |
|------------------|---------------|-----------------|--|--|--------------------------------|-------------------------|-------------------------|
|                  |               |                 | Total                                    | (A Minus B)                                  | Remaining                      |                         | (D Minus C)             |
| Municipality     | Date of Issue | Amount of Issue | Amount Applied Toward State Aid Projects | Amount Not Applied Toward State Aid Projects | Amount of Principal To Be Paid | Off System Disbursement | Bond Account Adjustment |
| Andover          | 9-01-84       | \$510,000       | \$510,000                                | \$0  | \$110,000                      |                         | \$110,000               |
| Andover          | 8-01-88       | 500,000         | 500,000                                  | 0  | 300,000                        |                         | 300,000                 |
| Anoka            | 7-01-86       | 985,000         | 552,765                                  | 432,235                                      | 405,000                        |                         | (27,235)                |
| Apple Valley     | 12-01-74      | 100,000         | 100,000                                  | 0  | 15,000                         |                         | 15,000                  |
| Apple Valley     | 8-01-79       | 875,000         | 875,000                                  | 0  | 545,000                        |                         | 545,000                 |
| Apple Valley     | 09-09-91      | 1,730,000       | 1,730,000                                | 0  | 1,675,000                      |                         | 1,675,000               |
| Brainerd         | 10-01-85      | 430,000         | 430,000                                  | 0  | 120,000                        |                         | 120,000                 |
| Brooklyn Center  | 9-01-91       | 3,000,000       | 2,238,816                                | 761,184                                      | 2,885,000                      |                         | 2,123,816               |
| Coon Rapids      | 8-01-90       | 1,935,000       | 1,935,000                                | 0  | 1,165,000                      |                         | 1,165,000               |
| Cottage Grove    | 5-01-77       | 560,000         | 541,186                                  | 18,814                                       | 155,000                        |                         | 136,186                 |
| Eagan            | 7-01-86       | 3,000,000       | 3,000,000                                | 0  | 1,945,000                      |                         | 1,945,000               |
| East Grand Forks | 9-01-65       | 325,000         | 325,000                                  | 0  | 45,000                         |                         | 45,000                  |

|                 |               | (A)                 | (B)  | (C)  | (D)                                      | (E)                     | (D Minus C)             |
|-----------------|---------------|---------------------|--|--|--|-------------------------|-------------------------|
| Municipality    | Date of Issue | Amount of Issue     | Total Amount Applied Toward State Aid Projects | (A Minus B) Amount Not Applied Toward State Aid Projects | Remaining Amount of Principal To Be Paid | Off System Disbursement | Bond Account Adjustment |
| Eden Prairie    | 12-01-82      | \$2,300,000         | \$2,211,663                                    | \$88,337   | \$450,000                                |                         | \$361,663               |
| Eden Prairie    | 07-01-92      | 1,940,000           | 0  | 1,940,000  | 1,940,000                                |                         | 0                       |
| Elk River       | 12-01-82      | 1,095,000           | 878,002  | 216,998  | 1,095,000                                |                         | 878,002                 |
| Falcon Heights  | 4-21-80       | 170,000             | 142,012  | 27,988   | 0  |                         | (27,988)                |
| Little Canada   | 10-01-81      | 225,000             | 225,000  | 0  | 60,000                                   |                         | 60,000                  |
| Little Canada   | 8-01-86       | 340,000             | 340,000  | 0  | 305,000                                  |                         | 305,000                 |
| Maple Grove     | 7-16-79       | 1,100,000           | 1,080,299                                      | 19,701   | 0  |                         | (19,701)                |
| Marshall        | 7-01-81       | 310,000             | 235,496  | 74,504   | 0  |                         | (74,504)                |
| Mendota Heights | 3-01-75       | 360,000             | 360,000  | 0  | 75,000                                   |                         | 75,000                  |
| North Mankato   | 6-01-86       | 550,000             | 550,000  | 0  | 220,000                                  |                         | 220,000                 |
| Oakdale         | 11-10-92      | 650,000             | 468,257  | 181,743  | 650,000                                  |                         | 468,257                 |
| Ramsey          | 03-13-91      | 500,000             | 500,000  | 0  | 400,000                                  |                         | 400,000                 |
| Roseville       | 12-01-85      | 2,225,000           | 2,225,000                                      | 0  | 1,675,000                                |                         | 1,675,000               |
| St. Cloud       | 07-01-82      | 390,000             | 390,000  | 0  | 200,000                                  |                         | 200,000                 |
| St. Cloud       | 09-01-83      | 500,000             | 500,000  | 0  | 110,000                                  |                         | 110,000                 |
| St. Cloud       | 11-01-92      | 1,940,000           | 1,755,000                                      | 185,000  | 1,940,000                                |                         | 1,755,000               |
| St. Paul        | **            | **                  | **   | **   | **                                       |                         | 40,279                  |
| Savage          | 10-01-87      | 875,000             | 875,000  | 0  | 475,000                                  |                         | 475,000                 |
| Woodbury        | 11-12-75      | 263,000             | 262,050  | 950  | 0  |                         | (950)                   |
| <b>TOTAL</b>    |               | <b>\$29,683,000</b> | <b>\$25,735,546</b>                            | <b>\$3,947,454</b>                                       | <b>\$18,960,000</b>                      | <b>\$0</b>              | <b>\$15,052,825</b>     |

\*\* St. Paul – Improvement bond issue not included.

## **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.

| <b>Municipality</b>   | <b>First Year<br/>of<br/>Adjustment</b> | <b>Year of<br/>Apportionment<br/>Expiration</b> | <b>Amount</b>       |
|-----------------------|---|---|---------------------|
| <b>Bloomington</b>    | 1987 & 1990                             | 2001 & 2004                                     | \$2,326,375         |
| <b>Burnsville</b>     | 1986                                    | 2000  | 349,684             |
| * <b>Duluth</b>       | 1987                                    | 2001  | 1,054,200           |
| <b>Eden Prairie</b>   | 1985                                    | 1999  | 974,299             |
| <b>Grand Rapids</b>   | 1980                                    | 1994  | 553,858             |
| <b>Hastings</b>       | 1983                                    | 1997  | 233,038             |
| <b>Hutchinson</b>     | 1980                                    | 1994  | 570,793             |
| <b>Minneapolis</b>    | 1983 & 1986                             | 1997 & 2000                                     | 1,493,191           |
| <b>Red Wing</b>       | 1980 & 1986                             | 1994 & 2000                                     | 1,145,475           |
| <b>Roseville</b>      | 1987                                    | 2001  | 2,814,714           |
| <b>St. Louis Park</b> | 1980                                    | 1994  | 1,356,666           |
| <b>St. Paul</b>       | 1983                                    | 1997  | 320,857             |
| <b>TOTAL</b>          |   |   | <b>\$13,193,150</b> |

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



# PROJECT LISTING OF RIGHT-OF-WAY ACQUISITION IN 1992

| MUNICIPALITY        | PROJECT    | PROJECT<br>AMOUNT | TOTAL<br>ADJUSTMENT |
|---------------------|------------|-------------------|---------------------|
| Blaine              | 106-101-04 | \$83,781          | \$83,781            |
| Brooklyn Center     | 109-125-03 | 1,575,780         | 1,575,780           |
| Coon Rapids         | 114-120-03 | 7,000             | 7,000               |
| Corcoran            | 215-103-02 | 5,762             | 5,762               |
| Cottage Grove       | 180-102-13 | 359,561           | 359,561             |
| Crystal             | 116-326-02 | 883,500           | 883,500             |
| Duluth              | 118-160-02 | 7,000             | 7,000               |
| Inver Grove Heights | 178-102-09 | 31,200            |                     |
|                     | 178-104-03 | 143,600           |                     |
|                     |            |                   | 174,800             |
| Little Falls        | 136-114-05 | 73,458            |                     |
|                     | 136-129-01 | 86,198            |                     |
|                     |            |                   | 159,656             |
| Minneapolis         | 141-194-08 | 202,324           |                     |
|                     | 141-223-16 | 460,755           |                     |
|                     | 141-281-11 | 475,048           |                     |
|                     | 141-345-01 | 1,575,041         |                     |
|                     |            |                   | 2,713,168           |
| Oakdale             | 185-121-00 | 143,800           |                     |
|                     | 185-237-01 | 7,110             |                     |
|                     | 185-231-03 | 500               |                     |
|                     |            |                   | 151,410             |
| Rochester           | 159-126-06 | 260,098           | 260,098             |
| Roseville           | 160-246-02 | 277,721           | 277,721             |
| St. Paul            | 164-157-16 | 758,758           |                     |
|                     | 164-194-23 | 9,550             |                     |
|                     | 164-249-03 | 527,042           |                     |
|                     | 164-125-21 | 7,866             |                     |
|                     |            |                   | 1,303,216           |
| <b>Total</b>        |            |                   | <b>\$7,962,453</b>  |

# NEEDS ADJUSTMENT FOR RIGHT-OF-WAY ACQUISITION

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

| MUNICIPALITY     | 1977-1991<br>RIGHT-OF-WAY<br>EXPENDITURES | + | 1992<br>RIGHT-OF-WAY<br>EXPENDITURES | - | 1977<br>EXPIRED<br>RIGHT-OF-WAY<br>EXPENDITURES | = | TOTAL<br>RIGHT-OF-WAY<br>ADJUSTMENT<br>FOR 1994<br>APPORTIONMENT |
|------------------|---|---|--------------------------------------|---|---|---|--|
| Albert Lea       | --  |   | --                                   |   | --  |   | --   |
| Alexandria       | --  |   | --                                   |   | --  |   | --   |
| Andover          | \$147,283                                 |   | --                                   |   | --  |   | \$147,283  |
| Anoka            | 216,505                                   |   | --                                   |   | --  |   | 216,505  |
| Apple Valley     | --  |   | --                                   |   | --  |   | --   |
| Arden Hills      | --  |   | --                                   |   | --  |   | --   |
| Austin           | --  |   | --                                   |   | --  |   | --   |
| Bemidji          | 220,201                                   |   | --                                   |   | --  |   | 220,201  |
| Blaine           | 71,141                                    |   | \$83,781                             |   | --  |   | 154,922  |
| Bloomington      | 832,491                                   |   | --                                   |   | --  |   | 832,491  |
| Brainerd         | --  |   | --                                   |   | --  |   | --   |
| Brooklyn Center  | 947,561                                   |   | 1,575,780                            |   | --  |   | 2,523,341  |
| Brooklyn Park    | 6,632                                     |   | --                                   |   | --  |   | 6,632  |
| Buffalo          | --  |   | --                                   |   | --  |   | --   |
| Burnsville       | 1,328,186                                 |   | --                                   |   | --  |   | 1,328,186  |
| Cambridge        | --  |   | --                                   |   | --  |   | --   |
| Champlin         | 120,394                                   |   | --                                   |   | --  |   | 120,394  |
| Chanhassen       | 65,000                                    |   | --                                   |   | --  |   | 65,000   |
| Chaska           | 92,467                                    |   | --                                   |   | --  |   | 92,467   |
| Chisholm         | --  |   | --                                   |   | --  |   | --   |
| Cloquet          | 73,539                                    |   | --                                   |   | --  |   | 73,539   |
| Columbia Heights | 133,200                                   |   | --                                   |   | --  |   | 133,200  |
| Coon Rapids      | 1,003,152                                 |   | 7,000                                |   | --  |   | 1,010,152  |
| Corcoran         | --  |   | 5,762                                |   | --  |   | 5,762  |
| Cottage Grove    | 66,103                                    |   | 359,561                              |   | --  |   | 425,664  |
| Crookston        | 1,108,538                                 |   | --                                   |   | --  |   | 1,108,538  |
| Crystal          | 3,219,277                                 |   | 883,500                              |   | --  |   | 4,102,777  |
| Detroit Lakes    | --  |   | --                                   |   | --  |   | --   |
| Duluth           | 125,849                                   |   | 7,000                                |   | --  |   | 132,849  |
| 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                                     |   | --                                   |   | --  |   | 8,000  |
| Fairmont         | 74,988                                    |   | --                                   |   | --  |   | 74,988   |
| Falcon Heights   | --  |   | --                                   |   | --  |   | --   |
| Faribault        | 2,346                                     |   | --                                   |   | --  |   | 2,346  |
| Farmington       | 23,046                                    |   | --                                   |   | --  |   | 23,046   |

| MUNICIPALITY        | 1977-1991<br>RIGHT-OF-WAY<br>EXPENDITURES | + | 1992<br>RIGHT-OF-WAY<br>EXPENDITURES | - | 1977<br>EXPIRED<br>RIGHT-OF-WAY<br>EXPENDITURES | = | TOTAL<br>RIGHT-OF-WAY<br>ADJUSTMENT<br>FOR 1994<br>APPORTIONMENT |
|---------------------|---|---|--------------------------------------|---|---|---|--|
| Fergus Falls        | \$67,200                                  |   | --                                   |   | --  |   | \$67,200   |
| Forest Lake         | --  |   | --                                   |   | --  |   | --   |
| Fridley             | 5,205                                     |   | --                                   |   | (\$5,205)                                       |   | --   |
| Golden Valley       | 1,140,625                                 |   | --                                   |   | --  |   | 1,140,625  |
| Grand Rapids        | --  |   | --                                   |   | --  |   | --   |
| Ham Lake            | 26,016                                    |   | --                                   |   | --  |   | 26,016   |
| Hastings            | 17,620                                    |   | --                                   |   | --  |   | 17,620   |
| Hermantown          | 45,608                                    |   | --                                   |   | --  |   | 45,608   |
| Hibbing             | 78,725                                    |   | --                                   |   | --  |   | 78,725   |
| Hopkins             | --  |   | --                                   |   | --  |   | --   |
| Hutchinson          | --  |   | --                                   |   | --  |   | --   |
| International Falls | --  |   | --                                   |   | --  |   | --   |
| Inver Grove Heights | 958,329                                   |   | \$174,800                            |   | (20,997)  |   | 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        | 131,745                                   |   | 159,656                              |   | --  |   | 291,401  |
| Mahtomedi           | --  |   | --                                   |   | --  |   | --   |
| Mankato             | 424,406                                   |   | --                                   |   | --  |   | 424,406  |
| Maple Grove         | 541,486                                   |   | --                                   |   | --  |   | 541,486  |
| Maplewood           | --  |   | --                                   |   | --  |   | --   |
| Marshall            | 60,338                                    |   | --                                   |   | --  |   | 60,338   |
| Mendota Heights     | 8,970                                     |   | --                                   |   | --  |   | 8,970  |
| Minneapolis         | 6,600,348                                 |   | 2,713,168                            |   | (310,285)                                       |   | 9,003,231  |
| Minnetonka          | 282,150                                   |   | --                                   |   | --  |   | 282,150  |
| Montevideo          | --  |   | --                                   |   | --  |   | --   |
| Monticello          | --  |   | --                                   |   | --  |   | --   |
| Moorhead            | 80,305                                    |   | --                                   |   | --  |   | 80,305   |
| Morris              | 15,476                                    |   | --                                   |   | (13,097)  |   | 2,379  |
| Mound               | 107,446                                   |   | --                                   |   | --  |   | 107,446  |
| Mounds View         | --  |   | --                                   |   | --  |   | --   |
| New Brighton        | --  |   | --                                   |   | --  |   | --   |
| New Hope            | 183,000                                   |   | --                                   |   | --  |   | 183,000  |
| New Ulm             | --  |   | --                                   |   | --  |   | --   |
| Northfield          | 8,850                                     |   | --                                   |   | --  |   | 8,850  |
| North Mankato       | 395,146                                   |   | --                                   |   | --  |   | 395,146  |
| North St. Paul      | 78,068                                    |   | --                                   |   | --  |   | 78,068   |
| Oakdale             | 59,819                                    |   | 151,410                              |   | --  |   | 211,229  |
| Orono               | --  |   | --                                   |   | --  |   | --   |
| Otsego              | --  |   | --                                   |   | --  |   | --   |

| MUNICIPALITY      | 1977-1991<br>RIGHT-OF-WAY<br>EXPENDITURES | + | 1992<br>RIGHT-OF-WAY<br>EXPENDITURES | - | 1977<br>EXPIRED<br>RIGHT-OF-WAY<br>EXPENDITURES | = | TOTAL<br>RIGHT-OF-WAY<br>ADJUSTMENT<br>FOR 1994<br>APPORTIONMENT |
|-------------------|---|---|--------------------------------------|---|---|---|--|
| Owatonna          | \$34,121                                  |   | --                                   |   | (\$34,121)                                      |   | --   |
| Plymouth          | 108,205                                   |   | --                                   |   | --  |   | \$108,205  |
| Prior Lake        | 209,125                                   |   | --                                   |   | --  |   | 209,125  |
| Ramsey            | 180,075                                   |   | --                                   |   | --  |   | 180,075  |
| Red Wing          | 62,176                                    |   | --                                   |   | --  |   | 62,176   |
| Richfield         | 2,904,571                                 |   | --                                   |   | --  |   | 2,904,571  |
| Robbinsdale       | --  |   | --                                   |   | --  |   | --   |
| Rochester         | 3,463,291                                 |   | 260,098                              |   | --  |   | 3,723,389  |
| Rosemount         | --  |   | --                                   |   | --  |   | --   |
| Roseville         | 1,383,005                                 |   | 277,721                              |   | --  |   | 1,660,726  |
| St. Anthony       | --  |   | --                                   |   | --  |   | --   |
| St. Cloud         | 1,175,435                                 |   | --                                   |   | --  |   | 1,175,435  |
| St. Louis Park    | 43,752                                    |   | --                                   |   | --  |   | 43,752   |
| St. Paul          | 3,040,584                                 |   | 1,303,216                            |   | (638,881)                                       |   | 3,704,919  |
| St. Peter         | --  |   | --                                   |   | --  |   | --   |
| Sartell           | --  |   | --                                   |   | --  |   | --   |
| Sauk Rapids       | 9,834                                     |   | --                                   |   | --  |   | 9,834  |
| 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                                   |   | --                                   |   | --  |   | 239,908  |
| Worthington       | 26,842                                    |   | --                                   |   | --  |   | 26,842   |
| <b>TOTAL</b>      | <b>\$35,964,743</b>                       |   | <b>\$7,962,453</b>                   |   | <b>(\$1,022,586)</b>                            |   | <b>\$42,904,610</b>  |

# **1992 BITUMINOUS OVERLAY AND CONCRETE JOINT REPAIR ADJUSTMENTS**

| <b>MUNICIPALITY</b> | <b>IMPROVEMENT</b>      | <b>PROJECT<br/>NUMBER</b> | <b>ADJUSTMENT<br/>FOR PROJECTS<br/>CONSTRUCTED<br/>IN 1992</b> |
|---------------------|-------------------------|---------------------------|--|
| Blaine              | Bit. overlay etc.       | 106-109-06                | \$51,948   |
|                     |                         | 106-111-02                | 36,498   |
|                     |                         | 106-110-02                | 36,410   |
|                     |                         | 106-117-03                | 48,140   |
|                     |                         |                           | <u>\$172,996</u>   |
| Duluth              | Bit. overlay etc.       | 118-152-10                | \$5,390  |
| Fridley             | Bit. overlay etc.       | 127-303-04                | 75,407   |
|                     |                         | 127-316-04                | 10,397   |
|                     |                         | 127-321-03                | 31,152   |
|                     |                         | 127-333-01                | 48,601   |
|                     |                         | 127-338-02                | 79,574   |
|                     |                         | 127-346-01                | <u>44,012</u>  |
|                     |                         |                           | <u>\$289,143</u>   |
| Mankato             | Conc. joint repair etc. | 137-105-04                | 21,172   |
|                     |                         | 137-106-04                | 17,013   |
|                     |                         | 137-108-07                | 11,276   |
|                     |                         | 137-109-04                | 15,254   |
|                     | Bit. overlay etc.       | 137-113-08                | 25,764   |
|                     |                         | 137-116-04                | <u>11,868</u>  |
|                     |                         |                           | <u>\$102,347</u>   |
| Maplewood           | Bit. overlay etc.       | 138-111-02                | \$28,375   |
| New Hope            | Bit. overlay etc.       | 182-101-10                | 5,460  |
|                     |                         | 182-102-02                | <u>26,946</u>  |
|                     |                         |                           | <u>\$32,406</u>  |
| North St. Paul      | Bit. overlay etc.       | 151-248-09                | 19,921   |
|                     |                         | 151-255-03                | <u>56,058</u>  |
|                     |                         |                           | <u>\$75,979</u>  |
| Richfield           | Conc. joint repair etc. | 157-361-15                | \$26,695   |
| Robbinsdale         | Bit. overlay etc.       | 158-297-12                | \$217,974  |
| St. Cloud           | Bit. overlay etc.       | 162-132-13                | \$12,369   |
| Winona              | Bit. overlay etc.       | 176-104-13                | 146,754  |
|                     |                         | 176-105-04                | <u>23,360</u>  |
|                     |                         |                           | <u>\$170,114</u>   |
| <b>TOTAL</b>        |                         |                           | <b>\$1,133,788</b>   |

**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 STAT 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.

| <b>MUNICIPALITY</b> | <b>1991-1992<br/>ADJUSTMENTS</b> | <b>+</b> | <b>1993<br/>ADJUSTMENTS</b> | <b>=</b> | <b>TOTAL NEEDS<br/>ADJUSTMENT<br/>FOR THE 1994<br/>APPORTIONMENT</b> |
|---------------------|----------------------------------|----------|-----------------------------|----------|--|
| ALBERT LEA          | \$63,700                         |          | --                          |          | \$63,700   |
| ALEXANDRIA          | 85,966                           |          | --                          |          | 85,966   |
| ANOKA               | 14,214                           |          | --                          |          | 14,214   |
| BLAINE              | --                               |          | 172,996                     |          | 172,996  |
| BLOOMINGTON         | 66,884                           |          | --                          |          | 66,884   |
| COLUMBIA HEIGHTS    | 197,318                          |          | --                          |          | 197,318  |
| CROOKSTON           | 2,000                            |          | --                          |          | 2,000  |
| CRYSTAL             | 8,257                            |          | --                          |          | 8,257  |
| DULUTH              | 1,014,618                        |          | 5,390                       |          | 1,020,008  |
| FERGUS FALLS        | 40,902                           |          | --                          |          | 40,902   |
| FRIDLEY             | --                               |          | 289,143                     |          | 289,143  |
| HERMANTOWN          | 182,219                          |          | --                          |          | 182,219  |
| MANKATO             | --                               |          | 102,347                     |          | 102,347  |
| MAPLEWOOD           | --                               |          | 28,375                      |          | 28,375   |
| MINNEAPOLIS         | 71,714                           |          | --                          |          | 71,714   |
| MOORHEAD            | 204,508                          |          | --                          |          | 204,508  |
| NEW HOPE            | 174,832                          |          | 32,406                      |          | 207,238  |
| NORTH ST PAUL       | 278,676                          |          | 75,979                      |          | 354,655  |
| RICHFIELD           | --                               |          | 26,695                      |          | 26,695   |
| ROBBINSDALE         | --                               |          | 217,974                     |          | 217,974  |
| ROCHESTER           | 170,511                          |          | --                          |          | 170,511  |
| ST. CLOUD           | --                               |          | 12,369                      |          | 12,369   |
| ST. PAUL            | 230,500                          |          | --                          |          | 230,500  |
| SO. ST. PAUL        | 11,288                           |          | --                          |          | 11,288   |
| THIEF RIVER FALLS   | 27,407                           |          | --                          |          | 27,407   |
| WILLMAR             | 50,418                           |          | --                          |          | 50,418   |
| WINONA              | 4,921                            |          | 170,114                     |          | 175,035  |
| <b>TOTAL</b>        | <b>\$2,900,853</b>               |          | <b>\$1,133,788</b>          |          | <b>\$4,034,641</b>   |

## TRUNK HIGHWAY TURNBACKS

The following tabulation shows the Trunk Highway Turnback Maintenance allowance for the 1994 Apportionment. All turnbacks eligible for maintenance payments are included in this tabulation as of December 31, 1993. The total turnback maintenance apportionment has been computed in accordance with the 1967 Screening Board Resolution. (See Trunk Highway Turnback resolution.)

| Msas<br>Route<br>No.                    | Date<br>of<br>Release | Total<br>Mileage    | Plan<br>Approved | Miles<br>Const. | Miles<br>Eligible<br>Maint. | Date of<br>Msas<br>Designation | Maintenance<br>Allowance<br>Eligible Miles<br>X \$7,200 | Total    |
|---|-----------------------|---------------------|------------------|-----------------|-----------------------------|--------------------------------|---|----------|
| <u>Brooklyn Park</u><br>137<br>(TH 169) | 10-88                 | 1.54                | Yes              | 0.00            | 1.54                        | 11-88                          | \$11,088  | \$11,088 |
| <u>Champlin</u><br>114<br>(TH 169)      | 10-88                 | 0.54                | Yes              | 0.00            | 0.54                        | 11-88                          | 3,888   | 3,888    |
| <u>Crookston</u><br>115<br>(TH 75)      | 11-87                 | 0.30                | Yes              | 0.00            | 0.30                        | 03-88                          | 2,160   |          |
| 144<br>(TH 75)                          | 11-87                 | <u>1.28</u><br>1.58 | Yes              | 1.08            | <u>0.20</u><br>0.50         | 03-88                          | <u>1,440</u><br>3,600                                   | 3,600    |
| <u>Duluth</u><br>107 & 108<br>(TH 2)    | 6-91                  | 0.58                | No               | 0.00            | 0.58                        | 08-91                          | 4,176   | 4,176    |
| <u>Hibbing</u><br>175 & 226<br>(TH 73)  | 6-91                  | 2.62                | No               | 0.00            | 2.62                        | 07-91                          | 18,864  | 18,864   |

| Msas<br>Route<br>No.   | Date<br>of<br>Release | Total<br>Mileage    | Plan<br>Approved | Miles<br>Const.     | Miles<br>Eligible<br>Maint. | Date of<br>Msas<br>Designation | Maintenance<br>Allowance<br>Eligible Miles<br>X \$7,200 | Total           |
|------------------------|-----------------------|---------------------|------------------|---------------------|-----------------------------|--------------------------------|---|-----------------|
| <u>Mankato</u>         |                       |                     |                  |                     |                             |                                |   |                 |
| 101<br>(TH 22)         | 4-85                  | 1.10                | No<br>Yes        | 0.86                | 0.24                        | 06-85                          | 1,728   |                 |
| 124<br>(TH 22)         |                       | <u>0.50</u><br>1.60 | No               | <u>0.00</u><br>0.86 | <u>0.50</u><br>0.74         | 01-90                          | <u>3,600</u><br>5,328                                   | 5,328           |
| <u>Maple Grove</u>     |                       |                     |                  |                     |                             |                                |   |                 |
| 128<br>(TH 169)        | 10-88                 | 0.50                | Yes              | 0.00                | 0.50                        | 11-88                          | 3,600   | 3,600           |
| <u>St. Cloud</u>       |                       |                     |                  |                     |                             |                                |   |                 |
| 115,131,145<br>(TH 15) | 10-90                 | 2.33                | No               | 0.00                | 2.33                        | 12-90                          | 16,776  | 16,776          |
| <u>Waite Park</u>      |                       |                     |                  |                     |                             |                                |   |                 |
| 105<br>(TH 23)         | 04-92                 | 0.52                | No               | 0.00                | 0.52                        | 05-92                          | 2,808   | 2,808           |
| <u>Willmar</u>         |                       |                     |                  |                     |                             |                                |   |                 |
| 153<br>(TH 23 & 71)    | 10-85                 | 3.20                | Yes              | 2.32                | 0.88                        | 01-86                          | 6,336   |                 |
| 153<br>(TH 71)         | 10-85                 | <u>0.62</u><br>3.82 | Yes              | <u>0.62</u><br>2.94 | <u>0.00</u><br>0.88         | 03-90                          |   | 6,336           |
| <b>TOTAL</b>           |                       | <b>15.09</b>        |                  | <b>4.88</b>         | <b>10.75</b>                |                                |   | <b>\$76,464</b> |



October 26, 1993

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 1993 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 1994 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

Respectfully submitted,

-----  
Alan Gray  
Chairman

-----  
Ken Larson  
Vice Chairman

-----  
Dave Sonnenberg  
Secretary

Approved by:

-----  
Jim Prusak  
District 1

-----  
David Kildahl  
District 2

-----  
Sidney Williamson  
District 3

-----  
Herb Reimer  
District 4

-----  
Larry Anderson  
Metro-West

-----  
Arnold Putnam  
District 6

-----  
Ken Saffert  
District 7

-----  
Dale Swanson  
District 8

-----  
Brian Bachmeier  
Metro-East

-----  
Kenneth Larson  
Duluth

-----  
Bo Spurrier  
Minneapolis

-----  
Thomas Kuhfeld  
St. Paul

Attachment: Money Needs Listing

## 1993 ADJUSTED MONEY NEEDS RECOMMENDATIONS

| <b>Municipality</b> | <b>Adjusted Money Needs</b> | <b>Municipality</b> | <b>Adjusted Money Needs</b> |
|---------------------|-----------------------------|---------------------|-----------------------------|
| Albert Lea          | \$9,821,412                 | Fergus Falls        | \$7,746,436                 |
| Alexandria          | 6,725,881                   | Forest Lake         | 2,426,564                   |
| Andover             | 13,836,614                  | Fridley             | 8,696,631                   |
| Anoka               | 5,772,747                   | Golden Valley       | 12,963,545                  |
| Apple Valley        | 15,930,557                  | Grand Rapids        | 5,026,822                   |
| Arden Hills         | 2,319,417                   | Ham Lake            | 3,057,230                   |
| Austin              | 15,504,957                  | Hastings            | 5,928,230                   |
| Bemidji             | 8,046,877                   | Hermantown          | 4,852,288                   |
| Blaine              | 17,451,252                  | Hibbing             | 21,400,431                  |
| Bloomington         | 58,221,338                  | Hopkins             | 6,814,101                   |
| Brainerd            | 4,900,301                   | Hutchinson          | 7,295,070                   |
| Brooklyn Center     | 15,827,105                  | International Falls | 4,498,490                   |
| Brooklyn Park       | 13,269,059                  | Inver Grove Heights | 9,153,416                   |
| Buffalo             | 4,251,012                   | Lake Elmo           | 2,392,371                   |
| Burnsville          | 19,684,769                  | Lakeville           | 20,222,257                  |
| Cambridge           | 4,220,832                   | Lino Lakes          | 8,001,370                   |
| Champlin            | 4,963,995                   | Litchfield          | 4,014,668                   |
| Chanhassen          | 12,210,031                  | Little Canada       | 3,740,226                   |
| Chaska              | 8,753,201                   | Little Falls        | 6,865,803                   |
| Chisholm            | 3,499,842                   | Mahtomedi           | 1,912,350                   |
| Cloquet             | 11,771,709                  | Mankato             | 17,886,941                  |
| Columbia Heights    | 6,169,676                   | Maple Grove         | 24,017,535                  |
| Coon Rapids         | 17,822,410                  | Maplewood           | 10,897,142                  |
| Corcoran            | 5,646,363                   | Marshall            | 2,578,539                   |
| Cottage Grove       | 15,878,750                  | Mendota Heights     | 4,363,158                   |
| Crookston           | 11,007,343                  | Minneapolis         | 187,768,853                 |
| Crystal             | 16,414,693                  | Minnnetonka         | 24,845,148                  |
| Detroit Lakes       | 3,635,946                   | Montevideo          | 3,761,168                   |
| Duluth              | 64,048,666                  | Monticello          | 3,442,913                   |
| Eagan               | 16,879,982                  | Moorhead            | 12,541,017                  |
| East Bethel         | 3,898,029                   | Morris              | 2,401,260                   |
| East Grand Forks    | 3,943,045                   | Mound               | 2,913,605                   |
| Eden Prairie        | 23,221,892                  | Mounds View         | 1,133,253                   |
| Edina               | 16,588,182                  | New Brighton        | 5,669,050                   |
| Elk River           | 11,224,731                  | New Hope            | 8,708,646                   |
| Fairmont            | 15,494,375                  | New Ulm             | 7,910,226                   |
| Falcon Heights      | 147,136                     | Northfield          | 6,430,454                   |
| Faribault           | 11,521,019                  | North Mankato       | 6,013,043                   |
| Farmington          | 5,485,713                   | North St. Paul      | 3,247,057                   |

| <b>Municipality</b> | <b>Adjusted<br/>Money Needs</b> |
|---------------------|---------------------------------|
| Oakdale             | \$8,307,581                     |
| Orono               | 8,083,599                       |
| Otsego              | 8,146,164                       |
| Owatonna            | 11,457,387                      |
| Plymouth            | 21,965,788                      |
| Prior Lake          | 6,681,837                       |
| Ramsey              | 10,076,217                      |
| Red Wing            | 14,497,990                      |
| Richfield           | 17,879,401                      |
| Robbinsdale         | 4,983,124                       |
| Rochester           | 36,330,106                      |
| Rosemount           | 10,597,472                      |
| Roseville           | 12,254,372                      |
| St. Anthony         | 2,852,395                       |
| St. Cloud           | 19,197,404                      |
| St. Louis Park      | 14,386,778                      |
| St. Paul            | 151,844,583                     |
| St. Peter           | 5,914,872                       |
| Sartell             | 2,631,583                       |
| Sauk Rapids         | 4,142,054                       |
| Savage              | 12,860,769                      |
| Shakopee            | 8,204,676                       |
| Shoreview           | 3,775,063                       |
| Shorewood           | 5,093,652                       |
| South St. Paul      | 6,432,172                       |
| Spring Lake Park    | 1,601,506                       |
| Stillwater          | 6,205,735                       |
| Thief River Falls   | 7,053,397                       |
| Vadnais Heights     | 2,253,100                       |
| Virginia            | 7,299,743                       |
| Waite Park          | 3,138,049                       |
| Waseca              | 1,954,336                       |
| West St. Paul       | 3,931,300                       |
| White Bear Lake     | 9,800,302                       |
| Willmar             | 10,685,338                      |
| Winona              | 11,251,948                      |
| Woodbury            | 26,231,295                      |
| Worthington         | 5,321,688                       |
| <b>STATE TOTAL</b>  | <b>\$1,494,872,942</b>          |

## THEORETICAL 1994 M.S.A.S. TOTAL APPORTIONMENT

The following tabulation shows each municipality's tentative money needs and population apportionment amounts for 1994. The tentative apportionment shown in this summary are for INFORMATIONAL PURPOSES ONLY.

The actual revenue will be announced in January, 1994, when the Commissioner of Transportation determines the annual Municipal State Aid allotment.

| Municipalities   | Population<br>Apportionment | Money Needs<br>Apportionment | Estimated<br>1994 total<br>Apportionment | Distribution<br>Percentage |
|------------------|-----------------------------|------------------------------|--|----------------------------|
| Albert Lea       | \$270,368                   | \$272,005                    | \$542,373                                | 0.6538                     |
| Alexandria       | 118,557                     | 186,274                      | 304,831                                  | 0.3675                     |
| Andover          | 224,681                     | 383,206                      | 607,887                                  | 0.7328                     |
| Anoka            | 253,859                     | 159,877                      | 413,736                                  | 0.4988                     |
| Apple Valley     | 510,878                     | 441,198                      | 952,076                                  | 1.1477                     |
| Arden Hills      | 135,834                     | 64,236                       | 200,070                                  | 0.2412                     |
| Austin           | 323,614                     | 429,411                      | 753,025                                  | 0.9078                     |
| Bemidji          | 164,864                     | 222,859                      | 387,723                                  | 0.4674                     |
| Blaine           | 575,509                     | 483,314                      | 1,058,823                                | 1.2764                     |
| Bloomington      | 1,274,833                   | 1,612,445                    | 2,887,278                                | 3.4806                     |
| Brainerd         | 182,406                     | 135,714                      | 318,120                                  | 0.3835                     |
| Brooklyn Center  | 426,549                     | 438,333                      | 864,882                                  | 1.0426                     |
| Brooklyn Park    | 832,529                     | 378,576                      | 1,211,105                                | 1.4600                     |
| Buffalo          | 101,237                     | 117,732                      | 218,969                                  | 0.2640                     |
| Burnsville       | 757,325                     | 545,172                      | 1,302,497                                | 1.5701                     |
| Cambridge        | 75,278                      | 116,896                      | 192,174                                  | 0.2317                     |
| Champlin         | 248,794                     | 141,366                      | 390,160                                  | 0.4703                     |
| Chanhassen       | 173,236                     | 338,158                      | 511,394                                  | 0.6165                     |
| Chaska           | 167,433                     | 242,421                      | 409,854                                  | 0.4941                     |
| Chisholm         | 78,113                      | 96,928                       | 175,041                                  | 0.2110                     |
| Cloquet          | 160,729                     | 326,019                      | 486,748                                  | 0.5868                     |
| Columbia Heights | 279,227                     | 170,870                      | 450,097                                  | 0.5426                     |
| Coon Rapids      | 782,279                     | 493,593                      | 1,275,872                                | 1.5380                     |
| Corcoran         | 76,769                      | 156,377                      | 233,146                                  | 0.2811                     |
| Cottage Grove    | 338,661                     | 439,763                      | 778,424                                  | 0.9384                     |
| Crookston        | 119,886                     | 308,449                      | 428,335                                  | 0.5164                     |
| Crystal          | 351,256                     | 454,606                      | 805,862                                  | 0.9715                     |
| Detroit Lakes    | 105,504                     | 100,698                      | 206,202                                  | 0.2486                     |
| Duluth           | 1,262,400                   | 1,778,010                    | 3,040,410                                | 3.6652                     |
| Eagan            | 700,047                     | 467,493                      | 1,167,540                                | 1.4075                     |
| East Bethel      | 118,867                     | 107,956                      | 226,823                                  | 0.2734                     |
| East Grand Forks | 127,845                     | 109,203                      | 237,048                                  | 0.2858                     |
| Eden Prairie     | 580,471                     | 643,132                      | 1,223,603                                | 1.4750                     |
| Edina            | 680,349                     | 459,411                      | 1,139,760                                | 1.3740                     |
| Elk River        | 164,539                     | 310,870                      | 475,409                                  | 0.5731                     |
| Fairmont         | 166,340                     | 429,118                      | 595,458                                  | 0.7178                     |

| <b>Municipalities</b>      | <b>Population<br/>Apportionment</b> | <b>Money Needs<br/>Apportionment</b> | <b>Estimated<br/>1994 total<br/>Apportionment</b> | <b>Distribution<br/>Percentage</b> |
|----------------------------|-------------------------------------|--------------------------------------|---|------------------------------------|
| <b>Falcon Heights</b>      | \$79,442                            | \$4,075                              | \$83,517  | 0.1007                             |
| <b>Faribault</b>           | 252,353                             | 319,076                              | 571,429   | 0.6888                             |
| <b>Farmington</b>          | 87,711                              | 151,927                              | 239,638   | 0.2889                             |
| <b>Fergus Falls</b>        | 182,539                             | 214,538                              | 397,077   | 0.4787                             |
| <b>Forest Lake</b>         | 88,715                              | 67,204                               | 155,919   | 0.1880                             |
| <b>Fridley</b>             | 418,398                             | 240,854                              | 659,252   | 0.7947                             |
| <b>Golden Valley</b>       | 309,660                             | 359,027                              | 668,687   | 0.8061                             |
| <b>Grand Rapids</b>        | 117,775                             | 139,218                              | 256,993   | 0.3098                             |
| <b>Ham Lake</b>            | 131,773                             | 84,670                               | 216,443   | 0.2609                             |
| <b>Hastings</b>            | 228,550                             | 164,183                              | 392,733   | 0.4734                             |
| <b>Hermantown</b>          | 99,834                              | 134,385                              | 234,219   | 0.2823                             |
| <b>Hibbing</b>             | 266,469                             | 611,551                              | 878,020   | 1.0584                             |
| <b>Hopkins</b>             | 244,069                             | 188,717                              | 432,786   | 0.5217                             |
| <b>Hutchinson</b>          | 169,205                             | 202,038                              | 371,243   | 0.4475                             |
| <b>International Falls</b> | 122,574                             | 124,586                              | 247,160   | 0.2979                             |
| <b>Inver Grove Heights</b> | 331,898                             | 253,505                              | 585,403   | 0.7057                             |
| <b>Lake Elmo</b>           | 86,780                              | 66,257                               | 153,037   | 0.1845                             |
| <b>Lakeville</b>           | 366,997                             | 560,057                              | 927,054   | 1.1175                             |
| <b>Lino Lakes</b>          | 130,045                             | 221,599                              | 351,644   | 0.4239                             |
| <b>Litchfield</b>          | 89,202                              | 111,187                              | 200,389   | 0.2416                             |
| <b>Little Canada</b>       | 132,467                             | 103,586                              | 236,053   | 0.2846                             |
| <b>Little Falls</b>        | 108,885                             | 190,149                              | 299,034   | 0.3605                             |
| <b>Mahtomedi</b>           | 83,178                              | 52,963                               | 136,141   | 0.1641                             |
| <b>Mankato</b>             | 463,730                             | 500,709                              | 964,439   | 1.1626                             |
| <b>Maple Grove</b>         | 571,980                             | 668,768                              | 1,240,748   | 1.4957                             |
| <b>Maplewood</b>           | 457,070                             | 301,797                              | 758,867   | 0.9148                             |
| <b>Marshall</b>            | 177,533                             | 71,413                               | 248,946   | 0.3001                             |
| <b>Mendota Heights</b>     | 138,624                             | 120,838                              | 259,462   | 0.3128                             |
| <b>Minneapolis</b>         | 5,439,587                           | 5,200,276                            | 10,639,863  | 12.8262                            |
| <b>Minnetonka</b>          | 714,237                             | 688,089                              | 1,402,326   | 1.6905                             |
| <b>Montevideo</b>          | 81,199                              | 104,166                              | 185,365   | 0.2235                             |
| <b>Monticello</b>          | 74,495                              | 95,352                               | 169,847   | 0.2047                             |
| <b>Moorhead</b>            | 476,872                             | 347,325                              | 824,197   | 0.9936                             |
| <b>Morris</b>              | 82,882                              | 66,503                               | 149,385   | 0.1801                             |
| <b>Mound</b>               | 142,257                             | 80,693                               | 222,950   | 0.2688                             |
| <b>Mounds View</b>         | 185,182                             | 31,386                               | 216,568   | 0.2611                             |
| <b>New Brighton</b>        | 327,911                             | 157,005                              | 484,916   | 0.5846                             |
| <b>New Hope</b>            | 322,684                             | 241,187                              | 563,871   | 0.6797                             |
| <b>New Ulm</b>             | 193,909                             | 219,074                              | 412,983   | 0.4978                             |
| <b>Northfield</b>          | 216,826                             | 178,092                              | 394,918   | 0.4761                             |
| <b>North Mankato</b>       | 157,436                             | 166,532                              | 323,968   | 0.3905                             |
| <b>North St. Paul</b>      | 182,745                             | 89,928                               | 272,673   | 0.3287                             |

| <b>Municipalities</b>    | <b>Population<br/>Apportionment</b> | <b>Money Needs<br/>Apportionment</b> | <b>Estimated<br/>1994 total<br/>Apportionment</b> | <b>Distribution<br/>Percentage</b> |
|--------------------------|-------------------------------------|--------------------------------------|---|------------------------------------|
| <b>Oakdale</b>           | \$271,697                           | \$230,079                            | \$501,776   | 0.6049                             |
| <b>Orono</b>             | 107,571                             | 223,876                              | 331,447   | 0.3996                             |
| <b>Otsego</b>            | 77,064                              | 225,609                              | 302,673   | 0.3649                             |
| <b>Owatonna</b>          | 286,256                             | 317,313                              | 603,569   | 0.7276                             |
| <b>Plymouth</b>          | 751,433                             | 608,345                              | 1,359,778   | 1.6392                             |
| <b>Prior Lake</b>        | 169,545                             | 185,054                              | 354,599   | 0.4275                             |
| <b>Ramsey</b>            | 183,218                             | 279,062                              | 462,280   | 0.5573                             |
| <b>Red Wing</b>          | 223,470                             | 401,523                              | 624,993   | 0.7534                             |
| <b>Richfield</b>         | 527,298                             | 495,172                              | 1,022,470   | 1.2326                             |
| <b>Robbinsdale</b>       | 212,573                             | 138,008                              | 350,581   | 0.4226                             |
| <b>Rochester</b>         | 1,048,350                           | 1,006,166                            | 2,054,516   | 2.4767                             |
| <b>Rosemount</b>         | 127,313                             | 293,498                              | 420,811   | 0.5073                             |
| <b>Roseville</b>         | 494,443                             | 339,386                              | 833,829   | 1.0052                             |
| <b>St. Anthony</b>       | 114,098                             | 78,997                               | 193,095   | 0.2328                             |
| <b>St. Cloud</b>         | 720,764                             | 548,450                              | 1,269,214   | 1.5300                             |
| <b>St. Louis Park</b>    | 646,564                             | 398,443                              | 1,045,007   | 1.2597                             |
| <b>St. Paul</b>          | 4,019,854                           | 4,205,350                            | 8,225,204   | 9.9154                             |
| <b>St. Peter</b>         | 139,998                             | 163,813                              | 303,811   | 0.3662                             |
| <b>Sartell</b>           | 79,870                              | 72,882                               | 152,752   | 0.1841                             |
| <b>Sauk Rapids</b>       | 115,545                             | 114,715                              | 230,260   | 0.2776                             |
| <b>Savage</b>            | 146,273                             | 356,180                              | 502,453   | 0.6057                             |
| <b>Shakopee</b>          | 173,339                             | 227,229                              | 400,568   | 0.4829                             |
| <b>Shoreview</b>         | 363,055                             | 104,551                              | 467,606   | 0.5637                             |
| <b>Shorewood</b>         | 87,371                              | 141,069                              | 228,440   | 0.2754                             |
| <b>South St. Paul</b>    | 298,231                             | 178,140                              | 476,371   | 0.5743                             |
| <b>Spring Lake Park</b>  | 96,452                              | 44,354                               | 140,806   | 0.1697                             |
| <b>Stillwater</b>        | 204,983                             | 171,868                              | 376,851   | 0.4543                             |
| <b>Thief River Falls</b> | 118,277                             | 195,344                              | 313,621   | 0.3781                             |
| <b>Vadnais Heights</b>   | 163,033                             | 62,400                               | 225,433   | 0.2718                             |
| <b>Virginia</b>          | 138,949                             | 202,167                              | 341,116   | 0.4112                             |
| <b>Waite Park</b>        | 74,215                              | 89,717                               | 163,932   | 0.1976                             |
| <b>Waseca</b>            | 123,814                             | 54,126                               | 177,940   | 0.2145                             |
| <b>West St. Paul</b>     | 284,218                             | 108,878                              | 393,096   | 0.4739                             |
| <b>White Bear Lake</b>   | 363,571                             | 271,420                              | 634,991   | 0.7655                             |
| <b>Willmar</b>           | 258,865                             | 302,267                              | 561,132   | 0.6764                             |
| <b>Winona</b>            | 375,045                             | 311,624                              | 686,669   | 0.8278                             |
| <b>Woodbury</b>          | 296,430                             | 726,478                              | 1,022,908   | 1.2331                             |
| <b>Worthington</b>       | 147,322                             | 147,384                              | 294,706   | 0.3553                             |
| <b>TOTAL</b>             | <b>\$41,477,111</b>                 | <b>\$41,477,111</b>                  | <b>\$82,954,222</b>                               | <b>100.0000</b>                    |

# COMPARISON OF THE 1993 TO ESTIMATED 1994 APPORTIONMENT

| Municipality     | 1993 Total<br>Apportionment | Estimated<br>1994 Total<br>Apportionment | Increase<br>(Decrease)<br>Amount | %<br>Increase<br>Decrease |
|------------------|-----------------------------|--|----------------------------------|---------------------------|
| Albert Lea       | \$538,867                   | \$542,373                                | \$3,506                          | 0.6506                    |
| Alexandria       | 315,074                     | 304,831                                  | (10,243)                         | -3.2510                   |
| Andover          | 629,329                     | 607,887                                  | (21,442)                         | -3.4071                   |
| Anoka            | 417,673                     | 413,736                                  | (3,937)                          | -0.9426                   |
| Apple Valley     | 905,495                     | 952,076                                  | 46,581                           | 5.1443                    |
| Arden Hills      | 200,165                     | 200,070                                  | (95)                             | -0.0475                   |
| Austin           | 772,871                     | 753,025                                  | (19,846)                         | -2.5678                   |
| Bemidji          | 408,337                     | 387,723                                  | (20,614)                         | -5.0483                   |
| Blaine           | 1,074,374                   | 1,058,823                                | (15,551)                         | -1.4474                   |
| Bloomington      | 3,064,784                   | 2,887,278                                | (177,506)                        | -5.7918                   |
| Brainerd         | 333,029                     | 318,120                                  | (14,909)                         | -4.4768                   |
| Brooklyn Center  | 842,110                     | 864,882                                  | 22,772                           | 2.7042                    |
| Brooklyn Park    | 1,208,328                   | 1,211,105                                | 2,777                            | 0.2298                    |
| Buffalo          | 213,200                     | 218,969                                  | 5,769                            | 2.7059                    |
| Burnsville       | 1,331,637                   | 1,302,497                                | (29,140)                         | -2.1883                   |
| Cambridge        | 201,822                     | 192,174                                  | (9,648)                          | -4.7805                   |
| Champlin         | 391,226                     | 390,160                                  | (1,066)                          | -0.2725                   |
| Chanhassen       | 396,441                     | 511,394                                  | 114,953                          | 28.9962                   |
| Chaska           | 408,652                     | 409,854                                  | 1,202                            | 0.2941                    |
| Chisholm         | 189,278                     | 175,041                                  | (14,237)                         | -7.5217                   |
| Cloquet          | 477,805                     | 486,748                                  | 8,943                            | 1.8717                    |
| Columbia Heights | 443,748                     | 450,097                                  | 6,349                            | 1.4308                    |
| Coon Rapids      | 1,267,336                   | 1,275,872                                | 8,536                            | 0.6735                    |
| Corcoran         | 246,514                     | 233,146                                  | (13,368)                         | -5.4228                   |
| Cottage Grove    | 730,955                     | 778,424                                  | 47,469                           | 6.4941                    |
| Crookston        | 308,975                     | 428,335                                  | 119,360                          | 38.6310                   |
| Crystal          | 716,659                     | 805,862                                  | 89,203                           | 12.4471                   |
| Detroit Lakes    | 210,676                     | 206,202                                  | (4,474)                          | -2.1236                   |
| Duluth           | 3,105,138                   | 3,040,410                                | (64,728)                         | -2.0845                   |
| Eagan            | 1,226,496                   | 1,167,540                                | (58,956)                         | -4.8069                   |
| East Bethel      | 224,920                     | 226,823                                  | 1,903                            | 0.8461                    |
| East Grand Forks | 224,685                     | 237,048                                  | 12,363                           | 5.5024                    |
| Eden Prairie     | 1,268,990                   | 1,223,603                                | (45,387)                         | -3.5766                   |
| Edina            | 1,195,988                   | 1,139,760                                | (56,228)                         | -4.7014                   |
| Elk River        | 423,229                     | 475,409                                  | 52,180                           | 12.3290                   |
| Fairmont         | 510,939                     | 595,458                                  | 84,519                           | 16.5419                   |
| Falcon Heights   | 88,018                      | 83,517                                   | (4,501)                          | -5.1137                   |
| Faribault        | 580,866                     | 571,429                                  | (9,437)                          | -1.6246                   |
| Farmington       | 315,910                     | 239,638                                  | (76,272)                         | -24.1436                  |

| <b>Municipality</b>        | <b>1993 Total<br/>Apportionment</b> | <b>Estimated<br/>1994 Total<br/>Apportionment</b> | <b>Increase<br/>(Decrease)<br/>Amount</b> | <b>%<br/>Increase<br/>Decrease</b> |
|----------------------------|-------------------------------------|---|---|------------------------------------|
| <b>Fergus Falls</b>        | \$394,152                           | \$397,077   | \$2,925                                   | 0.7421                             |
| <b>Forest Lake</b>         | 166,606                             | 155,919   | (10,687)                                  | -6.4145                            |
| <b>Fridley</b>             | 672,210                             | 659,252   | (12,958)                                  | -1.9277                            |
| <b>Golden Valley</b>       | 728,367                             | 668,687   | (59,680)                                  | -8.1937                            |
| <b>Grand Rapids</b>        | 272,953                             | 256,993   | (15,960)                                  | -5.8472                            |
| <b>Ham Lake</b>            | 231,587                             | 216,443   | (15,144)                                  | -6.5392                            |
| <b>Hastings</b>            | 361,512                             | 392,733   | 31,221                                    | 8.6362                             |
| <b>Hermantown</b>          | 245,232                             | 234,219   | (11,013)                                  | -4.4908                            |
| <b>Hibbing</b>             | 1,025,969                           | 878,020   | (147,949)                                 | -14.4204                           |
| <b>Hopkins</b>             | 434,643                             | 432,786   | (1,857)                                   | -0.4272                            |
| <b>Hutchinson</b>          | 316,528                             | 371,243   | 54,715                                    | 17.2860                            |
| <b>International Falls</b> | 266,590                             | 247,160   | (19,430)                                  | -7.2883                            |
| <b>Inver Grove Heights</b> | 580,005                             | 585,403   | 5,398                                     | 0.9307                             |
| <b>Lake Elmo</b>           | 159,468                             | 153,037   | (6,431)                                   | -4.0328                            |
| <b>Lakeville</b>           | 1,003,119                           | 927,054   | (76,065)                                  | -7.5828                            |
| <b>Lino Lakes</b>          | 344,984                             | 351,644   | 6,660                                     | 1.9305                             |
| <b>Litchfield</b>          | 172,635                             | 200,389   | 27,754                                    | 16.0767                            |
| <b>Little Canada</b>       | 223,824                             | 236,053   | 12,229                                    | 5.4637                             |
| <b>Little Falls</b>        | 310,425                             | 299,034   | (11,391)                                  | -3.6695                            |
| <b>Mahtomedi</b>           | 135,727                             | 136,141   | 414                                       | 0.3050                             |
| <b>Mankato</b>             | 969,880                             | 964,439   | (5,441)                                   | -0.5610                            |
| <b>Maple Grove</b>         | 1,200,721                           | 1,240,748   | 40,027                                    | 3.3336                             |
| <b>Maplewood</b>           | 714,338                             | 758,867   | 44,529                                    | 6.2336                             |
| <b>Marshall</b>            | 269,388                             | 248,946   | (20,442)                                  | -7.5883                            |
| <b>Mendota Heights</b>     | 258,130                             | 259,462   | 1,332                                     | 0.5160                             |
| <b>Minneapolis</b>         | 10,392,382                          | 10,639,863  | 247,481                                   | 2.3814                             |
| <b>Minnetonka</b>          | 1,420,536                           | 1,402,326   | (18,210)                                  | -1.2819                            |
| <b>Montevideo</b>          | 177,101                             | 185,365   | 8,264                                     | 4.6663                             |
| <b>Monticello</b>          | 162,701                             | 169,847   | 7,146                                     | 4.3921                             |
| <b>Moorhead</b>            | 809,099                             | 824,197   | 15,098                                    | 1.8660                             |
| <b>Morris</b>              | 150,146                             | 149,385   | (761)                                     | -0.5068                            |
| <b>Mound</b>               | 232,374                             | 222,950   | (9,424)                                   | -4.0555                            |
| <b>Mounds View</b>         | 225,110                             | 216,568   | (8,542)                                   | -3.7946                            |
| <b>New Brighton</b>        | 501,319                             | 484,916   | (16,403)                                  | -3.2720                            |
| <b>New Hope</b>            | 554,095                             | 563,871   | 9,776                                     | 1.7643                             |
| <b>New Ulm</b>             | 426,653                             | 412,983   | (13,670)                                  | -3.2040                            |
| <b>Northfield</b>          | 398,206                             | 394,918   | (3,288)                                   | -0.8257                            |
| <b>North Mankato</b>       | 341,187                             | 323,968   | (17,219)                                  | -5.0468                            |
| <b>North St. Paul</b>      | 276,870                             | 272,673   | (4,197)                                   | -1.5159                            |
| <b>Oakdale</b>             | 496,859                             | 501,776   | 4,917                                     | 0.9896                             |
| <b>Orono</b>               | 300,728                             | 331,447   | 30,719                                    | 10.2149                            |
| <b>Otsego</b>              | 317,937                             | 302,673   | (15,264)                                  | -4.8010                            |



| <b>Municipality</b> | <b>1993 Total<br/>Apportionment</b> | <b>Estimated<br/>1994 Total<br/>Apportionment</b> | <b>Increase<br/>(Decrease)<br/>Amount</b> | <b>%<br/>Increase<br/>Decrease</b> |
|---------------------|-------------------------------------|---|---|------------------------------------|
| Owatonna            | \$600,067                           | \$603,569   | \$3,502                                   | 0.5836                             |
| Plymouth            | 1,317,922                           | 1,359,778   | 41,856                                    | 3.1759                             |
| Prior Lake          | 353,385                             | 354,599   | 1,214                                     | 0.3435                             |
| Ramsey              | 436,726                             | 462,280   | 25,554                                    | 5.8513                             |
| Red Wing            | 605,743                             | 624,993   | 19,250                                    | 3.1779                             |
| Richfield           | 1,015,047                           | 1,022,470   | 7,423                                     | 0.7313                             |
| Robbinsdale         | 364,913                             | 350,581   | (14,332)                                  | -3.9275                            |
| Rochester           | 2,075,651                           | 2,054,516   | (21,135)                                  | -1.0182                            |
| Rosemount           | 417,920                             | 420,811   | 2,891                                     | 0.6918                             |
| Roseville           | 831,360                             | 833,829   | 2,469                                     | 0.2970                             |
| St. Anthony         | 154,177                             | 193,095   | 38,918                                    | 25.2424                            |
| St. Cloud           | 1,341,643                           | 1,269,214   | (72,429)                                  | -5.3985                            |
| St. Louis Park      | 1,032,632                           | 1,045,007   | 12,375                                    | 1.1984                             |
| St. Paul            | 8,201,141                           | 8,225,204   | 24,063                                    | 0.2934                             |
| St. Peter           | 237,496                             | 303,811   | 66,315                                    | 27.9226                            |
| Sartell             | 157,392                             | 152,752   | (4,640)                                   | -2.9481                            |
| Sauk Rapids         | 236,380                             | 230,260   | (6,120)                                   | -2.5891                            |
| Savage              | 469,738                             | 502,453   | 32,715                                    | 6.9645                             |
| Shakopee            | 412,655                             | 400,568   | (12,087)                                  | -2.9291                            |
| Shoreview           | 501,939                             | 467,606   | (34,333)                                  | -6.8401                            |
| Shorewood           | 242,433                             | 228,440   | (13,993)                                  | -5.7719                            |
| South St. Paul      | 498,085                             | 476,371   | (21,714)                                  | -4.3595                            |
| Spring Lake Park    | 142,302                             | 140,806   | (1,496)                                   | -1.0513                            |
| Stillwater          | 386,646                             | 376,851   | (9,795)                                   | -2.5333                            |
| Thief River Falls   | 329,602                             | 313,621   | (15,981)                                  | -4.8486                            |
| Vadnais Heights     | 229,141                             | 225,433   | (3,708)                                   | -1.6182                            |
| Virginia            | 333,630                             | 341,116   | 7,486                                     | 2.2438                             |
| Waite Park          | 171,622                             | 163,932   | (7,690)                                   | -4.4808                            |
| Waseca              | 172,740                             | 177,940   | 5,200                                     | 3.0103                             |
| West St. Paul       | 422,847                             | 393,096   | (29,751)                                  | -7.0359                            |
| White Bear Lake     | 646,021                             | 634,991   | (11,030)                                  | -1.7074                            |
| Willmar             | 580,779                             | 561,132   | (19,647)                                  | -3.3829                            |
| Winona              | 692,512                             | 686,669   | (5,843)                                   | -0.8437                            |
| Woodbury            | 997,367                             | 1,022,908   | 25,541                                    | 2.5608                             |
| Worthington         | 291,733                             | 294,706   | 2,973                                     | 1.0191                             |
| <b>TOTAL</b>        | <b>\$82,954,222</b>                 | <b>\$82,954,222</b>                               | <b>\$0</b>                                | <b>0.0000</b>                      |

## ONE-WAY STREET MILEAGE

**THE RULES ALLOW ONE-WAY STREETS TO BE COUNTED AS ONE-HALF THE MILEAGE BUT ARE RESTRICTED DIFFERENTLY BY THE SCREENING BOARD RESOLUTION. IS IT NECESSARY TO HAVE BOTH THE RULE AND RESOLUTION?**

### **1991 State Aid Rule:**

(1991) 8820.0600 SELECTION OF ROUTES.

The highway and street systems to be selected and designated in accordance with law are:

A municipal state aid street system not exceeding 2500 miles in extent within urban municipalities, excluding trunk highway turnback mileage.

For an undivided, one-way street with a minimum width of 26 feet and with no parking lane or with a maximum width of 46 feet with parking on both sides, the chargeable mileage allowed for municipal state-aid street mileage purposes is one-half of the length of the one-way street.

### **1987 State Aid Rule:**

(1987) 8820.0600 SELECTION OF ROUTES.

For an undivided, one-way street with a minimum width of 28 feet and with no parking lane or with a maximum width of 36 feet with parking on one side, the chargeable mileage allowed for municipal state-aid street mileage purposes is one-half of the length of the one-way street.

**CONFORMED TO THE PRESENT RESOLUTION.**

### **Resolution - One Way Street Mileage:**

(IF THE RESOLUTION IS REVISED TO CONFORM TO THE RULES ONE-WAY CHART, THEN THE UNDERLINED IS THE SUGGESTED WORDING.)

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

When a one-way street is a collector, it will receive needs for the minimum rules width of 32 feet with one side parking and if it is a arterial it will receive needs for 34 feet with one side parking, be treated as one-half of a full four-lane width divided street of either 56 feet or 72 feet (72 feet when the projected Adt is over 8,000) for needs, and that the roadway system and must be operating as one way streets prior to the time of designation.

### **State Aid Rule Chart:**

**The 1991 rules include separate charts for one-way streets. In 1987, one half of the divided roadway width was used.**

Collector - projected traffic 200-10,000

Arterial - projected traffic 5,000 & up

Two traffic lanes and 1 parking lane and 30 M.P.H.

Allow 32' for a Collector

Allow 34' for a Arterial

Two traffic lanes and 1 parking lane and 35 M.P.H.

Allow 36' for a Collector

Allow 37' for a Arterial

### **OPTIONS:**

#### **(1). REVISE THE WORDING OF THE RESOLUTION TO CONFORM TO THE RULES ONE-WAY CHART IN DETERMINING NEEDS:**

A. Revise the resolution to the suggested wording whereby the mileage is considered as one half and needs limited to 32' or 34'. Questionable if Rule 8820.0600 is required. Push for the deletion of the rule 8820.0600 and use only the resolution.

#### **(2). USE THE RULES TO CONSIDER HOW ONE WAY MILEAGE IS DETERMINED:**

A. Treat all one-ways between 26 feet and 46 feet as one half the mileage as outlined in rule 8820.0600 and allow full needs.  
Consideration should be given to delete the resolution.

#### **(3) TREAT WIDTH BY RULES AND NEEDS BY RESOLUTION:**

A. Treat all one-ways between 26 feet and 46 feet as one half the mileage as outlined in rule 8820.0600 and allow needs by resolution to 32 feet or 34 feet. All one ways above 46 feet would be treated as other streets.

## **ONE WAY STREET MILEAGE**

State Aid Rules 8820.0600 part B states:

A municipal state-aid street system not exceeding 2,500 miles in extent within urban municipalities, excluding trunk highway turnback mileage.

For an undivided, one-way street with a minimum width of 26 feet and with no parking lane or with a maximum width of 46 feet with parking on both sides, the chargeable mileage allowed for municipal state-aid mileage purposes is one-half of the length of the one-way street.

| <i><b>Municipality</b></i> | <i><b>TOTAL<br/>ONE-WAY<br/>STREET MILEAGE</b></i> | <i><b>MILEAGE<br/>ELIGIBLE FOR<br/>1/2 DESIGNATION<br/>BETWEEN 26' &amp; 46'</b></i> | <i><b>ADDITIONAL<br/>MILEAGE<br/>AVAILABLE</b></i> |
|----------------------------|--|--|--|
| Albert Lea                 | 0.31   | 0.31   | 0.16   |
| Austin                     | 0.80   | 0.80   | 0.40   |
| Crookston                  | 0.74   | 0.24   | 0.12   |
| Duluth                     | 2.75   | 2.64   | 1.32   |
| East Grand Forks           | 0.07   | 0.07   | 0.04   |
| Fergus Falls               | 0.05   | 0.05   | 0.03   |
| International Falls        | 0.14   | 0.14   | 0.07   |
| Mankato                    | 1.37   | 1.02   | 0.51   |
| Minneapolis                | 25.47  | 17.11  | 8.56   |
| Minnetonka                 | 0.98   | 0.98   | 0.49   |
| Montevideo                 | 0.27   | 0.00   | 0.00   |
| Moorhead                   | 3.56   | 2.86   | 1.43   |
| North Mankato              | 0.13   | 0.13   | 0.07   |
| Red Wing                   | 0.73   | 0.73   | 0.37   |
| Rochester                  | 1.13   | 0.94   | 0.47   |
| St. Cloud                  | 0.45   | 0.00   | 0.00   |
| St. Paul                   | 4.78   | 3.72   | 1.86   |
| Worthington                | 0.07   | 0.00   | 0.00   |
| <b>STATE TOTAL</b>         | <b>43.80</b>                                       | <b>31.74</b>   | <b>15.87</b>                                       |

St. Paul has 4.21 of 4.78 miles and Red Wing has .36 of .73 miles that are considered as one-half mileage per Screening Board Resolution.

# ANNUAL CERTIFICATION OF MILEAGE – 1

## MILEAGE NOT CONSIDERED IN THE COMPUTATION OF ALLOWABLE MILEAGE

| Municipal Mileage<br>as of Dec. 31, 1991 |            |          |       | Revisions During<br>Current Year (+ or –) * |            |          |       | Municipal Mileage<br>as of Dec. 31, 1992 |            |          |       |
|--|------------|----------|-------|---|------------|----------|-------|--|------------|----------|-------|
| Non-<br>Existing                         | Unimproved | Improved | Total | Non-<br>Existing                            | Unimproved | Improved | Total | Non-<br>Existing                         | Unimproved | Improved | Total |
| I  | II         | III      | IV    | V   | VI         | VII      | VIII  | IX                                       | X          | XI       | XII   |
|  |            |          |       |   |            |          |       |  |            | 54.08    | 54.08 |
|  |            |          |       |   |            |          |       |  |            | 57.06    | 57.06 |
|  |            |          |       |   |            |          |       |  |            | 0.00     | 0.00  |

\*RECORD REVISIONS ON BACK OF CERTIFICATION

## MILEAGE CONSIDERED IN THE COMPUTATION OF ALLOWABLE MILEAGE

|   |  |  |  |  |  |  |  |      |  |        |        |
|---|--|--|--|--|--|--|--|------|--|--------|--------|
| 4. Municipal State Aid Streets  |  |  |  |  |  |  |  | 0.32 |  | 187.00 | 187.32 |
| 5. County Roads<br>(exclude mileage designated as msas)                                   |  |  |  |  |  |  |  |      |  | 0.00   | 0.00   |
| 6. Other Local Roads And Streets – not designated<br>(include t.h. & csah frontage roads) |  |  |  |  |  |  |  |      |  | 749.08 | 749.08 |

|  |            |  |          |              |  |                        |            |
|--|------------|--|----------|--------------|--|------------------------|------------|
| 7. Total Improved Mileage (total of line 4 + 5 + 6)  | Previous = |  | (+ or –) | Adjustment = |  | Current =              | 936.08     |
| 8. Percentage Limitation (Col. XI, Line 7 Times Line 8).                                   |            |  |          |              |  | X                      | 0.20       |
| 9. MAXIMUM MILEAGE ALLOWED FOR M.S.A.S. DESIGNATIONS.                                      |            |  |          |              |  |                        | 187.22     |
| 10. Total Municipal State Aid Street Designated (Column XII, Line 3 plus Line 4).          |            |  |          |              |  |                        | 187.32     |
| 11. Total Msas One-Way Street Mileage Between 26' & 46' Included In Col. XII, Line 3 & 4 . |            |  |          |              |  | 0 Miles Divided By 2 = | 0.00       |
| 12. Total Municipal State Aid Street Designated (Line 10 Minus Line 11).                   |            |  |          |              |  |                        | 187.32     |
| 13. Total Miles of T.H. Turnbacks Designated as Msas (Included in Line 10).                |            |  |          |              |  |                        | 26.47      |
| 14. Municipal State Aid Street Mileage Over/Under Maximum Allowed. (Line 9 Minus Line 12). |            |  |          |              |  |                        | -0.10 Over |

I hereby certify that the total Improved Street Mileage in the Municipality of Minneapolis as of December 31, 1992 is \_\_\_\_\_ Miles.

Signed \_\_\_\_\_ Title \_\_\_\_\_

AFFECT ON MINNEAPOLIS  
CONSIDERING ONE-WAY MILEAGE BETWEEN 26 FEET  
AND 46 FEET AS ONE HALF MILEAGE.

## ANNUAL CERTIFICATION OF MILEAGE – 2

\*RECORD REVISIONS ON BACK OF CERTIFICATION

### MILEAGE NOT CONSIDERED IN THE COMPUTATION OF ALLOWABLE MILEAGE

| Municipal Mileage<br>as of Dec. 31, 1991 |            |          |       | Revisions During<br>Current Year (+ or -) * |            |          |       | Municipal Mileage<br>as of Dec. 31, 1992 |            |          |       |
|--|------------|----------|-------|---|------------|----------|-------|--|------------|----------|-------|
| Non-<br>Existing                         | Unimproved | Improved | Total | Non-<br>Existing                            | Unimproved | Improved | Total | Non-<br>Existing                         | Unimproved | Improved | Total |
| I  | II         | III      | IV    | V   | VI         | VII      | VIII  | IX                                       | X          | XI       | XII   |

|   |  |  |  |  |  |  |  |  |  |       |       |
|---|--|--|--|--|--|--|--|--|--|-------|-------|
| 1. Trunk Highways   |  |  |  |  |  |  |  |  |  | 54.08 | 54.08 |
| 2. County State Aid Highways<br>(exclude mileage designated as msas)                    |  |  |  |  |  |  |  |  |  | 57.06 | 57.06 |
| 3. County Municipal State Aid Streets<br>(jointly designated – county state aid & msas) |  |  |  |  |  |  |  |  |  | 0.00  | 0.00  |

### MILEAGE CONSIDERED IN THE COMPUTATION OF ALLOWABLE MILEAGE

|   |  |  |  |  |  |  |  |      |  |        |        |
|---|--|--|--|--|--|--|--|------|--|--------|--------|
| 4. Municipal State Aid Streets  |  |  |  |  |  |  |  | 0.32 |  | 187.00 | 187.32 |
| 5. County Roads<br>(exclude mileage designated as msas)                                   |  |  |  |  |  |  |  |      |  | 0.00   | 0.00   |
| 6. Other Local Roads And Streets – not designated<br>(include t.h. & csah frontage roads) |  |  |  |  |  |  |  |      |  | 749.08 | 749.08 |

|  |            |  |          |              |  |           |                                 |
|--|------------|--|----------|--------------|--|-----------|---------------------------------|
| 7. Total Improved Mileage (total of line 4 + 5 + 6)  | Previous = |  | (+ or -) | Adjustment = |  | Current = | 936.08                          |
| 8. Percentage Limitation (Col. XI, Line 7 Times Line 8).                                   |            |  |          |              |  | X         | 0.20                            |
| 9. MAXIMUM MILEAGE ALLOWED FOR M.S.A.S. DESIGNATIONS.                                      |            |  |          |              |  |           | 187.22                          |
| 10. Total Municipal State Aid Street Designated (Column XII, Line 3 plus Line 4).          |            |  |          |              |  |           | 187.32                          |
| 11. Total Msas One-Way Street Mileage Between 26' & 46' Included In Col. XII, Line 3 & 4 . |            |  |          |              |  |           | 17.11 Miles Divided By 2 = 8.56 |
| 12. Total Municipal State Aid Street Designated (Line 10 Minus Line 11).                   |            |  |          |              |  |           | 178.77                          |
| 13. Total Miles of T.H. Turnbacks Designated as Msas (Included in Line 10).                |            |  |          |              |  |           | 26.47                           |
| 14. Municipal State Aid Street Mileage Over/Under Maximum Allowed. (Line 9 Minus Line 12). |            |  |          |              |  |           | 8.45 Under                      |

I hereby certify that the total Improved Street Mileage in the Municipality of Minneapolis as of December 31, 1992 is \_\_\_\_\_ Miles.

Signed

Title

## **TRUNK HIGHWAY TURNBACKS**

**Both the Statute and the State Aid Rule state that the Municipal State Aid System shall be 2500 miles plus Trunk Highway Turnback mileage but is limited by the Screening Board Resolution to the extent that the 20% mileage limitation can be exceeded only if mileage is not available for designation. What is the intent of the Statute and State Aid Rule?**

### **DEFINITION:**

**TRUNK HIGHWAY TURNBACK** means a trunk highway or portion of it that has been designated at another location and the former trunk highway has reverted to a county or municipality in accordance with law. The reverted trunk highway or portion of it has become part of the state aid system.

### **STATUTE: 162**

Subdivision 1. Creation. There is created a municipal state aid street system within cities having a population of 5000 or more. The extent of the municipal state aid street system shall not exceed 2500 miles, plus the mileage of all trunk highways reverted or turned back to the jurisdiction of cities pursuant to law on and after July 1, 1965. The system shall be established, located, constructed, reconstructed, improved, and maintained as public highways within such cities under rules, not inconsistent with this section, made and promulgated by the commissioner as hereinafter provided.

### **STATE AID RULE:**

A municipal state aid street system not exceeding 2500 miles in extent within urban municipalities, excluding trunk highway turnback mileage.

Portion of mileage resolution dealing with Trunk Highway Turnback Mileage.

**MILEAGE RESOLUTION:**

However, the maximum mileage for State Aid designation may be exceeded to the extent necessary to designate trunk highway turnbacks, only if sufficient mileage is not available as determined by the Annual Certification of Mileage.

Any mileage for designation prior to the trunk highway turnback shall be used for the turnback before exceeding the maximum mileage.

In the event, the maximum mileage is exceeded by trunk highway turnback, additional M.S.A. designation can be considered only to the extent a city revokes M.S.A. mileage.

(1). RESOLUTION SHOULD ADDRESS MILEAGE GROWTH WHEN A CITY IS OVER DESIGNATED WITH TRUNK HIGHWAY TURNBACKS.

(2). ALL CITIES WITH TRUNK HIGHWAY TURNBACKS MILEAGE SHOULD BE TREATED ALIKE.

Cities that increase their available mileage through growth absorb the excess turnback mileage whereas cities that do not grow continuously have excess mileage.

**OPTIONS:**

(1). TREAT ALL TURNBACK MILEAGE AS ADDITIONAL MILEAGE ABOVE 20% WITH NEEDS.

(2). TREAT ALL TURNBACK MILEAGE AS ADDITIONAL MILEAGE ABOVE 20% WITHOUT NEEDS.

(3). ALLOW CITIES TO EXCEED 20% BUT PROVIDE A CAP FOR ADDITIONAL MILEAGE.

(4). CONTINUE AS IN THE PAST WHEREBY CITIES ABSORB EXCESS MILEAGE THROUGH GROWTH.



**TRUNK HIGHWAY TURNBACK MILEAGE**

| Municipality     |                   | Needs<br>Mileage | Miles<br>Certified | Excess<br>Mileage |
|------------------|-------------------|------------------|--------------------|-------------------|
| Alexandria       | Revoked .62 Miles | 0.74             | 1.36               |                   |
| Anoka            |                   | 0.41             | ---                |                   |
| Austin           |                   | 4.70             | 4.71               |                   |
| Bemidji          |                   | 1.20             | 0.72               |                   |
| Bloomington      |                   | 2.56             | ---                |                   |
| Brooklyn Center  |                   | 0.52             | 0.52               |                   |
| Brooklyn Park    |                   | 1.54             | ---                |                   |
| Champlin         |                   | 0.54             | 0.54               |                   |
| Coon Rapids      |                   | 2.33             | 2.33               |                   |
| Crookston        |                   | 1.58             | 1.58               |                   |
| Duluth           |                   | 10.53            | 7.36               | 2.30              |
| Eagan            |                   | 0.72             | 0.70               |                   |
| East Grand Forks |                   | 2.39             | 2.45               | 1.31              |
| Elk River        |                   | 1.24             | 0.52               |                   |
| Fairmont         |                   | 4.63             | 5.84               | 2.63              |
| Faribault        |                   | 2.39             | 1.28               |                   |
| Fergus Falls     |                   | 1.39             | 1.31               |                   |
| Hastings         |                   | 1.26             | 1.26               |                   |
| Hibbing          |                   | 2.62             | 2.62               | 1.83              |
| Little Falls     |                   | 3.12             | 2.79               | 0.83              |
| Mankato          |                   | 6.41             | 5.34               | 1.46              |
| Maple Grove      |                   | 0.50             | ---                |                   |
| Marshall         |                   | 1.44             | 1.44               |                   |
| Minneapolis      |                   | 7.80             | 26.47              |                   |
| New Ulm          |                   | 0.58             | ---                |                   |
| North Mankato    |                   | 1.90             | 1.79               | 0.02              |
| Northfield       |                   | 0.80             | ---                |                   |
| Robbinsdale      |                   | 0.00             | 0.55               |                   |
| St. Cloud        |                   | 5.76             | 2.26               |                   |
| St. Paul         |                   | 9.31             | ---                |                   |
| St. Peter        |                   | 2.43             | 2.28               |                   |
| Sauk Rapids      |                   | 1.02             | 1.02               |                   |
| South St. Paul   |                   | 0.61             | 0.61               |                   |
| Virginia         |                   | 1.66             | 1.12               | 0.02              |
| Waite Park       |                   | 0.52             | ---                |                   |
| Willmar          |                   | 4.14             | 4.39               | 4.39              |
| <b>TOTAL</b>     |                   | <b>91.29</b>     | <b>85.16</b>       | <b>14.79</b>      |

## **PAST HISTORY OF ADMINISTRATIVE ACCOUNT**

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

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

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

## RESEARCH ACCOUNT MOTION

Be it resolved that an amount of \$207,386 (not to exceed 1/4 of 1 % of the 1993 M.S.A.S. Apportionment sum of \$82,954,222) shall be set aside from the 1994 Apportionment fund and be credited to the research account.

MOTION BY:

SECONDED BY:

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

The unexpended balances in the research account at the end of the year is transferred back to the state aid fund from which it was obtained.

CURRENT RESOLUTIONS  
OF THE  
MUNICIPAL SCREENING BOARD

JUNE 1993

BE IT RESOLVED:

ADMINISTRATION

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

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

Screening Board Chairman and Vice Chairman - June 1987

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

Screening Board Secretary - Oct. 1961

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

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

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

Appointment to Unencumbered Construction Funds Subcommittee - Revised June 1979

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

Screening Board Alternate Attendance - June 1979

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

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

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

Research Account - Oct. 1961

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

Soil Type - Oct. 1961

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

Improper Needs Report - Oct. 1961

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

New Cities Needs - Oct. 1983

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

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

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

Construction Accomplishments - Oct. 1988 (Revised June 1993)

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

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

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

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

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

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

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

In the event that a M.S.A.S route earning "After the Fact" needs is removed from the M.S.A. system, then, the "After the Fact" needs shall be removed from the needs study, except if transferred to another state system. No adjustment will be required on needs earned prior to the revocation.

## 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)

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 and County State Aid Highways.

(Nov. 1965 - Revised 1972, 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 T.H. or C.S.A.H. system shall be included in the local street mileage.

(Nov. 1965 - Revised 1969)

However, the maximum mileage for State Aid designation may be exceeded to the extent necessary to designate trunk highway turnbacks, only if sufficient mileage is not available as determined by the Annual Certification of Mileage.

(Jan. 1969) (Revised 1993)

Any mileage for designation prior to the trunk highway turnback shall be used for the turnback before exceeding the maximum mileage.

In the event the maximum mileage is exceeded by a trunk highway turnback, additional MSAS designations can be considered to the extent a city revokes Municipal State Aid mileage.

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)

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.

A one-way street will be treated as one-half of a full four-lane width divided street of either 56 feet or 72 feet (72 feet when the projected ADT is over 8,000) for needs, and that the roadway system must be operating as one-way streets prior to the time of designation.



St. Paul

| MSA<br>ROUTE<br>NO. |                  | <u>TERMINI</u>          | <u>APPROVAL<br/>DATE</u> | <u>MILEAGE</u> | <u>NEEDS<br/>WIDTH</u> |
|---------------------|------------------|-------------------------|--------------------------|----------------|------------------------|
| 134                 | EB Fifth St.     | - Fort Rd. (W. 7th St.) | 6/89                     | 0.85 Miles     | 28' & 36'              |
| 198                 | WB Sixth St.     | to Broadway St.         |                          | 0.86 Miles     | 36'                    |
| 235                 | NB Wabasha St.   | - Kellogg Blvd.         | 6/89                     | 0.61 Miles     | 36'                    |
| 236                 | SB St. Peter St. | to Twelfth St.          |                          | 0.62 Miles     | 36'                    |
| 165                 | NB Minnesota St. | - Kellogg Blvd.         | 6/89                     | 0.47 Miles     | 36'                    |
| 117                 | SB Cedar St.     | to Tenth St.            |                          | 0.46 Miles     | 36'                    |
| 196                 | NB Sibley St.    | - Shepard Road          | 6/89                     | 0.34 Miles     | 36'                    |
|                     | SB Jackson St.   | to Seventh St.          |                          | <u>CSAH</u>    |                        |
|                     |                  |                         |                          | 4.21 Miles     |                        |

Red Wing

|     |           |            |      |           |     |
|-----|-----------|------------|------|-----------|-----|
| 104 | West Ave. | - Main to  | 6/93 | .08 miles | 28' |
| 105 | East Ave. | Third      |      | .07 miles | 28' |
| 105 | East Ave. | - Third to | 6/93 | .29 miles | 28' |
| 106 | West Ave. | 7th St.    |      | .29 miles | 28' |

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 | \$ 4.50 Ton |
| Class 5    | Spec. #2211 | 6.00 Ton    |
| Bituminous | Spec. #2331 | 22.00 Ton   |

Surface:

|            |             |              |
|------------|-------------|--------------|
| Bituminous | Spec. #2331 | \$ 22.00 Ton |
| Bituminous | Spec. #2341 | 24.50 Ton    |
| Bituminous | Spec. #2361 | 32.00 Ton    |

Shoulders:

|        |             |             |
|--------|-------------|-------------|
| Gravel | Spec. #2221 | \$ 7.00 Ton |
|--------|-------------|-------------|

**Miscellaneous:**

|                          |                          |
|--------------------------|--------------------------|
| Storm Sewer Construction | \$206,000.00 Mile        |
| Storm Sewer Adjustment   | 64,000.00 Mile           |
| Special Drainage-Rural   | 25,000.00 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   | 5.50 Lin. Ft.  |
| Sidewalk        | 15.00 Sq. Yd.  |
| Engineering     | 18%            |

**Removal Items:**

|                   |                  |
|-------------------|------------------|
| Curb & Gutter     | \$ 1.60 Lin. Ft. |
| Sidewalk          | 4.50 Sq. Yd.     |
| Concrete Pavement | 4.00 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)                  | \$ 600 Unit     |
| Rubberized Railroad Crossings (Per Track) | \$ 900 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<br>Under 1000<br>Vehicles Per<br>Day<br>----- | Cost For<br>Over 1000<br>Vehicles Per<br>Day<br>----- |
|--|--|---|
| Traffic Lanes:<br>Segment length times number of<br>traffic lanes times cost per mile. | \$1,320<br>(Per Mile)                                  | \$2,200<br>(Per Mile)                                 |
| Parking Lanes:<br>Segment length times number of<br>parking lanes times cost per mile. | \$1,320<br>(Per Mile)                                  | \$1,320<br>(Per Mile)                                 |
| Median Strip:<br>Segment length times cost per mile.                                   | \$ 440<br>(Per Mile)                                   | \$ 880<br>(Per Mile)                                  |
| Storm Sewer:<br>Segment length times cost per mile.                                    | \$ 440<br>(Per Mile)                                   | \$ 440<br>(Per Mile)                                  |
| Traffic Signals:<br>Number of traffic signals times cost for<br>each signal.           | \$ 440<br>(Per Each)                                   | \$ 440<br>(Per Each)                                  |

**Unlimited Segments: Normal M.S.A.S. Streets.**

|  |                       |                       |
|--|-----------------------|-----------------------|
| Minimum allowance for mile is determined<br>by segment length times cost per mile. | \$4,400<br>(Per Mile) | \$4,400<br>(Per Mile) |
|--|-----------------------|-----------------------|

**Limited Segments: Combination Routes.**

|  |                       |                       |
|--|-----------------------|-----------------------|
| Minimum allowance for mile is determined<br>by segment length times cost per mile. | \$2,200<br>(Per Mile) | \$2,200<br>(Per Mile) |
|--|-----------------------|-----------------------|

**NEEDS ADJUSTMENTS**

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

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

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

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

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

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

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

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

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

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

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

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

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

Initial Turnback Maintenance Adjustment - Fractional Year Reimbursement:

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

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

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

TRAFFIC - June 1971

Traffic Limitation on Non-Existing Streets - Oct. 1965

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

Traffic Manual - Oct. 1962

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

Traffic Counting - Sept. 1973 (Revised June 1987)

That future traffic data for State Aid Needs Studies be developed as follows:

1. The municipalities in the metropolitan area cooperate with the State by agreeing to participate in counting traffic every two years.
2. The cities in the outstate area may have their traffic counted for a nominal fee and maps prepared by State forces every four years, or may elect to continue the present procedure of taking their own counts and preparing their own traffic maps at four year intervals.
3. Some deviations from the present four-year counting cycle shall be permitted during the interim period of conversion to counting by State forces in the outstate area.