



1987

*Municipal  
State Aid  
Street  
Apportionment Data*



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1987

January 1987

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Minnesota Department of Transportation  
Transportation Building, St. Paul, MN 55155

Phone 612-296-1662

January, 1987

TO : Municipal Engineers  
SUBJECT : The 1987 Municipal State Aid Apportionment Book

Gentlemen:

Enclosed is a copy of the "1987 Municipal State Aid Street Apportionment Data" report for your use in better understanding the means of distributing the annual allocation to each municipality.

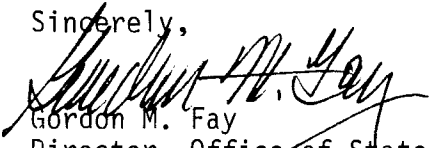
This report has been compiled by the Municipal State Aid Needs Unit, Office of State Aid, Technical Services Division, Department of Transportation, in conjunction with the Office of Finance.

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

The lower apportionment amount in this summary is due to the lower interest received on investments and the loss of the excise tax for the 1986 and 1987 apportionment. Due to the passage of the bill after the 1986 distribution, the reduction was not considered in the 1986 apportionment, so an additional deduction affects the 1987 apportionment doubly.

Should you have any questions or suggestions concerning this publication please contact Ken Straus at the above number. A limited amount of additional copies of this report are available on request.

Sincerely,

  
Gordon M. Fay  
Director, Office of State Aid

Enclosures:  
1987 Municipal State Aid Street Apportionment Data

## PREFACE

THIS "1987 MUNICIPAL STATE AID STREET APPORTIONMENT DATA" BROCHURE IS PUBLISHED TO ASSIST IN BUDGETING AND TO PROMOTE A BETTER UNDERSTANDING AMONG THE LOCAL GOVERNMENTAL UNITS RELATING TO THE SOURCE OF REVENUE, MEANS OF DISTRIBUTION AND THE ANNUAL APPORTIONMENT AMOUNTS FOR EACH MUNICIPALITY OVER 5,000 POPULATION IN MINNESOTA.

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

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

1987 MUNICIPAL STATE AID STREET APPORTIONMENT DATA

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1986 MUNICIPAL SCREENING BOARD

OFFICERS

|               |                 |            |                |
|---------------|-----------------|------------|----------------|
| Chairman      | Larry Anderson  | Prior Lake | (612) 447-4230 |
| Vice Chairman | Kenneth Saffert | Mankato    | (507) 625-3161 |
| Secretary     | Fred Moore      | Plymouth   | (612) 559-2800 |

MEMBERS

| District      | Served | Representative     |                   |                |
|---------------|--------|--------------------|-------------------|----------------|
| 1             | 1      | Clyde Busby        | Hibbing           | (218) 262-3486 |
| 2             | 2      | Gary Sanders       | East Grand Forks  | (218) 773-1185 |
| 3             | 2      | Ronald Schweninger | Brainerd          | (218) 828-2309 |
| 4             | 1      | Dan Edwards        | Fergus Falls      | (218) 739-2251 |
| 5             | 3      | Ronald Rudrud      | Bloomington       | (612) 881-5811 |
| 6             | 1      | Richard Murphy     | Austin            | (507) 437-7671 |
| 7             | 3      | Martin Menk        | North Mankato     | (507) 625-4171 |
| 8             | 2      | Thomas Rodeberg    | Montevideo        | (612) 269-6575 |
| 9             | 3      | Steven Gatlin      | White Bear Lake   | (612) 429-8526 |
| (Three Cities |        | John Carlson       | Duluth            | (218) 723-3278 |
| of the        |        | Marvin Hoshaw      | Minneapolis       | (612) 348-2456 |
| First Class)  |        | Robert Peterson    | St. Paul          | (612) 298-5070 |
| District      |        | Alternates         |                   |                |
| 1             |        | Norman Schmidt     | Hermantown        | (218) 729-6331 |
| 2             |        | David Kildahl      | Thief River Falls | (218) 681-2944 |
| 3             |        | John Gilbertson    | Elk River         | (612) 425-2181 |
| 4             |        | Alvin Moen         | Alexandria        | (612) 762-8149 |
| 5             |        | William Ottensman  | Coon Rapids       | (612) 755-2880 |
| 6             |        | Robert Bollant     | Winona            | (507) 452-8550 |
| 7             |        | Vacant             |                   |                |
| 8             |        | Marlow Priebe      | Hutchinson        | (612) 587-5151 |
| 9             |        | Charles Siggerud   | Burnsville        | (612) 890-4100 |

1986 SUBCOMMITTEES APPOINTED BY THE SCREENING BOARD

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NEEDS STUDY SUBCOMMITTEE

---

Chairman - Donald Asmus  
Minnetonka  
(612-933-2511)  
Expires in 1986

Roger Plumb  
Rochester  
(507-281-6008)  
Expires in 1987

Steve Gatlin  
White Bear Lake  
(612-429-8531)  
Expires in 1988

UNENCUMBERED CONSTRUCTION FUNDS SUBCOMMITTEE

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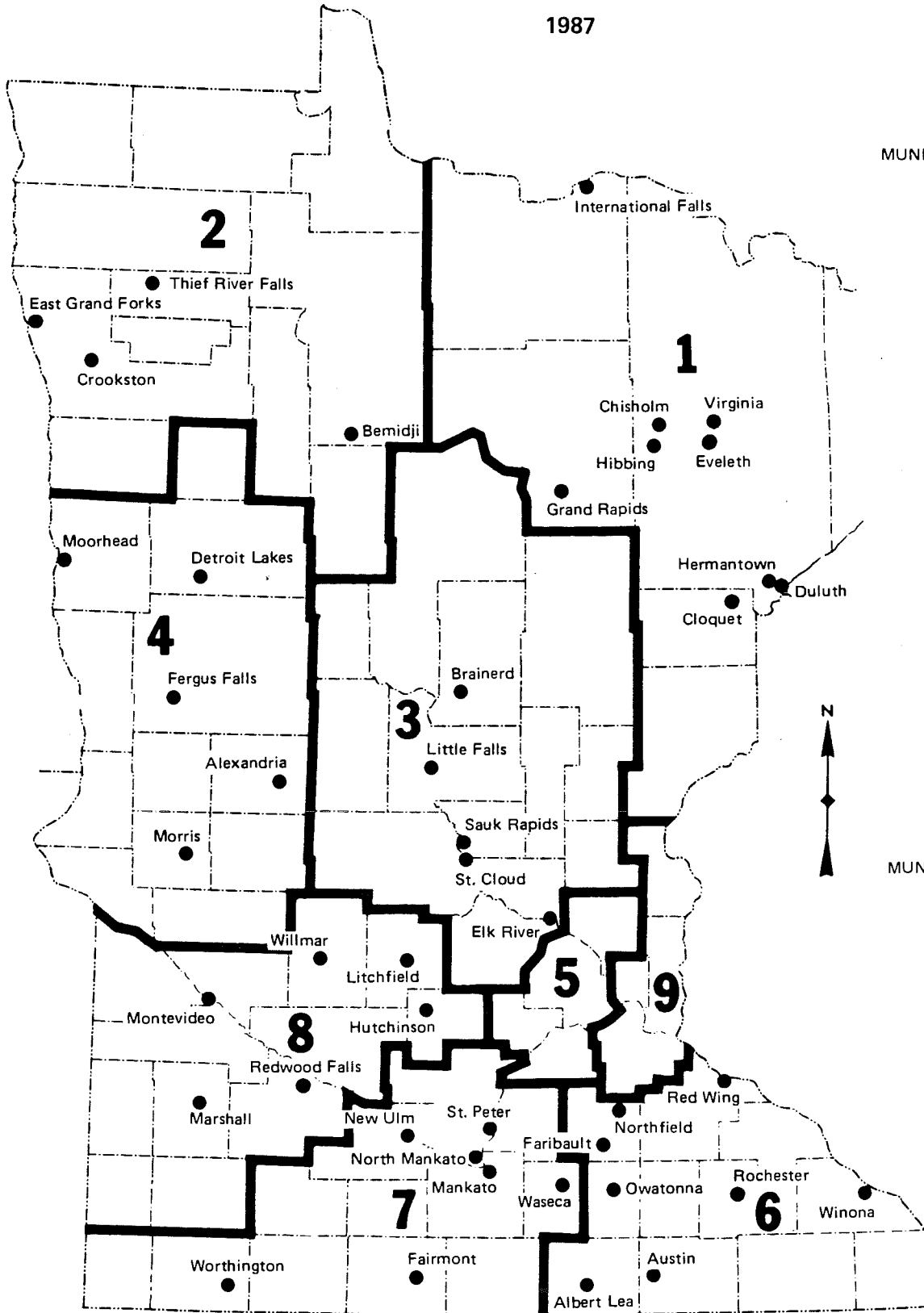
Chairman - Robert Simon  
South St. Paul  
(612-451-1738)  
Expires in 1986

Herbert Reimer  
Moorhead  
(218-299-5390)  
Expires in 1987

H. R. Spurrier  
Brooklyn Center  
(612-561-5440)  
Expires in 1988

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

1987



MUNICIPALITIES IN DISTRICT 5

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

MUNICIPALITIES IN DISTRICT 9

- Apple Valley
- Arden Hills
- Burnsville
- Cottage Grove
- Eagan
- Falcon Heights
- Hastings
- Inver Grove Heights
- Lake Elmo
- Lakeville
- Little Canada
- Maplewood
- Mendota Heights
- Moundsview
- New Brighton
- North Saint Paul
- Oakdale
- Rosemount
- Roseville
- Saint Paul
- Shoreview
- South Saint Paul
- Stillwater
- Vadnais Heights
- West Saint Paul
- White Bear Lake
- Woodbury



MUNICIPAL ENGINEERS

|   |        |   |        |
|---|--------|---|--------|
| Richard A. Johnson<br>Albert Lea City Engr.<br>221 East Clark St.<br>Albert Lea, MN 56007<br>(507) 373-6429                                       | 101(6) | Robert C. Wiegert<br>Blaine City Engr.<br>9150 Central Ave. NE<br>Blaine, MN 55434<br>(612) 784-6700                                      | 106(5) |
| Alvin H. Moen<br>Alexandria City Engr.<br>% Widseth Smith Nolting & Assoc.<br>1224 N Nokomis<br>Alexandria, MN 56308<br>(612) 762-8149            | 102(4) | Ronald Rudrud<br>Bloomington City Engr.<br>2215 W Old Shakopee Rd.<br>Bloomington, MN 55431<br>(612) 881-5811                             | 107(5) |
| James E. Schrantz<br>Andover City Engr.<br>1685 Crosstown Blvd. NE<br>Anoka, MN 55303<br>(612) 755-5100   | 198(5) | Ronald J. Schweninger<br>Brainerd City Engr.<br>City Hall<br>Brainerd, MN 56401<br>(218) 828-2309   | 108(3) |
| Robert B. Johnson<br>Anoka City Engr.<br>2015 - 1st Ave. N. City Hall<br>Anoka, MN 55303<br>(612) 421-6630  | 103(5) | H. R. Spurrier, City Eng.<br>Brooklyn Center Dept of Pub Wks<br>6301 Shingle Creek Parkway<br>Brooklyn Center, MN 55430<br>(612) 561-5440 | 109(5) |
| Keith Gordon<br>Apple Valley City Engr.<br>% Bonestroo Rosene and Assoc.<br>2335 W Trunk Hwy. 36<br>St. Paul, MN 55113<br>(612) 636-4600          | 186(9) | Neil Johnson<br>Brooklyn Park City Engr.<br>5800 - 85th Ave. N<br>Brooklyn Park, MN 55443<br>(612) 425-4502                               | 110(5) |
| Donald Christofferson<br>Arden Hills City Engr.<br>% Short-Elliott-Hendrickson<br>222 E Little Canada Rd.<br>St. Paul, MN 55117<br>(612) 484-0272 | 187(9) | Charles A. Siggerud<br>Burnsville City Engr.<br>1313 E Hwy. 13<br>Burnsville, MN 55337<br>(612) 890-4100                                  | 179(9) |
| Richard Murphy<br>Austin City Engr.<br>500 - 4th Ave. NE<br>Austin, MN 55912<br>(507) 437-7671  | 104(6) | Jack Bittle<br>Champlin City Engr.<br>12001 Hwy 52<br>Champlin, MN 55316<br>(612) 421-8064  | 193(5) |
| Donavon Boell<br>Bemidji City Engr.<br>401 Minnesota Ave.<br>Bemidji, MN 56601<br>(218) 751-5610  | 105(2) | Vacant<br>Chanhassen City Engr.<br>690 Coulter Dr. - Box 147<br>Chanhassen, MN 55317<br>(612) 937-1900                                    | 194(5) |

|  |        |   |        |
|--|--------|---|--------|
| Glenn R. Cook<br>Chaska City Engr.<br>% Bonestroo, Rosene & Assc.<br>2335 W Trunk Hwy. 36<br>St. Paul, MN 55113<br>(612) 636-4600                          | 196(5) | John Carlson<br>Duluth City Engr.<br>Room 211 - City Hall<br>Duluth, MN 55802<br>(218) 723-3278                                     | 118(1) |
| John Baker<br>Chisholm City Engr.<br>John Baker Engineering<br>Box 152<br>Chisholm, MN 55719<br>(218) 254-5793   | 111(1) | Tom Colbert<br>Director of Public Works<br>Eagan City Engr.<br>3830 Pilot Knob Rd.<br>Eagan, MN 55122<br>(612) 454-8100             | 195(9) |
| James R. Prusak<br>Cloquet City Engr.<br>508 Cloquet Ave.<br>Cloquet, MN 55720<br>(218) 879-6758   | 112(1) | Terry Maurer<br>East Bethel City Engr.<br>% Maier Stewart & Assc., Inc.<br>1959 Sloan Place<br>St. Paul, MN 55117<br>(612) 774-6021 | 203(5) |
| Fredrick Salsbury, Dir<br>Columbia Heights Pub. Works<br>Columbia Heights City Engr.<br>637 - 38th Ave. NE<br>Columbia Heights, MN 55421<br>(612) 788-9221 | 113(5) | Gary Sanders<br>East Grand Forks City Engr.<br>P.O. Box 385<br>East Grand Forks, MN 56721<br>(218) 773-1185                         | 119(2) |
| William R. Ottensmann<br>Coon Rapids City Engr.<br>1313 Coon Rapids Blvd.<br>Coon Rapids, MN 55433<br>(612) 755-2880                                       | 114(5) | Eugene Dietz<br>Eden Prarie City Engr.<br>8950 Eden Prarie Rd.<br>Eden Prarie, MN 55344<br>(612) 937-2262                           | 181(5) |
| Glenn R. Cook<br>Cottage Grove City Engr.<br>% Bonestroo, Rosene & Assc.<br>2335 Trunk Hwy. 36<br>St. Paul, MN 55113<br>(612) 636-4600                     | 180(9) | Francis J. Hoffman<br>Edina City Engr.<br>4801 W 50th St.<br>Edina, MN 55424<br>(612) 927-8861                                      | 120(5) |
| Howard C. Smith<br>Crookston City Engr.<br>216 S Main St. - Box 458<br>Crookston, MN 56716<br>(218) 281-6522   | 115(2) | Terry Maurer<br>Elk River City Engr.<br>% Maier Stewart & Assc., Inc.<br>1959 Sloan Place<br>St. Paul, MN 55117<br>(612) 774-6021   | 204(3) |
| William Monk<br>Crystal City Engr.<br>4141 Douglas Dr. N<br>Crystal, MN 55422<br>(612) 537-8421  | 116(5) | John Baker<br>Eveleth City Engr.<br>John Baker Engineering<br>Box 152<br>Chisholm, MN 55719<br>(218) 254-5793                       | 122(1) |
| Irving D. Bakken<br>Detroit Lakes City Engr.<br>% Larson-Peterson & Assc., Inc.<br>522 W Main St. - Box 150<br>Detroit Lakes, MN 56501<br>(218) 847-5607   | 117(4) | Brian Bachmeier<br>Fairmont City Engr.<br>114 E. First St.<br>Fairmont, MN 56031<br>(507) 238-9461                                  | 123(7) |

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| Glenn R. Cook<br>Falcon Heights City Engr.<br>% Bonestroo Rosene & Assc.<br>2335 W Trunk Hwy. 36<br>St. Paul, MN 55113<br>(612) 636-4600 | 124(9) | Norman Schmidt<br>Hermantown City Engr.<br>3161 Maple Grove Rd.<br>Hermantown, MN 55811<br>(218) 729-6331   | 202(1) |
| (Vacant)<br>Faribault City Engineer<br>208 NW 1st. Ave.<br>Faribault, MN 55021-9988<br>(507) 334-2222                                    | 125(6) | Clyde W. Busby<br>Hibbing City Engr.<br>City Hall<br>Hibbing, MN 55746<br>(218) 262-3486  | 131(1) |
| Daniel Edwards<br>Fergus Falls City Engr.<br>City Hall<br>Fergus Falls, MN 56537<br>(218) 739-2251                                       | 126(4) | (Vacant)<br>Hopkins City Engr.<br>1010 S. 1st. St.<br>Hopkins, MN 55343<br>(612) 935-8474   | 132(5) |
| John G. Flora<br>Fridley Pub. Works Director<br>6431 University Ave. NE<br>Fridley, MN 55432<br>(612) 571-3450                           | 127(5) | Marlow V. Priebe<br>Hutchinson City Engr.<br>37 Washington Ave. W<br>Hutchinson, Mn 55350<br>(612) 587-5151   | 133(8) |
| Lowell E. Odland<br>Golden Valley City Engr.<br>7800 Golden Valley Rd.<br>Golden Valley, MN 55427<br>(612) 545-3781                      | 128(5) | Donald Nolting<br>Intl. Falls City Engr.<br>City Hall<br>Intl. Falls, MN 56649<br>(218) 281-6522  | 134(1) |
| Glen D. Hodgson, P.E.<br>Grands Rapids City Engr.<br>City Hall<br>Grand Rapids, MN 55744<br>(218) 327-2802                               | 129(1) | David Sonnenberg<br>Inver Grove Heights City Engr.<br>Director Of Public Works<br>8150 Barbara Ave.<br>Inver Grove Hgts., MN 55075<br>(612) 457-2111 Ext. 260 | 178(9) |
| E. V. Comstock<br>Ham Lake City Engr.<br>% Comstock and Davis, Inc.<br>1446 County Rd. J<br>Minneapolis, MN 55432<br>(612) 784-9346      | 197(5) | Larry D. Bohrer<br>Lake Elmo City Engr.<br>% Toltz-King-Duvall & Assc., Inc<br>2500 American Natl. Bank Bldg.<br>St. Paul, MN 55101<br>(612) 292-4590         | 206(9) |
| Jim Kleinschmidt<br>Hastings City Engr.<br>City Hall<br>Hastings, MN 55033<br>(612) 437-4127   | 130(9) | Darrell Schneider<br>Lakeville City Engr.<br>Donohue & Assoc. Inc.<br>8500 - 210 St. W<br>Lakeville, MN 55044<br>(612) 469-3881                               | 188(9) |

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| John L. Davidson, P.E.<br>Lino Lakes City Engr.<br>% TKDA<br>2500 American Natl. Bank Bldg.<br>St. Paul, MN 55101<br>(612) 292-4568        | 210(5) | Perry D. Smith<br>Minneapolis City Engr.<br>A-1800 Government Center<br>Minneapolis, MN 55487<br>(612) 348-2443                                  | 141(5) |
| Joseph R. Bettendorf<br>Litchfield City Engr.<br>% Pauly & Olsen Assc., Ltd.<br>113 S 5th Ave.<br>St. Cloud, MN 56301<br>(612) 252-4740    | 135(8) | Donald L. Asmus<br>Minnetonka City Engr.<br>14600 Minnetonka Blvd.<br>Minnetonka, MN 55343<br>(612) 933-2511 Ext. 261                            | 142(5) |
| Donald O. Carley<br>Little Canada City Engr.<br>% Milner Carley & Assc.<br>500 W Hwy. 96<br>St. Paul, MN 55112<br>(612) 484-3301           | 200(9) | Thomas N. Rodeberg<br>Montevideo City Engr.<br>103 Canton Ave. - Box 676<br>Montvideo, MN 56265<br>(612) 269-6575                                | 143(8) |
| George R. Kriha, P.E.<br>Little Falls City Engr.<br>Wideseth-Smith-Nolting & Assc.<br>P.O. Box 765<br>Brainerd, MN 56401<br>(218) 829-5117 | 136(3) | Herbert D. Reimer<br>Moorhead City Engr.<br>Box 779<br>Moorhead, MN 56560<br>(218) 299-5390  | 144(4) |
| Ken Saffert<br>Mankato City Engr.<br>202 E Jackson St.<br>Mankato, MN 56001<br>(507) 625-3161  | 137(7) | Don Nolting<br>Morris City Engr.<br>% Widseth-Smith-Nolting & Assc.<br>P.O. Box 963 - 2504 AGA Drive<br>Alexandria, MN 56308<br>(612) 762-8149   | 190(4) |
| Gerald E. Butcher<br>Maple Grove City Engr.<br>9401 Fernbrook Lane<br>Maple Grove, MN 55369<br>(612) 420-4000                              | 189(5) | William McCombs<br>Mound City Engr.<br>% McCombs-Knutson & Assc., Inc.<br>12800 Industrial Park Blvd.<br>Minneapolis, MN 55441<br>(612) 559-3700 | 145(5) |
| Ken Haider, Director<br>Maplewood Dept. of Pub. Works<br>1902 E County Rd. B<br>St. Paul, MN 55109<br>(612) 770-4552                       | 138(9) | Steve Thatcher, Director<br>Public Works/Community Dvpmt.<br>Mounds View City Engr.<br>2401 Hwy. 10<br>Mounds View, MN 55112<br>(612) 784-3055   | 146(9) |
| Richard Victor<br>Marshall City Engr.<br>344 W Main St. - Box 477<br>Marshall, MN 56258<br>(507) 537-6774                                  | 139(8) | Leslie Proper<br>New Brighton Dept. of Pub. Wks<br>803 - 5th Ave. NW<br>New Brighton, MN 55112<br>(612) 631-3736                                 | 147(9) |
| James E. Danielson<br>Mendota Hgts. Dir. of Pub. Wks<br>750 S Plaza Dr.<br>Mendota Heights, MN 55120<br>(612) 452-1086                     | 140(9) | Glenn R. Cook<br>New Hope City Engr.<br>% Bonestroo, Rosene & Assc.<br>2335 W Trunk Hwy. 36<br>St. Paul, MN 55113<br>(612) 636-4600              | 182(5) |

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| Pete McClurg<br>New Ulm City Engr.<br>City Hall<br>New Ulm, MN 56073<br>(507) 359-8245   | 148(7) | Larry J. Anderson<br>Prior Lake City Engr.<br>4629 Dakota St. SE - Box 359<br>Prior Lake, MN 55372<br>(612) 447-4230                         | 201(5) |
| Bruce R. Bullert<br>Northfield City Engr.<br>801 Washington St.<br>Northfield, MN 55057<br>(507) 645-8831                                    | 149(6) | Peter R. Raatikka<br>Ramsey City Engr.<br>Hakanson Anderson Assc., Inc.<br>222 Monroe St. - Box J<br>Anoka, MN 55303<br>(612) 427-5860       | 199(5) |
| Martin Menk<br>North Mankato City Engr.<br>% Bolton & Menk Engr. Co.<br>515 North Front<br>Mankato, MN 56001<br>(507) 625-4171               | 150(7) | Thomas Drake<br>Red Wing City Engr.<br>315 W 4th. St. - City Hall<br>Box 34<br>Red Wing, MN 55066<br>(612) 227-6220 Dir. Dial                | 156(6) |
| David Kotilinek<br>North St. Paul City Engr.<br>2526 E 7th. Ave<br>North St. Paul, MN 55109<br>(612) 770-4463                                | 151(9) | Ron Manz<br>Redwood Falls City Engr.<br>333 So. Washington<br>P.O. Box 10<br>Redwood Falls, MN 56283<br>(507) 637-5755                       | 207(8) |
| Daniel R. Boxrud<br>Oakdale City Engr.<br>Short-Elliott-Hendrickson, Inc.<br>222 E Little Canada Rd.<br>St. Paul, MN 55117<br>(612) 484-0272 | 185(9) | Michael J. Eastling, Dir<br>Richfield Pub. Works<br>City Engineer<br>6700 Portland Ave.<br>Richfield, MN 55423<br>(612) 869-7521             | 157(5) |
| Glen R. Cook<br>Orono City Engr.<br>% Bonestroo-Rosene & Assc.<br>2335 W Trunk Hwy. 36<br>St. Paul, MN 55113<br>(612) 636-4600               | 152(5) | Harold Israelson<br>Robbinsdale City Engr.<br>% Israelson & Assc.<br>9100 Bloomington Freeway-120<br>Bloomington, MN 55431<br>(612) 884-5371 | 158(5) |
| Arnold A. Putnam<br>Owatonna City Engr.<br>540 W. Hills Circle<br>Owatonna, MN 55060<br>(507) 451-4541                                       | 153(6) | Roger Plumb, Dir<br>Rochester City Engr.<br>1602 - 4th St. SE<br>Rochester, MN 55904<br>(507) 281-6008                                       | 159(6) |
| Fred G. Moore, Director<br>Plymouth Dept. of Pub Works<br>3400 Plymouth Blvd.<br>Plymouth, MN 55447<br>(612) 559-2800                        | 155(5) | Richard Hefti<br>Rosemount City Engr.<br>P.O. Box 455<br>1367 - 145th St.<br>Rosemount, MN 55068<br>(612) 423-4411                           | 208(9) |

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|---|--------|---|--------|
| Charles Honchell<br>Roseville City Engr.<br>2660 Civic Center Dr.<br>Roseville, MN 55113<br>(612) 484-3371  | 160(9) | Ken Ashfeld<br>Shakopee City Engr.<br>129 East 1st. Ave.<br>Shakopee, MN 55379<br>(612) 445-3650  | 166(5) |
| Steven Campbell<br>St. Anthony City Engr.<br>% Short-Elliott-Hendrickson<br>222 E Little Canada Rd.<br>St. Paul, MN 55117<br>(612) 484-0272       | 161(5) | Julian Fenendael<br>Shoreview City Engr.<br>4665 N Victoria St.<br>St. Paul, MN 55112<br>(612) 484-3353   | 167(9) |
| John Dolentz<br>St. Cloud City Engr.<br>400 - 2nd St. S<br>St. Cloud, MN 56301<br>(612) 255-7200  | 162(3) | Robert G. Simon<br>South St. Paul City Engr.<br>125 Third Ave. N<br>South St. Paul, MN 55075<br>(612) 451-1738  | 168(9) |
| Jim Grube<br>St. Louis Park City Engr.<br>5005 Minnetonka Blvd.<br>St. Louis Park, MN 55416<br>(612) 924-2551                                     | 163(5) | Glenn R. Cook<br>Spring Lake Park City Engr.<br>% Bonestroo, Rosene & Assc.<br>2335 W Trunk Hwy. 36<br>St. Paul, MN 55113<br>(612) 636-4600             | 183(5) |
| Donald E. Nygaard, Dir<br>City of St. Paul Pub. Works<br>600 City Hall Annex<br>25 W 4th St.<br>St. Paul, MN 55102<br>(612) 298-4241              | 164(9) | Short, Elliott & Hendrickson<br>Stillwater City Engr.<br>216 N Fourth St.<br>Stillwater, MN 55082<br>(612) 439-6121                                     | 169(9) |
| Martin C. Menk, Jr.<br>St. Peter City Engr.<br>% Bolten & Menk Engr. Co.<br>Box 270<br>St. Peter, MN 56082<br>(507) 931-2340                      | 165(7) | David Kildahl<br>Thief River Falls City Engr.<br>% Stewart & Walker, Inc.<br>324 E. Second St. Box 387<br>Thief River Falls, MN 56701<br>(218) 681-2944 | 170(2) |
| Alan D. Gray<br>Sauk Rapids City Engr.<br>% Rieke-Carroll-Muller & Assc.<br>1524 - 24th Ave. N. - Box 51<br>St. Cloud, MN 56301<br>(612) 253-1000 | 191(3) | Walter Williams<br>Vadnais Heights City Engr.<br>% Milner Carley & Assc.<br>500 W Hwy 96<br>St. Paul, MN 55112<br>(612) 484-3301                        | 209(9) |
| James Eulberg<br>Savage City Engr.<br>12305 Quentin Ave. S<br>Savage, MN 55378<br>(612) 890-1045  | 211(5) | Nicholas Dragisich<br>John Baker Eng. Inc.<br>Virginia City Engr.<br>P.O. Box 152<br>Chisholm, MN 55719<br>(218) 254-5793                               | 171(1) |

Orlin A. Ortloff 172(7)  
Waseca City Engr.  
508 S State St.  
Waseca, MN 56093  
(507) 835-3840

Philip A. Stefaniak, Dir. 173(9)  
West St. Paul Dept. of Pub. Works  
City Hall - 1616 Humboldt Ave.  
West St. Paul, MN 55118  
(612) 455-9671

Steven D. Gatlin 174(9)  
White Bear Lake City Engr.  
4820 Cook Ave.  
White Bear Lake, MN 55110  
(612) 429-8531

Dale Swanson 175(8)  
Willmar City Engr.  
333 - 6th St. SW - Box 755  
Willmar, MN 56201  
(612) 235-4202

Robert J. Bollant 176(6)  
Winona City Engr.  
207 Lafayette St.  
Winona, MN 55987  
(507) 452-8550

David R. Jessup 192(9)  
Woodbury City Engr.  
Municipal Bldg.  
2100 Radio Dr.  
Woodbury, MN 55125  
(612) 739-4838

Duane M. Haffield 177(7)  
Worthington City Engr.  
Box 279 - City Hall  
Worthington, MN 56187  
(507) 376-3161

SCHEDULE "A"

Minnesota Department of Transportation  
 ESTIMATED Funds Available for Distribution  
 From Highway User Tax Distribution Fund

ESTIMATED Gross Income (Fiscal 1987)

|                   |                            |               |               |
|-------------------|----------------------------|---------------|---------------|
| Motor Fuel Tax    | 7-1-86 to 12-31-86         | \$188,568,000 |               |
|                   | 1-1-87 to 6-30-87 (Est.)   | 164,600,000   |               |
|                   |                            | -----         |               |
|                   | Subtotal                   |               | \$353,168,000 |
| Motor Vehicle Tax | 7-1-86 to 12-31-86         | \$114,896,000 |               |
|                   | 1-1-87 to 6-30-87 (Est.)   | 126,000,000   |               |
|                   |                            | -----         |               |
|                   | Subtotal                   |               | \$240,896,000 |
|                   |                            |               | -----         |
|                   | Total Highway Users Income |               | \$594,064,000 |

Less Transfer to:

|  |          |              |              |
|--|----------|--------------|--------------|
| Motor Vehicle Division                 |          | \$12,125,000 |              |
| Petroleum Division                     |          | 1,330,000    |              |
| Department of Natural Resources        |          |              |              |
| Unrefunded Marine Gas Tax              |          | 4,400,000    |              |
| Unrefunded Snowmobile Gas Tax          |          | 2,200,000    |              |
| Unrefunded All Terrain Vehicle Gas Tax |          | 409,000      |              |
|  |          | -----        |              |
|  | Subtotal |              | \$20,464,000 |

ESTIMATED Funds Available for Distribution  
 in Calendar Year 1987 \$573,600,000

Special 5% Distribution (M.S. 161.081)

-----  
 \$573,600,000 x 5% = \$28,680,000

|                            |             |              |              |
|----------------------------|-------------|--------------|--------------|
| Trunk Highway Fund         | (51%)       | \$14,626,800 |              |
| County Turnback Account    | (41% x 43%) | 5,056,284    |              |
| Town Bridge Account        | (41% x 20%) | 2,351,760    |              |
| Town Road Account          | (41% x 37%) | 4,350,756    |              |
| Municipal Turnback Account | ( 8%)       | 2,294,400    |              |
|                            |             | -----        |              |
|                            |             |              | \$28,680,000 |

Regular Distribution

-----  
 \$573,600,000 x 95% = \$544,920,000

|                                 |       |               |               |
|---------------------------------|-------|---------------|---------------|
| Trunk Highway Fund              | (62%) | \$337,850,400 |               |
| County State Aid Highway Fund   | (29%) | 158,026,800   |               |
| Municipal State Aid Street Fund | ( 9%) | 49,042,800    |               |
|                                 |       | -----         |               |
|                                 |       |               | \$544,920,000 |



SCHEDULE "B"

Minnesota Department of Transportation  
ESTIMATED Funds Available for Distribution  
To Counties in 1987

INCOME:

|  |               |
|--|---------------|
| Highway Users Fund (29%) - Excluding Turnback          | \$158,026,800 |
| Investment Interest                                    | 9,000,000     |
| Decrease in income under 1986 estimate                 | (4,987,857)   |
| Unexpended balance of 1986 Administrative Cost Account | 1,180,075     |
| Unexpended balance of 1986 Research Account            | 303,865       |
| Release of Unencumbered State Park Fund                | 0             |
| Release of County Turnback Funds                       | 9,000,000     |
|  | -----         |
| Total Funds Available                                  | \$172,522,883 |

DEDUCTIONS:

|  |               |
|--|---------------|
| Administrative Account (1-1/2% of total funds available)   | \$2,587,843   |
| Disaster Fund  |               |
| Legal Limit  | \$300,000     |
| Unexpended balance as of 12/31/86  | 300,000       |
| Amount required to make the \$300,000 maximum  | -----         |
|  | \$0           |
| Research Account (1/4 of 1% of the 1986 Apportionment Sum)<br>\$176,412,995 x 25% = \$441,032<br>(As determined by 1986 Screening Board)   | \$441,032     |
| State Park Road Fund<br>After deducting for the Administrative Account,<br>Disaster Fund, and Research Account, a sum of three<br>quarters of one percent of the remainder, but not<br>exceeding \$600,000 annually, shall be set aside for<br>use as prescribed by law. | \$600,000     |
|  | -----         |
| APPORTIONMENT SUM Available for Distribution to the Counties<br>in 1987  | \$168,894,008 |

|                                    |                 |
|------------------------------------|-----------------|
| Equalization - 10% =               | \$16,889,401    |
| Registration - 10% =               | 16,889,401      |
| Mileage - 30% =                    | 50,668,202      |
| Money Needs - 50% = (\$84,447,004) | 84,588,456 *    |
|                                    | -----           |
|                                    | \$169,035,460 * |

\* Includes \$141,452 received from the Attorney General as damages paid by contractors for their collusive conduct (to be apportioned among all counties according to current needs formula).

SCHEDULE "C"

Minnesota Department of Transportation  
 ESTIMATED Funds Available for Distribution  
 To Municipalities in 1987

INCOME:  
 -----

|  |              |
|--|--------------|
| Highway Users Fund ( 9% ) - Excluding Turnback         | \$49,042,800 |
| Interest on Investments                                | 6,000,000    |
| Decrease in income under 1986 estimate                 | (1,812,943)  |
| Unexpended balance of 1986 Administrative Cost Account | 427,562      |
| Unexpended balance of 1986 Research Account            | 98,607       |
|  | -----        |
| Total Funds Available                                  | \$53,756,026 |

DEDUCTIONS:  
 -----

|  |             |
|--|-------------|
| Administrative Account (1-1/2% of total funds available) | \$806,340   |
| Disaster Fund  |             |
| Legal Limit (5% of the Current                           |             |
| Apportionment Sum)                                       | \$2,655,087 |
| Unexpended balance of 1985 Disaster Fund                 | 2,954,891   |
|  | -----       |
| Amount required to make maximum allowed                  | (\$299,804) |

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

|  |           |
|--|-----------|
| Research Account (1\4 of 1% of the 1986 Apportionment Sum) |           |
| \$59,097,819 x .25% = \$147,745                            |           |
| (As determined by 1986 Screening Board)                    | \$147,745 |

|   |              |
|---|--------------|
| APPORTIONMENT SUM Available for Distribution to the Urban<br>----- Municipalities in 1987 | \$53,101,745 |
|---|--------------|

|             |         |              |
|-------------|---------|--------------|
| Population  | - 50% = | \$26,550,872 |
| Money Needs | - 50% = | 26,550,873   |
|             |         | -----        |
|             |         | \$53,101,745 |

SCHEDULE "D"

Minnesota Department of Transportation  
ESTIMATED Funds Available for Distribution  
To Town Bridge Account and Town Road Account

|   |             |
|---|-------------|
| Income to Town Bridge Account:                              |             |
| Highway Users Fund(41% x 20% x 5%)                          | \$2,351,760 |
| Increase in income over previous<br>years estimates         | 421,115     |
|   | -----       |
| Total monies available for distribution to<br>Towns in 1987 | \$2,772,875 |
| <br>  |             |
| Income to Town Road Account:                                |             |
| Highway Users Fund(41% x 37% x 5%)                          | \$4,350,756 |
| Increase in income over previous<br>years estimates         | 131,602     |
|   | -----       |
| Total monies available for distribution to<br>Towns in 1987 | \$4,482,358 |

1987 MUNICIPAL STATE AID STREET APPORTIONMENT DATA  
1987 Population Apportionment

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 last federal census will be used in determining the cities population. Adjustments to the population total due to a Special U.S. census shall remain in effect until the 1990 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.

| Municipalities<br>----- | Population<br>----- | Population<br>Apportionment<br>----- |
|-------------------------|---------------------|--------------------------------------|
| Albert Lea              | 19,445              | \$205,190                            |
| Alexandria              | 7,608               | 80,282                               |
| Andover                 | 9,387               | 99,055                               |
| <br>                    |                     |                                      |
| Anoka                   | 15,634              | 164,975                              |
| Apple Valley            | 27,172              | 286,728                              |
| Arden Hills             | 8,012               | 84,545                               |
| <br>                    |                     |                                      |
| Austin                  | 23,079              | 243,538                              |
| Bemidji                 | 10,945              | 115,495                              |
| Blaine                  | 34,405              | 363,053                              |
| <br>                    |                     |                                      |
| Bloomington             | 81,831              | 863,509                              |
| Brainerd                | 11,489              | 121,236                              |
| Brooklyn Center         | 31,230              | 329,550                              |
| <br>                    |                     |                                      |
| Brooklyn Park           | 43,332              | 457,254                              |
| Burnsville              | 40,115              | 423,307                              |
| Champlin                | 9,006               | 95,034                               |
| <br>                    |                     |                                      |
| Chanassen               | 6,359               | 67,102                               |
| Chaska                  | 8,346               | 88,070                               |
| Chisholm                | 5,930               | 62,575                               |
| <br>                    |                     |                                      |
| Cloquet                 | 11,142              | 117,574                              |
| Columbia Heights        | 20,029              | 211,353                              |
| Coon Rapids             | 42,845              | 452,115                              |
| <br>                    |                     |                                      |
| Cottage Grove           | 18,994              | 200,431                              |
| Crookston               | 8,628               | 91,046                               |
| Crystal                 | 25,543              | 269,539                              |
| <br>                    |                     |                                      |
| Detroit Lakes           | 7,106               | 74,985                               |
| Duluth                  | 92,811              | 979,374                              |
| Eagan                   | 30,456              | 321,382                              |
| <br>                    |                     |                                      |
| East Bethel             | 6,626               | 69,920                               |
| East Grand Forks        | 8,537               | 90,085                               |
| Eden Prairie            | 24,052              | 253,805                              |

| Municipalities<br>----- | Population<br>----- | Population<br>Apportionment<br>----- |
|-------------------------|---------------------|--------------------------------------|
| Edina                   | 46,073              | 486,178                              |
| Elk River               | 6,785               | 71,598                               |
| Eveleth                 | 5,042               | 53,205                               |
| Fairmont                | 11,506              | 121,415                              |
| Falcon Heights          | 5,291               | 55,832                               |
| Faribault               | 16,241              | 171,381                              |
| Fergus Falls            | 12,579              | 132,738                              |
| Fridley                 | 30,228              | 318,976                              |
| Golden Valley           | 22,775              | 240,330                              |
| Grand Rapids            | 7,934               | 83,722                               |
| Ham Lake                | 7,832               | 82,646                               |
| Hastings                | 12,987              | 137,043                              |
| Hermantown              | 6,759               | 71,323                               |
| Hibbing                 | 21,193              | 223,636                              |
| Hopkins                 | 15,336              | 161,831                              |
| Hutchinson              | 9,335               | 98,506                               |
| International Falls     | 5,671               | 59,842                               |
| Inver Grove Heights     | 17,171              | 181,194                              |
| Lake Elmo               | 5,296               | 55,885                               |
| Lakeville               | 14,790              | 156,069                              |
| Lino Lakes              | 5,587               | 58,956                               |
| Litchfield              | 5,904               | 62,301                               |
| Little Canada           | 7,102               | 74,943                               |
| Little Falls            | 7,250               | 76,505                               |
| Mankato                 | 29,746              | 313,890                              |
| Maple Grove             | 28,676              | 302,599                              |
| Maplewood               | 26,990              | 284,808                              |
| Marshall                | 11,165              | 117,817                              |
| Mendota Heights         | 7,288               | 76,905                               |
| Minneapolis             | 370,951             | 3,914,403                            |
| Minnetonka              | 38,683              | 408,196                              |
| Montevideo              | 5,882               | 62,069                               |
| Moorhead                | 29,998              | 316,549                              |
| Morris                  | 5,385               | 56,824                               |
| Mound                   | 9,280               | 97,926                               |
| Mounds View             | 12,593              | 132,886                              |
| New Brighton            | 23,269              | 245,543                              |
| New Hope                | 23,087              | 243,622                              |
| New Ulm                 | 13,755              | 145,148                              |
| Northfield              | 12,562              | 132,559                              |
| North Mankato           | 9,817               | 103,592                              |
| North St. Paul          | 11,921              | 125,795                              |

| Municipalities    | Population | Population Apportionment |
|-------------------|------------|--------------------------|
| Oakdale           | 12,123     | 127,926                  |
| Orono             | 6,845      | 72,231                   |
| Owatonna          | 18,637     | 196,664                  |
| Plymouth          | 31,615     | 333,612                  |
| Prior Lake        | 7,284      | 76,863                   |
| Ramsey            | 10,093     | 106,505                  |
| Red Wing          | 13,736     | 144,947                  |
| Redwood Falls     | 5,210      | 54,978                   |
| Richfield         | 37,851     | 399,417                  |
| Robbinsdale       | 14,422     | 152,186                  |
| Rochester         | 57,967     | 611,688                  |
| Rosemount         | 5,083      | 53,638                   |
| Roseville         | 35,820     | 377,985                  |
| St. Anthony       | 7,981      | 84,218                   |
| St. Cloud         | 42,568     | 449,192                  |
| St. Louis Park    | 42,931     | 453,023                  |
| St. Paul          | 270,230    | 2,851,560                |
| St. Peter         | 9,056      | 95,562                   |
| Sauk Rapids       | 5,843      | 61,657                   |
| Savage            | 5,237      | 55,263                   |
| Shakopee          | 9,941      | 104,901                  |
| Shoreview         | 17,300     | 182,556                  |
| South St. Paul    | 21,235     | 224,079                  |
| Spring Lake Park  | 6,477      | 68,348                   |
| Stillwater        | 12,328     | 130,089                  |
| Thief River Falls | 9,105      | 96,079                   |
| Vadnais Heights   | 5,111      | 53,933                   |
| Virginia          | 11,056     | 116,667                  |
| Waseca            | 8,219      | 86,730                   |
| West St. Paul     | 18,527     | 195,503                  |
| White Bear Lake   | 22,538     | 237,829                  |
| Willmar           | 15,895     | 167,730                  |
| Winona            | 25,069     | 264,537                  |
| Woodbury          | 14,726     | 155,394                  |
| Worthington       | 10,243     | 108,088                  |
| TOTAL             | 2,516,111  | \$26,550,872             |

Population Apportionment equals Total Population Apportionment divided by Total Population times the City Population.

\$26,550,872

-----

2,516,111

Equals

\$10.552345266 per person

1987 MUNICIPAL STATE AID STREET APPORTIONMENT DATA  
1987 Money Needs Apportionment

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Pursuant to Minnesota Statutes Chapter 162.13, Subdivision 1 (1) 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 money needs bears to the total money needs of all such cities."

| Municipalities   | Adjusted<br>25-Year<br>Const.<br>Needs | Money<br>Needs<br>Apport.<br>(- THTB Adj.) | +<br>Turnback<br>Adjustment | 1987<br>Money<br>Needs<br>Apport. | Dist.<br>% |
|------------------|--|--|-----------------------------|-----------------------------------|------------|
| Albert Lea       | \$3,102,916                            | \$151,962                                  | --                          | \$151,962                         | 0.5723%    |
| Alexandria       | 1,915,868                              | 93,827                                     | --                          | 93,827                            | 0.3534%    |
| Andover          | 4,231,603                              | 207,238                                    | --                          | 207,238                           | 0.7805%    |
| Anoka            | 2,321,651                              | 113,700                                    | --                          | 113,700                           | 0.4282%    |
| Apple Valley     | 4,261,054                              | 208,680                                    | --                          | 208,680                           | 0.7860%    |
| Arden Hills      | 1,201,015                              | 58,818                                     | --                          | 58,818                            | 0.2215%    |
| Austin           | 4,620,295                              | 226,274                                    | --                          | 226,274                           | 0.8522%    |
| Bemidji          | 2,188,935                              | 107,201                                    | \$1,080                     | 108,281                           | 0.4078%    |
| Blaine           | 3,956,445                              | 193,762                                    | --                          | 193,762                           | 0.7298%    |
| Bloomington      | 14,570,609                             | 713,579                                    | --                          | 713,579                           | 2.6876%    |
| Brainerd         | 3,379,042                              | 165,485                                    | --                          | 165,485                           | 0.6233%    |
| Brooklyn Center  | 4,735,869                              | 231,934                                    | --                          | 231,934                           | 0.8735%    |
| Brooklyn Park    | 5,575,990                              | 273,078                                    | --                          | 273,078                           | 1.0285%    |
| Burnsville       | 8,039,122                              | 393,707                                    | --                          | 393,707                           | 1.4828%    |
| Champlin         | 1,649,211                              | 80,768                                     | --                          | 80,768                            | 0.3042%    |
| Chanhassen       | 2,635,329                              | 129,062                                    | --                          | 129,062                           | 0.4861%    |
| Chaska           | 2,206,265                              | 108,049                                    | --                          | 108,049                           | 0.4070%    |
| Chisholm         | 1,292,043                              | 63,276                                     | --                          | 63,276                            | 0.2383%    |
| Cloquet          | 6,448,454                              | 315,806                                    | --                          | 315,806                           | 1.1894%    |
| Columbia Heights | 1,135,370                              | 55,603                                     | --                          | 55,603                            | 0.2094%    |
| Coon Rapids      | 3,784,530                              | 185,343                                    | --                          | 185,343                           | 0.6981%    |
| Cottage Grove    | 4,178,567                              | 204,640                                    | --                          | 204,640                           | 0.7707%    |
| Crookston        | 2,957,311                              | 144,831                                    | --                          | 144,831                           | 0.5455%    |
| Crystal          | 5,903,312                              | 289,108                                    | --                          | 289,108                           | 1.0889%    |
| Detroit Lakes    | 1,749,227                              | 85,666                                     | --                          | 85,666                            | 0.3226%    |
| Duluth           | 26,224,445                             | 1,284,312                                  | --                          | 1,284,312                         | 4.8372%    |
| Eagan            | 6,282,960                              | 307,701                                    | --                          | 307,701                           | 1.1589%    |
| East Bethel      | 2,712,763                              | 132,854                                    | --                          | 132,854                           | 0.5004%    |
| East Grand Forks | 2,278,911                              | 111,607                                    | --                          | 111,607                           | 0.4204%    |
| Eden Prairie     | 8,503,949                              | 416,471                                    | --                          | 416,471                           | 1.5686%    |
| Edina            | 6,121,653                              | 299,801                                    | --                          | 299,801                           | 1.1292%    |
| Elk River        | 5,024,640                              | 246,076                                    | --                          | 246,076                           | 0.9268%    |
| Eveleth          | 956,285                                | 46,833                                     | --                          | 46,833                            | 0.1764%    |

| Municipalities      | Adjusted<br>25-Year<br>Const.<br>Needs | Money<br>Needs<br>Apport.<br>(- THTB Adj.) | +<br>Turnback<br>Adjustment | 1987<br>Money<br>Needs<br>Apport. | Dist.<br>% |
|---------------------|--|--|-----------------------------|-----------------------------------|------------|
| Fairmont            | 2,514,168                              | 123,128                                    | --                          | 123,128                           | 0.4637%    |
| Falcon Heights      | 354,376                                | 17,355                                     | --                          | 17,355                            | 0.0654%    |
| Faribault           | 3,797,204                              | 185,964                                    | --                          | 185,964                           | 0.7004%    |
| Fergus Falls        | 1,944,120                              | 95,211                                     | --                          | 95,211                            | 0.3586%    |
| Fridley             | 2,638,948                              | 129,239                                    | --                          | 129,239                           | 0.4868%    |
| Golden Valley       | 5,835,783                              | 285,801                                    | --                          | 285,801                           | 1.0764%    |
| Grand Rapids        | 1,892,404                              | 92,678                                     | --                          | 92,678                            | 0.3491%    |
| Ham Lake            | 2,097,567                              | 102,726                                    | --                          | 102,726                           | 0.3869%    |
| Hastings            | 2,137,099                              | 104,662                                    | --                          | 104,662                           | 0.3942%    |
| Hermantown          | 3,476,366                              | 170,251                                    | --                          | 170,251                           | 0.6412%    |
| Hibbing             | 13,134,846                             | 643,264                                    | --                          | 643,264                           | 2.4228%    |
| Hopkins             | 1,075,771                              | 52,685                                     | --                          | 52,685                            | 0.1984%    |
| Hutchinson          | 2,220,714                              | 108,757                                    | --                          | 108,757                           | 0.4096%    |
| International Falls | 1,712,496                              | 83,867                                     | --                          | 83,867                            | 0.3159%    |
| Inver Grove Heights | 4,136,350                              | 202,573                                    | --                          | 202,573                           | 0.7630%    |
| Lake Elmo           | 1,907,544                              | 93,420                                     | --                          | 93,420                            | 0.3519%    |
| Lakeville           | 5,103,751                              | 249,950                                    | --                          | 249,950                           | 0.9414%    |
| Lino Lakes          | 3,429,284                              | 167,945                                    | --                          | 167,945                           | 0.6325%    |
| Litchfield          | 2,020,701                              | 98,961                                     | --                          | 98,961                            | 0.3727%    |
| Little Canada       | 1,013,371                              | 49,629                                     | --                          | 49,629                            | 0.1869%    |
| Little Falls        | 1,351,691                              | 66,197                                     | --                          | 66,197                            | 0.2493%    |
| Mankato             | 3,326,112                              | 162,892                                    | 4,170                       | 167,062                           | 0.6292%    |
| Maple Grove         | 12,028,496                             | 589,082                                    | --                          | 589,082                           | 2.2187%    |
| Maplewood           | 5,844,845                              | 286,244                                    | --                          | 286,244                           | 1.0781%    |
| Marshall            | 2,036,558                              | 99,738                                     | --                          | 99,738                            | 0.3756%    |
| Mendota Heights     | 2,339,483                              | 114,573                                    | --                          | 114,573                           | 0.4315%    |
| Minneapolis         | 82,518,480                             | 4,041,246                                  | --                          | 4,041,246                         | 15.2208%   |
| Minnetonka          | 6,821,858                              | 334,093                                    | --                          | 334,093                           | 1.2583%    |
| Montevideo          | 1,708,338                              | 83,664                                     | --                          | 83,664                            | 0.3151%    |
| Moorhead            | 7,251,200                              | 355,119                                    | --                          | 355,119                           | 1.3375%    |
| Morris              | 1,718,048                              | 84,139                                     | --                          | 84,139                            | 0.3169%    |
| Mound               | 1,540,138                              | 75,426                                     | --                          | 75,426                            | 0.2841%    |
| Mounds View         | 1,114,108                              | 54,562                                     | --                          | 54,562                            | 0.2055%    |
| New Brighton        | 1,570,606                              | 76,919                                     | --                          | 76,919                            | 0.2897%    |
| New Hope            | 1,193,890                              | 58,469                                     | --                          | 58,469                            | 0.2202%    |
| New Ulm             | 2,510,483                              | 122,948                                    | --                          | 122,948                           | 0.4631%    |
| Northfield          | 3,049,203                              | 149,331                                    | --                          | 149,331                           | 0.5624%    |
| North Mankato       | 1,622,657                              | 79,468                                     | 1,410                       | 80,878                            | 0.3046%    |
| North St. Paul      | 1,625,001                              | 79,583                                     | --                          | 79,583                            | 0.2997%    |



| Municipalities                                  | Adjusted<br>25-Year<br>Const.<br>Needs | Money<br>Needs<br>Apport.<br>(- THTB Adj.) | +<br>Turnback<br>Adjustment | 1987<br>Money<br>Needs<br>Apport. | Dist.<br>% |
|---|--|--|-----------------------------|-----------------------------------|------------|
| Oakdale   | 3,036,832                              | 148,725                                    | --                          | 148,725                           | 0.5602%    |
| Orono   | 2,156,247                              | 105,600                                    | --                          | 105,600                           | 0.3977%    |
| Owatonna  | 4,414,036                              | 216,172                                    | --                          | 216,172                           | 0.8142%    |
| Plymouth  | 7,385,034                              | 361,673                                    | --                          | 361,673                           | 1.3622%    |
| Prior Lake                                      | 2,797,461                              | 137,002                                    | --                          | 137,002                           | 0.5160%    |
| Ramsey  | 4,792,311                              | 234,698                                    | --                          | 234,698                           | 0.8840%    |
| Red Wing  | 6,295,384                              | 308,309                                    | --                          | 308,309                           | 1.1612%    |
| Redwood Falls                                   | 1,188,989                              | 58,229                                     | --                          | 58,229                            | 0.2193%    |
| Richfield                                       | 2,410,550                              | 118,054                                    | --                          | 118,054                           | 0.4446%    |
| Robbinsdale                                     | 653,457                                | 32,002                                     | --                          | 32,002                            | 0.1205%    |
| Rochester                                       | 11,102,166                             | 543,716                                    | --                          | 543,716                           | 2.0478%    |
| Rosemount                                       | 3,629,553                              | 177,753                                    | --                          | 177,753                           | 0.6695%    |
| Roseville                                       | 6,428,670                              | 314,837                                    | --                          | 314,837                           | 1.1858%    |
| St. Anthony                                     | 697,098                                | 34,140                                     | --                          | 34,140                            | 0.1286%    |
| St. Cloud                                       | 10,884,938                             | 533,077                                    | 1,725                       | 534,802                           | 2.0143%    |
| St. Louis Park                                  | 5,669,825                              | 277,673                                    | --                          | 277,673                           | 1.0458%    |
| St. Paul  | 65,845,539                             | 3,224,709                                  | --                          | 3,224,709                         | 12.1454%   |
| St. Peter                                       | 989,352                                | 48,452                                     | --                          | 48,452                            | 0.1825%    |
| Sauk Rapids                                     | 1,993,885                              | 97,648                                     | --                          | 97,648                            | 0.3678%    |
| Savage  | 3,008,439                              | 147,335                                    | --                          | 147,335                           | 0.5549%    |
| Shakopee  | 4,880,805                              | 239,032                                    | --                          | 239,032                           | 0.9003%    |
| Shoreview                                       | 1,552,207                              | 76,018                                     | --                          | 76,018                            | 0.2863%    |
| South St. Paul                                  | 2,418,168                              | 118,427                                    | --                          | 118,427                           | 0.4460%    |
| Spring Lake Park                                | 905,233                                | 44,333                                     | --                          | 44,333                            | 0.1670%    |
| Stillwater                                      | 2,491,492                              | 122,018                                    | --                          | 122,018                           | 0.4596%    |
| Thief River Falls                               | 1,911,640                              | 93,620                                     | --                          | 93,620                            | 0.3526%    |
| Vadnais Heights                                 | 813,108                                | 39,821                                     | --                          | 39,821                            | 0.1500%    |
| Virginia  | 1,928,761                              | 94,459                                     | --                          | 94,459                            | 0.3558%    |
| Waseca  | 950,401                                | 46,545                                     | --                          | 46,545                            | 0.1753%    |
| West St. Paul                                   | -0-                                    | 0  | --                          | 0                                 | 0.0000%    |
| White Bear Lake                                 | 5,338,611                              | 261,452                                    | --                          | 261,452                           | 0.9847%    |
| Willmar   | 2,142,236                              | 104,914                                    | --                          | 104,914                           | 0.3951%    |
| Winona  | 4,089,164                              | 200,262                                    | --                          | 200,262                           | 0.7543%    |
| Woodbury  | 5,731,780                              | 280,707                                    | --                          | 280,707                           | 1.0572%    |
| Worthington                                     | 1,679,768                              | 82,265                                     | --                          | 82,265                            | 0.3098%    |
| TOTAL   | \$541,972,837                          | \$26,542,488                               | \$8,385                     | \$26,550,873                      | 100.0000%  |
| Money Needs<br>Apportionment<br>(less THTB Adj) | \$26,542,488<br>-----<br>\$541,972,837 | equals                                     | 0.04897383                  | Adj. 25 Yr.<br>Constr.<br>Needs   |            |

\$1,000 in Adjusted Money Needs earns \$48.97383 in Money Needs Apportionment.

1987 MUNICIPAL STATE AID STREET APPORTIONMENT DATA

1987 M. S. A. S. Total Apportionment

| Municipalities   | Population Apportionment | Money Needs Apportionment | Total Apportionment | Distribution Percentage |
|------------------|--------------------------|---------------------------|---------------------|-------------------------|
| Albert Lea       | \$205,190                | \$151,962                 | 357,152             | 0.6726%                 |
| Alexandria       | 80,282                   | 93,827                    | 174,109             | 0.3279%                 |
| Andover          | 99,055                   | 207,238                   | 306,293             | 0.5768%                 |
| Anoka            | 164,975                  | 113,700                   | 278,675             | 0.5248%                 |
| Apple Valley     | 286,728                  | 208,680                   | 495,408             | 0.9329%                 |
| Arden Hills      | 84,545                   | 58,818                    | 143,363             | 0.2700%                 |
| Austin           | 243,538                  | 226,274                   | 469,812             | 0.8847%                 |
| Bemidji          | 115,495                  | 108,281                   | 223,776             | 0.4214%                 |
| Blaine           | 363,053                  | 193,762                   | 556,815             | 1.0486%                 |
| Bloomington      | 863,509                  | 713,579                   | 1,577,088           | 2.9699%                 |
| Brainerd         | 121,236                  | 165,485                   | 286,721             | 0.5399%                 |
| Brooklyn Center  | 329,550                  | 231,934                   | 561,484             | 1.0574%                 |
| Brooklyn Park    | 457,254                  | 273,078                   | 730,332             | 1.3753%                 |
| Burnsville       | 423,307                  | 393,707                   | 817,014             | 1.5386%                 |
| Champlin         | 95,034                   | 80,768                    | 175,802             | 0.3311%                 |
| Chanhassen       | 67,102                   | 129,062                   | 196,164             | 0.3694%                 |
| Chaska           | 88,070                   | 108,049                   | 196,119             | 0.3693%                 |
| Chisholm         | 62,575                   | 63,276                    | 125,851             | 0.2370%                 |
| Cloquet          | 117,574                  | 315,806                   | 433,380             | 0.8161%                 |
| Columbia Heights | 211,353                  | 55,603                    | 266,956             | 0.5027%                 |
| Coon Rapids      | 452,115                  | 185,343                   | 637,458             | 1.2004%                 |
| Cottage Grove    | 200,431                  | 204,640                   | 405,071             | 0.7628%                 |
| Crookston        | 91,046                   | 144,831                   | 235,877             | 0.4442%                 |
| Crystal          | 269,539                  | 289,108                   | 558,647             | 1.0520%                 |
| Detroit Lakes    | 74,985                   | 85,666                    | 160,651             | 0.3025%                 |
| Duluth           | 979,374                  | 1,284,312                 | 2,263,686           | 4.2629%                 |
| Eagan            | 321,382                  | 307,701                   | 629,083             | 1.1847%                 |
| East Bethel      | 69,920                   | 132,854                   | 202,774             | 0.3819%                 |
| East Grand Forks | 90,085                   | 111,607                   | 201,692             | 0.3798%                 |
| Eden Prairie     | 253,805                  | 416,471                   | 670,276             | 1.2622%                 |
| Edina            | 486,178                  | 299,801                   | 785,979             | 1.4801%                 |
| Elk River        | 71,598                   | 246,076                   | 317,674             | 0.5982%                 |
| Eveleth          | 53,205                   | 46,833                    | 100,038             | 0.1884%                 |

| Municipalities      | Population<br>Apportionment | Money Needs<br>Apportionment | Total<br>Apportionment | Distribution<br>Percentage |
|---------------------|-----------------------------|------------------------------|------------------------|----------------------------|
| Fairmont            | 121,415                     | 123,128                      | 244,543                | 0.4605%                    |
| Falcon Heights      | 55,832                      | 17,355                       | 73,187                 | 0.1378%                    |
| Faribault           | 171,381                     | 185,964                      | 357,345                | 0.6729%                    |
| Fergus Falls        | 132,738                     | 95,211                       | 227,949                | 0.4293%                    |
| Fridley             | 318,976                     | 129,239                      | 448,215                | 0.8441%                    |
| Golden Valley       | 240,330                     | 285,801                      | 526,131                | 0.9908%                    |
| Grand Rapids        | 83,722                      | 92,678                       | 176,400                | 0.3322%                    |
| Ham Lake            | 82,646                      | 102,726                      | 185,372                | 0.3491%                    |
| Hastings            | 137,043                     | 104,662                      | 241,705                | 0.4552%                    |
| Hermantown          | 71,323                      | 170,251                      | 241,574                | 0.4549%                    |
| Hibbing             | 223,636                     | 643,264                      | 866,900                | 1.6325%                    |
| Hopkins             | 161,831                     | 52,685                       | 214,516                | 0.4040%                    |
| Hutchinson          | 98,506                      | 108,757                      | 207,263                | 0.3903%                    |
| International Falls | 59,842                      | 83,867                       | 143,709                | 0.2706%                    |
| Inver Grove Heights | 181,194                     | 202,573                      | 383,767                | 0.7227%                    |
| Lake Elmo           | 55,885                      | 93,420                       | 149,305                | 0.2812%                    |
| Lakeville           | 156,069                     | 249,950                      | 406,019                | 0.7646%                    |
| Lino Lakes          | 58,956                      | 167,945                      | 226,901                | 0.4273%                    |
| Litchfield          | 62,301                      | 98,961                       | 161,262                | 0.3037%                    |
| Little Canada       | 74,943                      | 49,629                       | 124,572                | 0.2346%                    |
| Little Falls        | 76,505                      | 66,197                       | 142,702                | 0.2687%                    |
| Mankato             | 313,890                     | 167,062                      | 480,952                | 0.9057%                    |
| Maple Grove         | 302,599                     | 589,082                      | 891,681                | 1.6792%                    |
| Maplewood           | 284,808                     | 286,244                      | 571,052                | 1.0754%                    |
| Marshall            | 117,817                     | 99,738                       | 217,555                | 0.4097%                    |
| Mendota Heights     | 76,906                      | 114,573                      | 191,479                | 0.3606%                    |
| Minneapolis         | 3,914,403                   | 4,041,246                    | 7,955,649              | 14.9819%                   |
| Minnetonka          | 408,196                     | 334,093                      | 742,289                | 1.3979%                    |
| Montevideo          | 62,069                      | 83,664                       | 145,733                | 0.2744%                    |
| Moorhead            | 316,549                     | 355,119                      | 671,668                | 1.2649%                    |
| Morris              | 56,824                      | 84,139                       | 140,963                | 0.2655%                    |
| Mound               | 97,926                      | 75,426                       | 173,352                | 0.3265%                    |
| Mounds View         | 132,886                     | 54,562                       | 187,448                | 0.3530%                    |
| New Brighton        | 245,543                     | 76,919                       | 322,462                | 0.6073%                    |
| New Hope            | 243,622                     | 58,469                       | 302,091                | 0.5689%                    |
| New Ulm             | 145,148                     | 122,948                      | 268,096                | 0.5049%                    |
| Northfield          | 132,559                     | 149,331                      | 281,890                | 0.5308%                    |
| North Mankato       | 103,592                     | 80,878                       | 184,470                | 0.3474%                    |
| North St. Paul      | 125,795                     | 79,583                       | 205,378                | 0.3868%                    |

| Municipalities    | Population    | Money Needs   | Total         | Distribution |
|-------------------|---------------|---------------|---------------|--------------|
|                   | Apportionment | Apportionment | Apportionment | Percentage   |
| Dakdale           | 127,926       | 148,725       | 276,651       | 0.5210%      |
| Drono             | 72,231        | 105,600       | 177,831       | 0.3349%      |
| Owatonna          | 196,664       | 216,172       | 412,836       | 0.7774%      |
| Plymouth          | 333,612       | 361,673       | 695,285       | 1.3093%      |
| Prior Lake        | 76,863        | 137,002       | 213,865       | 0.4027%      |
| Ramsey            | 106,505       | 234,698       | 341,203       | 0.6425%      |
| Red Wing          | 144,947       | 308,309       | 453,256       | 0.8536%      |
| Redwood Falls     | 54,978        | 58,229        | 113,207       | 0.2132%      |
| Richfield         | 399,417       | 118,054       | 517,471       | 0.9745%      |
| Robbinsdale       | 152,186       | 32,002        | 184,188       | 0.3469%      |
| Rochester         | 611,688       | 543,716       | 1,155,404     | 2.1758%      |
| Rosemount         | 53,638        | 177,753       | 231,391       | 0.4358%      |
| Roseville         | 377,985       | 314,837       | 692,822       | 1.3047%      |
| St. Anthony       | 84,218        | 34,140        | 118,358       | 0.2229%      |
| St. Cloud         | 449,192       | 534,802       | 983,994       | 1.8530%      |
| St. Louis Park    | 453,023       | 277,673       | 730,696       | 1.3760%      |
| St. Paul          | 2,851,560     | 3,224,709     | 6,076,269     | 11.4427%     |
| St. Peter         | 95,562        | 48,452        | 144,014       | 0.2712%      |
| Sauk Rapids       | 61,657        | 97,648        | 159,305       | 0.3000%      |
| Savage            | 55,263        | 147,335       | 202,598       | 0.3815%      |
| Shakopee          | 104,901       | 239,032       | 343,933       | 0.6477%      |
| Shoreview         | 182,556       | 76,018        | 258,574       | 0.4869%      |
| South St. Paul    | 224,079       | 118,427       | 342,506       | 0.6450%      |
| Spring Lake Park  | 68,348        | 44,333        | 112,681       | 0.2122%      |
| Stillwater        | 130,089       | 122,018       | 252,107       | 0.4748%      |
| Thief River Falls | 96,079        | 93,620        | 189,699       | 0.3572%      |
| Vadnais Heights   | 53,933        | 39,821        | 93,754        | 0.1766%      |
| Virginia          | 116,667       | 94,459        | 211,126       | 0.3976%      |
| Waseca            | 86,730        | 46,545        | 133,275       | 0.2510%      |
| West St. Paul     | 195,503       | 0             | 195,503       | 0.3682%      |
| White Bear Lake   | 237,829       | 261,452       | 499,281       | 0.9402%      |
| Willmar           | 167,730       | 104,914       | 272,644       | 0.5134%      |
| Winona            | 264,537       | 200,262       | 464,799       | 0.8753%      |
| Woodbury          | 155,394       | 280,707       | 436,101       | 0.8213%      |
| Worthington       | 108,088       | 82,265        | 190,353       | 0.3585%      |
| TOTAL             | \$26,550,872  | \$26,550,873  | \$53,101,745  | 100.0000%    |

1987 MUNICIPAL STATE AID STREET APPORTIONMENT ALLOTMENTS

Construction and Maintenance Allotments

Upon determining that \$53,101,745 is available to the Municipal State Aid Street Fund, the following allotments are made in accordance with the Rules and Regulations for the State Aid Operation.

Twenty-five (25) percent of the total allocation, or \$1,500.00 per mile of improved Municipal State Aid Streets, whichever is the least, as the minimum allotment for the general maintenance of the approved State Aid System. Those municipalities desiring to receive an amount greater than the established minimum shall file a request not later than December 15th preceding the annual allocation and shall agree to file a detailed annual Maintenance Expenditure Report at the end of the year.

| Municipality     | Allotment | Improved<br>Mileage | Maintenance | Construction |
|------------------|-----------|---------------------|-------------|--------------|
| Albert Lea       | 357,152   | 17.19               | \$25,785    | 331,367      |
| Alexandria       | 174,109   | 10.93               | 16,395      | 157,714      |
| Andover          | 306,293   | 14.83               | 76,573 *    | 229,720      |
| Anoka            | 278,675   | 10.34               | 15,510      | 263,165      |
| Apple Valley     | 495,408   | 13.81               | 20,715      | 474,693      |
| Arden Hills      | 143,363   | 2.58                | 3,870       | 139,493      |
| Austin           | 469,812   | 21.97               | 32,955      | 436,857      |
| Bemidji          | 223,776   | 14.44               | 21,660      | 202,116      |
| Blaine           | 556,815   | 17.67               | 139,204 *   | 417,611      |
| Bloomington      | 1,577,088 | 70.39               | 400,000 **  | 1,177,088    |
| Brainerd         | 286,721   | 14.01               | 42,585 **   | 244,136      |
| Brooklyn Center  | 561,484   | 21.20               | 31,800      | 529,684      |
| Brooklyn Park    | 730,332   | 23.56               | 35,340      | 694,992      |
| Burnsville       | 817,014   | 34.62               | 51,930      | 765,084      |
| Champlin         | 175,802   | 8.43                | 12,645      | 163,157      |
| Chanassen        | 196,164   | 6.72                | 10,080      | 186,084      |
| Chaska           | 196,119   | 8.59                | 12,885      | 183,234      |
| Chisholm         | 125,851   | 6.93                | 10,395      | 115,456      |
| Cloquet          | 433,380   | 17.58               | 26,370      | 407,010      |
| Columbia Heights | 266,956   | 11.52               | 35,000 **   | 231,956      |
| Coon Rapids      | 637,458   | 27.19               | 40,785      | 596,673      |
| Cottage Grove    | 405,071   | 23.19               | 34,785      | 370,286      |
| Crookston        | 235,877   | 9.11                | 13,665      | 222,212      |
| Crystal          | 558,647   | 17.55               | 26,325      | 532,322      |
| Detroit Lakes    | 160,651   | 9.45                | 14,175      | 146,476      |
| Duluth           | 2,263,686 | 88.65               | 565,921 *   | 1,697,765    |
| Eagan            | 629,083   | 26.24               | 39,360      | 589,723      |

| Municipality        | Allotment | Improved<br>Mileage | Maintenance | Construction |
|---------------------|-----------|---------------------|-------------|--------------|
| East Bethel         | 202,774   | 18.11               | 27,165      | 175,609      |
| East Grand Forks    | 201,692   | 10.09               | 15,135      | 186,557      |
| Eden Prairie        | 670,276   | 21.33               | 31,995      | 638,281      |
| Edina               | 785,979   | 38.20               | 180,000 **  | 605,979      |
| Elk River           | 317,674   | 15.58               | 23,370      | 294,304      |
| Eveleth             | 100,038   | 5.98                | 8,970       | 91,068       |
| Fairmont            | 244,543   | 16.85               | 25,275      | 219,268      |
| Falcon Heights      | 73,187    | 2.54                | 18,297 *    | 54,890       |
| Faribault           | 357,345   | 17.96               | 26,940      | 330,405      |
| Fergus Falls        | 227,949   | 11.60               | 17,400      | 210,549      |
| Fridley             | 448,215   | 21.74               | 112,054 *   | 336,161      |
| Golden Valley       | 526,131   | 22.38               | 33,570      | 492,561      |
| Grand Rapids        | 176,400   | 9.83                | 14,745      | 161,655      |
| Ham Lake            | 185,372   | 16.39               | 24,585      | 160,787      |
| Hastings            | 241,705   | 12.20               | 18,300      | 223,405      |
| Hermantown          | 241,574   | 13.04               | 19,560      | 222,014      |
| Hibbing             | 866,900   | 45.99               | 216,725 *   | 650,175      |
| Hopkins             | 214,516   | 8.99                | 13,485      | 201,031      |
| Hutchinson          | 207,263   | 9.59                | 14,385      | 192,878      |
| International Falls | 143,709   | 4.81                | 7,215       | 136,494      |
| Inver Grove Heights | 383,767   | 14.89               | 22,335      | 361,432      |
| Lake Elmo           | 149,305   | 8.92                | 13,380      | 135,925      |
| Lakeville           | 406,019   | 19.16               | 28,740      | 377,279      |
| Lino Lakes          | 226,901   | 9.29                | 13,935      | 212,966      |
| Litchfield          | 161,262   | 7.83                | 11,745      | 149,517      |
| Little Canada       | 124,572   | 4.10                | 6,150       | 118,422      |
| Little Falls        | 142,702   | 13.84               | 20,760      | 121,942      |
| Mankato             | 480,952   | 22.71               | 34,065      | 446,887      |
| Maple Grove         | 891,681   | 24.19               | 160,000 **  | 731,681      |
| Maplewood           | 571,052   | 12.13               | 18,195      | 552,857      |
| Marshall            | 217,555   | 9.74                | 14,610      | 202,945      |
| Mendota Heights     | 191,479   | 9.57                | 14,355      | 177,124      |
| Minneapolis         | 7,955,649 | 186.52              | 279,780     | 7,675,869    |
| Minnetonka          | 742,289   | 36.54               | 54,810      | 687,479      |
| Montevideo          | 145,733   | 7.54                | 11,310      | 134,423      |
| Moorhead            | 671,668   | 22.98               | 34,470      | 637,198      |
| Morris              | 140,963   | 6.63                | 9,945       | 131,018      |
| Mound               | 173,352   | 6.66                | 25,000 **   | 148,352      |
| Mounds View         | 187,448   | 6.96                | 10,440      | 177,008      |
| New Brighton        | 322,462   | 10.52               | 15,780      | 306,682      |
| New Hope            | 302,091   | 12.58               | 75,523 *    | 226,568      |
| New Ulm             | 268,096   | 12.55               | 18,825      | 249,271      |

| Municipality<br>----- | Allotment<br>----- | Improved<br>Mileage<br>----- | Maintenance<br>----- | Construction<br>----- |
|-----------------------|--------------------|------------------------------|----------------------|-----------------------|
| Northfield            | 281,890            | 8.39                         | 46,200 **            | 235,690               |
| North Mankato         | 184,470            | 8.31                         | 12,465               | 172,005               |
| North St. Paul        | 205,378            | 6.34                         | 9,510                | 195,868               |
| Oakdale               | 276,651            | 10.47                        | 15,705               | 260,946               |
| Orono                 | 177,831            | 10.84                        | 44,458 *             | 133,373               |
| Owatonna              | 412,836            | 16.16                        | 24,240               | 388,596               |
| Plymouth              | 695,285            | 29.80                        | 44,700               | 650,585               |
| Prior Lake            | 213,865            | 5.85                         | 8,775                | 205,090               |
| Ramsey                | 341,203            | 12.13                        | 18,195               | 323,008               |
| Red Wing              | 453,256            | 16.80                        | 113,314 *            | 339,942               |
| Redwood Falls         | 113,207            | 4.32                         | 6,480                | 106,727               |
| Richfield             | 517,471            | 25.96                        | 129,368 *            | 388,103               |
| Robbinsdale           | 184,188            | 10.33                        | 15,495               | 168,693               |
| Rochester             | 1,155,404          | 36.31                        | 54,465               | 1,100,939             |
| Rosemount             | 231,391            | 6.27                         | 9,405                | 221,986               |
| Roseville             | 692,822            | 20.31                        | 30,465               | 662,357               |
| St. Anthony           | 118,358            | 5.21                         | 7,815                | 110,543               |
| St. Cloud             | 983,994            | 32.52                        | 271,310 **           | 712,684               |
| St. Louis Park        | 730,696            | 22.18                        | 33,270               | 697,426               |
| St. Paul              | 6,076,269          | 153.91                       | 1,519,067 *          | 4,557,202             |
| St. Peter             | 144,014            | 8.07                         | 12,105               | 131,909               |
| Sauk Rapids           | 159,305            | 7.39                         | 11,085               | 148,220               |
| Savage                | 202,598            | 5.78                         | 8,670                | 193,928               |
| Shakopee              | 343,933            | 10.60                        | 15,900               | 328,033               |
| Shoreview             | 258,574            | 6.33                         | 9,495                | 249,079               |
| South St. Paul        | 342,506            | 13.61                        | 85,626 *             | 256,880               |
| Spring Lake Park      | 112,681            | 4.21                         | 28,170 *             | 84,511                |
| Stillwater            | 252,107            | 11.28                        | 16,920               | 235,187               |
| Thief River Falls     | 189,699            | 10.65                        | 15,975               | 173,724               |
| Vadnais Heights       | 93,754             | 3.29                         | 4,935                | 88,819                |
| Virginia              | 211,126            | 11.59                        | 17,385               | 193,741               |
| Waseca                | 133,275            | 6.04                         | 9,060                | 124,215               |
| West St. Paul         | 195,503            | 11.62                        | 17,430               | 178,073               |
| White Bear Lake       | 499,281            | 16.57                        | 124,820 *            | 374,461               |
| Willmar               | 272,644            | 18.83                        | 28,245               | 244,399               |
| Winona                | 464,799            | 17.86                        | 26,790               | 438,009               |
| Woodbury              | 436,101            | 15.69                        | 23,535               | 412,566               |
| Worthington           | 190,353            | 9.78                         | 14,670               | 175,683               |
| TOTAL                 | \$53,101,745       | 1969.34                      | 6,385,555            | 46,716,190            |

\* 25% of allotment

\*\* lump sum as requested

1987 MUNICIPAL STATE AID STREET APPORTIONMENT DATA

Comparison of the 1986 to 1987 Apportionment

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Comparing the 1986 to the 1987 total apportionment we find that 8 municipalities increased and 99 decreased. The reason for variations in the annual allotments are explained in the "1986 Municipal State Aid Needs Report" published in October, 1986 and reviewed by the Municipal Screening Board at their Fall meeting.

| Municipality     | 1986 Total<br>Allotment | 1987 Total<br>Allotment | Increase<br>(Decrease) |      |
|------------------|-------------------------|-------------------------|------------------------|------|
|                  |                         |                         | Amount                 | %    |
| Albert Lea       | \$400,371               | 357,152                 | (\$43,219)             | -11% |
| Alexandria       | 193,395                 | 174,109                 | (19,286)               | -10% |
| Andover          | 309,742                 | 306,293                 | (3,449)                | -1%  |
| Anoka            | 313,395                 | 278,675                 | (34,720)               | -11% |
| Apple Valley     | 595,810                 | 495,408                 | (100,402)              | -17% |
| Arden Hills      | 155,961                 | 143,363                 | (12,598)               | -8%  |
| Austin           | 500,781                 | 469,812                 | (30,969)               | -6%  |
| Bemidji          | 317,039                 | 223,776                 | (93,263)               | -29% |
| Blaine           | 569,100                 | 556,815                 | (12,285)               | -2%  |
| Bloomington      | 1,738,408               | 1,577,088               | (161,320)              | -9%  |
| Brainerd         | 319,772                 | 286,721                 | (33,051)               | -10% |
| Brooklyn Center  | 651,301                 | 561,484                 | (89,817)               | -14% |
| Brooklyn Park    | 828,007                 | 730,332                 | (97,675)               | -12% |
| Burnsville       | 930,298                 | 817,014                 | (113,284)              | -12% |
| Champlin         | 211,151                 | 175,802                 | (35,349)               | -17% |
| Chanhausen       | 225,288                 | 196,164                 | (29,124)               | -13% |
| Chaska           | 219,164                 | 196,119                 | (23,045)               | -11% |
| Chisholm         | 146,970                 | 125,851                 | (21,119)               | -14% |
| Cloquet          | 463,347                 | 433,380                 | (29,967)               | -6%  |
| Columbia Heights | 316,509                 | 266,956                 | (49,553)               | -16% |
| Coon Rapids      | 642,898                 | 637,458                 | (5,440)                | -1%  |
| Cottage Grove    | 477,849                 | 405,071                 | (72,778)               | -15% |
| Crookston        | 268,886                 | 235,877                 | (33,009)               | -12% |
| Crystal          | 565,352                 | 558,647                 | (6,705)                | -1%  |
| Detroit Lakes    | 148,797                 | 160,651                 | 11,854                 | 8%   |
| Duluth           | 2,389,592               | 2,263,686               | (125,906)              | -5%  |
| Eagan            | 731,165                 | 629,083                 | (102,082)              | -14% |
| East Bethel      | 229,957                 | 202,774                 | (27,183)               | -12% |
| East Grand Forks | 221,365                 | 201,692                 | (19,673)               | -9%  |
| Eden Prairie     | 789,725                 | 670,276                 | (119,449)              | -15% |
| Edina            | 943,656                 | 785,979                 | (157,677)              | -17% |
| Elk River        | 364,587                 | 317,674                 | (46,913)               | -13% |
| Eveleth          | 116,666                 | 100,038                 | (16,628)               | -14% |



| Municipality<br>----- | 1986 Total<br>Allotment<br>----- | 1987 Total<br>Allotment<br>----- | Increase<br>(Decrease) |            |
|-----------------------|----------------------------------|----------------------------------|------------------------|------------|
|                       |                                  |                                  | Amount<br>-----        | %<br>----- |
| Fairmont              | 272,944                          | 244,543                          | (28,401)               | -10%       |
| Falcon Heights        | 82,204                           | 73,187                           | (9,017)                | -11%       |
| Faribault             | 399,254                          | 357,345                          | (41,909)               | -10%       |
| Fergus Falls          | 263,621                          | 227,949                          | (35,672)               | -14%       |
| Fridley               | 529,820                          | 448,215                          | (81,605)               | -15%       |
| Golden Valley         | 612,068                          | 526,131                          | (85,937)               | -14%       |
| Grand Rapids          | 201,343                          | 176,400                          | (24,943)               | -12%       |
| Ham Lake              | 217,971                          | 185,372                          | (32,599)               | -15%       |
| Hastings              | 280,442                          | 241,705                          | (38,737)               | -14%       |
| Hermantown            | 276,383                          | 241,574                          | (34,809)               | -13%       |
| Hibbing               | 871,619                          | 866,900                          | (4,719)                | -1%        |
| Hopkins               | 198,566                          | 214,516                          | 15,950                 | 8%         |
| Hutchinson            | 221,464                          | 207,263                          | (14,201)               | -6%        |
| International Falls   | 169,645                          | 143,709                          | (25,936)               | -15%       |
| Inver Grove Heights   | 446,221                          | 383,767                          | (62,454)               | -14%       |
| Lake Elmo             | 169,643                          | 149,305                          | (20,338)               | -12%       |
| Lakeville             | 473,429                          | 406,019                          | (67,410)               | -14%       |
| Lino Lakes            | 280,962                          | 226,901                          | (54,061)               | -19%       |
| Litchfield            | 152,128                          | 161,262                          | 9,134                  | 6%         |
| Little Canada         | 154,570                          | 124,572                          | (29,998)               | -19%       |
| Little Falls          | 207,558                          | 142,702                          | (64,856)               | -31%       |
| Mankato               | 567,532                          | 480,952                          | (86,580)               | -15%       |
| Maple Grove           | 906,588                          | 891,681                          | (14,907)               | -2%        |
| Maplewood             | 688,321                          | 571,052                          | (117,269)              | -17%       |
| Marshall              | 252,598                          | 217,555                          | (35,043)               | -14%       |
| Mendota Heights       | 200,440                          | 191,479                          | (8,961)                | -4%        |
| Minneapolis           | 9,003,522                        | 7,955,649                        | (1,047,873)            | -12%       |
| Minnetonka            | 980,960                          | 742,289                          | (238,671)              | -24%       |
| Montevideo            | 163,789                          | 145,733                          | (18,056)               | -11%       |
| Moorhead              | 745,111                          | 671,668                          | (73,443)               | -10%       |
| Morris                | 144,265                          | 140,963                          | (3,302)                | -2%        |
| Mound                 | 184,399                          | 173,352                          | (11,047)               | -6%        |
| Mounds View           | 203,517                          | 187,448                          | (16,069)               | -8%        |
| New Brighton          | 363,775                          | 322,462                          | (41,313)               | -11%       |
| New Hope              | 338,144                          | 302,091                          | (36,053)               | -11%       |
| New Ulm               | 311,067                          | 268,096                          | (42,971)               | -14%       |
| Northfield            | 315,173                          | 281,890                          | (33,283)               | -11%       |
| North Mankato         | 192,914                          | 184,470                          | (8,444)                | -4%        |
| North St. Paul        | 244,970                          | 205,378                          | (39,592)               | -16%       |
| Oakdale               | 246,603                          | 276,651                          | 30,048                 | 12%        |
| Orono                 | 186,811                          | 177,831                          | (8,980)                | -5%        |
| Owatonna              | 473,025                          | 412,836                          | (60,189)               | -13%       |

| Municipality      | 1986 Total<br>Allotment | 1987 Total<br>Allotment | Increase<br>(Decrease)<br>Amount | %    |
|-------------------|-------------------------|-------------------------|----------------------------------|------|
| -----             | -----                   | -----                   | -----                            | ---  |
| Plymouth          | 754,993                 | 695,285                 | (59,708)                         | -8%  |
| Prior Lake        | 239,676                 | 213,865                 | (25,811)                         | -11% |
| Ramsey            | 385,471                 | 341,203                 | (44,268)                         | -11% |
| Red Wing          | 475,009                 | 453,256                 | (21,753)                         | -5%  |
| Redwood Falls     | 135,980                 | 113,207                 | (22,773)                         | -17% |
| Richfield         | 599,689                 | 517,471                 | (82,218)                         | -14% |
| Robbinsdale       | 213,980                 | 184,188                 | (29,792)                         | -14% |
| Rochester         | 1,055,272               | 1,155,404               | 100,132                          | 9%   |
| Rosemount         | 268,573                 | 231,391                 | (37,182)                         | -14% |
| Roseville         | 629,369                 | 692,822                 | 63,453                           | 10%  |
| St. Anthony       | 127,283                 | 118,358                 | (8,925)                          | -7%  |
| St. Cloud         | 1,071,059               | 983,994                 | (87,065)                         | -8%  |
| St. Louis Park    | 873,662                 | 730,696                 | (142,966)                        | -16% |
| St. Paul          | 6,948,683               | 6,076,269               | (872,414)                        | -13% |
| St. Peter         | 151,974                 | 144,014                 | (7,960)                          | -5%  |
| Sauk Rapids       | 167,791                 | 159,305                 | (8,486)                          | -5%  |
| Savage            | 225,364                 | 202,598                 | (22,766)                         | -10% |
| Shakopee          | 243,066                 | 343,933                 | 100,867                          | 41%  |
| Shoreview         | 302,774                 | 258,574                 | (44,200)                         | -15% |
| South St. Paul    | 358,717                 | 342,506                 | (16,211)                         | -5%  |
| Spring Lake Park  | 115,461                 | 112,681                 | (2,780)                          | -2%  |
| Stillwater        | 300,563                 | 252,107                 | (48,456)                         | -16% |
| Thief River Falls | 225,401                 | 189,699                 | (35,702)                         | -16% |
| Vadnais Heights   | 105,913                 | 93,754                  | (12,159)                         | -11% |
| Virginia          | 250,080                 | 211,126                 | (38,954)                         | -16% |
| Waseca            | 158,411                 | 133,275                 | (25,136)                         | -16% |
| West St. Paul     | 235,899                 | 195,503                 | (40,396)                         | -17% |
| White Bear Lake   | 524,091                 | 499,281                 | (24,810)                         | -5%  |
| Willmar           | 303,833                 | 272,644                 | (31,189)                         | -10% |
| Winona            | 527,187                 | 464,799                 | (62,388)                         | -12% |
| Woodbury          | 421,698                 | 436,101                 | 14,403                           | 3%   |
| Worthington       | 209,214                 | 190,353                 | (18,861)                         | -9%  |
| TOTAL             | \$59,097,819            | \$53,101,745            | (\$5,996,074)                    |      |

1987 MUNICIPAL STATE AID STREET APPORTIONMENT DATA

30 Years of Municipal Apportionments

The following summary shows the growth of the Municipal State Aid Street mileage, apportionment and the number of participating cities since the initial apportionment in 1958.

| Year | Number of Municipalities | Mileage  | Apportionment | Accumulative Apportionment |
|------|--------------------------|----------|---------------|----------------------------|
| 1958 | 58                       | 920.40   | \$7,286,074   | \$7,286,074                |
| 1959 | 59                       | 938.36   | 8,108,428     | 15,394,502                 |
| 1960 | 59                       | 968.82   | 8,370,596     | 23,765,098                 |
| 1961 | 77                       | 1,131.78 | 9,185,862     | 32,950,960                 |
| 1962 | 77                       | 1,140.83 | 9,037,698     | 41,988,658                 |
| 1963 | 77                       | 1,161.06 | 9,451,125     | 51,439,783                 |
| 1964 | 77                       | 1,177.11 | 10,967,128    | 62,406,911                 |
| 1965 | 77                       | 1,208.81 | 11,370,240    | 73,777,151                 |
| 1966 | 80                       | 1,271.87 | 11,662,274    | 85,439,425                 |
| 1967 | 80                       | 1,309.93 | 12,442,900    | 97,882,325                 |
| 1968 | 84                       | 1,372.36 | 14,287,775    | 112,170,100                |
| 1969 | 86                       | 1,406.36 | 15,121,277    | 127,291,377                |
| 1970 | 86                       | 1,427.59 | 16,490,064    | 143,781,441                |
| 1971 | 90                       | 1,450.67 | 18,090,833    | 161,872,274                |
| 1972 | 92                       | 1,497.34 | 18,338,440    | 180,210,714                |
| 1973 | 94                       | 1,557.31 | 18,648,610    | 198,859,324                |
| 1974 | 95                       | 1,574.79 | 21,728,373    | 220,587,697                |
| 1975 | 99                       | 1,682.43 | 22,841,302    | 243,428,999                |
| 1976 | 101                      | 1,696.56 | 22,793,386    | 266,222,385                |
| 1977 | 101                      | 1,748.55 | 27,595,966    | 293,818,351                |
| 1978 | 104                      | 1,768.90 | 27,865,892    | 321,684,243                |
| 1979 | 106                      | 1,853.71 | 30,846,555    | 352,530,798                |
| 1980 | 106                      | 1,889.03 | 34,012,618    | 386,543,416                |
| 1981 | 106                      | 1,913.57 | 35,567,962    | 422,111,378                |
| 1982 | 109                      | 1,995.74 | 42,032,978    | 464,144,356                |
| 1983 | 110                      | 2,041.94 | 46,306,272    | 510,450,628                |
| 1984 | 110                      | 2,076.09 | 48,735,190    | 559,185,818                |
| 1985 | 111                      | 2,130.04 | 56,875,174    | 616,060,992                |
| 1986 | 107                      | 2,121.49 | 59,097,819    | 675,158,811                |
| 1987 | 107                      | 2,119.86 | 53,101,745    | 728,260,556                |

30 Years of Municipal Apportionments

From 1958 through December 31, 1986, over \$438 million in municipal construction has been accomplished with State Aid funds. During calendar year 1986, \$31 million of State Aid funds were spent. A summary of the specific type of projects and dollars spent are as follows:

|              | 1958-1986<br>Amount | 1986<br>Amount |
|--------------|---------------------|----------------|
| Grading      | \$ 90,282,864       | \$ 3,589,970   |
| Base         | 48,217,834          | 2,701,050      |
| Surface      | 114,179,647         | 7,256,238      |
| Bridges      | 38,426,237          | 3,743,077      |
| Signals      | 10,429,503          | 516,155        |
| Sewer        | 48,046,148          | 4,515,875      |
| Micellaneous | 89,162,517          | 9,594,171      |
| TOTAL        | \$438,744,750       | \$ 31,916,536  |

1987 MUNICIPAL STATE AID APPORTIONMENT DATA

Determination of the 1987 Construction Needs

| Municipality     | 1986 Actual<br>25-Year<br>Const.<br>Needs | (+ or -)<br>Screening<br>Board<br>Adjustment | +<br>Storm<br>Sewer<br>Adjustment | Unencumbered<br>Const.<br>Fund<br>Deduction | -<br>Expend.<br>Off State<br>Aid System | (+ or -)<br>Bond<br>Account<br>Adjustment | +<br>Non-<br>Existing<br>Bridge<br>Adjustment | +<br>R/W<br>Acquisition<br>Adjustment | +<br>Recon-<br>struction<br>Adjustment | Adjusted<br>25-Year<br>Const.<br>Needs |
|------------------|---|--|-----------------------------------|---|---|---|---|---------------------------------------|--|--|
| Albert Lea       | \$3,606,397                               |  | --                                | \$629,596                                   | \$119,205                               | --  | \$245,320                                     | --                                    | --                                     | \$3,102,916                            |
| Alexandria       | 1,930,430                                 |  | \$41,257                          | 85,819                                      | --                                      | \$30,000                                  | --  | --                                    | --                                     | 1,915,868                              |
| Andover          | 4,001,267                                 |  | --                                | --  | 113,955                                 | 344,291                                   | --  | --                                    | --                                     | 4,231,603                              |
| Anoka            | 2,463,721                                 |  | 27,674                            | --  | 198,718                                 | --  | --  | \$28,974                              | --                                     | 2,321,651                              |
| Apple Valley     | 3,679,029                                 |  | 63,491                            | 376,466                                     | --                                      | 895,000                                   | --  | --                                    | --                                     | 4,261,054                              |
| Arden Hills      | 1,281,998                                 |  | --                                | --  | 80,983                                  | --  | --  | --                                    | --                                     | 1,201,015                              |
| Austin           | 5,503,315                                 |  | --                                | 251,497                                     | 699,066                                 | --  | --  | --                                    | \$67,543                               | 4,620,295                              |
| Bemidji          | 2,516,271                                 |  | 70,649                            | 397,985                                     | --                                      | --  | --  | --                                    | --                                     | 2,188,935                              |
| Blaine           | 5,373,140                                 |  | 25,063                            | 1,208,099                                   | 233,659                                 | --  | --  | --                                    | --                                     | 3,956,445                              |
| Bloomington      | 14,806,159                                |  | 110,809                           | 410,301                                     | 2,024,237                               | --  | 1,255,688                                     | 832,491                               | --                                     | 14,570,609                             |
| Brainerd         | 2,308,954                                 |  | 64,746                            | --  | 40,806                                  | 285,000                                   | 576,113                                       | --                                    | 185,035                                | 3,379,042                              |
| Brooklyn Center  | 5,157,916                                 |  | --                                | 940,863                                     | 38,893                                  | 360,000                                   | 197,709                                       | --                                    | --                                     | 4,735,869                              |
| Brooklyn Park    | 5,497,921                                 |  | 86,343                            | --  | 8,274                                   | --  | --  | --                                    | --                                     | 5,575,990                              |
| Burnsville       | 6,658,462                                 |  | 739,962                           | --  | 13,763                                  | --  | 349,684                                       | 304,777                               | --                                     | 8,039,122                              |
| Champlin         | 1,719,141                                 |  | --                                | 69,930                                      | --                                      | --  | --  | --                                    | --                                     | 1,649,211                              |
| Chanassen        | 3,227,512                                 |  | --                                | 592,183                                     | --                                      | --  | --  | --                                    | --                                     | 2,635,329                              |
| Chaska           | 2,557,795                                 |  | 31,784                            | 280,377                                     | 131,737                                 | --  | 28,800  | --                                    | --                                     | 2,206,265                              |
| Chisholm         | 1,461,582                                 |  | --                                | 137,396                                     | 32,143                                  | --  | --  | --                                    | --                                     | 1,292,043                              |
| Cloquet          | 6,084,031                                 |  | 220,884                           | --  | --                                      | 70,000                                    | --  | 73,539                                | --                                     | 6,448,454                              |
| Columbia Heights | 1,593,665                                 |  | --                                | 428,295                                     | 30,000                                  | --  | --  | --                                    | --                                     | 1,135,370                              |
| Coon Rapids      | 3,807,087                                 |  | 448,966                           | --  | 471,523                                 | --  | --  | --                                    | --                                     | 3,784,530                              |
| Cottage Grove    | 4,464,520                                 |  | --                                | 305,431                                     | --                                      | 19,478                                    | --  | --                                    | --                                     | 4,178,567                              |
| Crookston        | 2,912,875                                 |  | --                                | 104,738                                     | --                                      | --  | --  | 149,174                               | --                                     | 2,957,311                              |
| Crystal          | 4,266,326                                 |  | 304,624                           | 178,326                                     | 182,488                                 | --  | --  | 1,693,176                             | --                                     | 5,903,312                              |
| Detroit Lakes    | 1,776,544                                 |  | --                                | 27,317                                      | --                                      | --  | --  | --                                    | --                                     | 1,749,227                              |
| Duluth           | 24,824,936                                |  | 239,391                           | 1,140,792                                   | 228,540                                 | 1,300,000                                 | --  | 175,250                               | 1,054,200                              | 26,224,445                             |
| Eagan            | 6,017,277                                 |  | --                                | --  | 6,235                                   | --  | --  | 271,918                               | --                                     | 6,282,960                              |
| East Bethel      | 2,698,763                                 |  | --                                | --  | --                                      | --  | --  | 14,000                                | --                                     | 2,712,763                              |
| East Grand Forks | 1,981,515                                 |  | 181,820                           | 34,424                                      | --                                      | 150,000                                   | --  | --                                    | --                                     | 2,278,911                              |
| Eden Prairie     | 6,950,396                                 |  | --                                | 113,216                                     | 328,143                                 | 1,020,613                                 | 974,299                                       | --                                    | --                                     | 8,503,949                              |
| Edina            | 7,706,583                                 |  | --                                | 787,260                                     | 797,670                                 | --  | --  | --                                    | --                                     | 6,121,653                              |
| Elk River        | 5,192,709                                 |  | 26,925                            | 194,994                                     | --                                      | --  | --  | --                                    | --                                     | 5,024,640                              |
| Eveleth          | 957,197                                   |  | --                                | 912   | --                                      | --  | --  | --                                    | --                                     | 956,285                                |



| Municipality      | 1986 Actual<br>25-Year<br>Const.<br>Needs | (+ or -)<br>Screening<br>Board<br>Adjustments | +<br>Storm<br>Sewer<br>Adjustment | Unencumbered<br>Const.<br>Fund<br>Deduction | -<br>Expend.<br>Off State<br>Aid System | (+ or -)<br>Bond<br>Account<br>Adjustment | +<br>Non-<br>Existing<br>Bridge<br>Adjustment | +<br>R/W<br>Acquisition<br>Adjustment | +<br>Recon-<br>struction<br>Adjustment | Adjusted<br>25-Year<br>Const.<br>Needs |
|-------------------|---|---|-----------------------------------|---|---|---|---|---------------------------------------|--|--|
| Oakdale           | 2,903,868                                 |   | 132,964                           | --  | --                                      | --  | --  | --                                    | 3,036,832                              |  |
| Orono             | 2,218,361                                 |   | --                                | 78,345                                      | 28,516                                  | 44,747                                    | --  | --                                    | 2,156,247                              |  |
| Dwatonna          | 4,666,040                                 |   | --                                | --  | 365,642                                 | --  | --  | 113,638                               | 4,414,036                              |  |
| Plymouth          | 7,741,154                                 |   | --                                | --  | 381,328                                 | --  | --  | 25,208                                | 7,385,034                              |  |
| Prior Lake        | 2,891,482                                 |   | 161,177                           | 255,198                                     | --                                      | --  | --  | --                                    | 2,797,461                              |  |
| Ramsey            | 4,715,185                                 |   | 96,375                            | 109,160                                     | --                                      | --  | --  | 89,911                                | 4,792,311                              |  |
| Red Wing          | 4,543,943                                 |   | 54,790                            | --  | --                                      | 475,000                                   | 1,145,475                                     | 76,176                                | 6,295,384                              |  |
| Redwood Falls     | 1,365,206                                 |   | --                                | 76,217                                      | --                                      | (100,000)                                 | --  | --                                    | 1,188,989                              |  |
| Richfield         | 2,101,752                                 |   | --                                | 808,483                                     | 35,576                                  | --  | --  | 1,152,857                             | 2,410,550                              |  |
| Robbinsdale       | 1,124,811                                 |   | --                                | 278,778                                     | 192,576                                 | --  | --  | --                                    | 653,457                                |  |
| Rochester         | 10,946,184                                |   | 171,884                           | 535,817                                     | 43,384                                  | --  | 84,378  | 478,921                               | 11,102,166                             |  |
| Rosemount         | 4,030,906                                 |   | 85,452                            | 486,805                                     | --                                      | --  | --  | --                                    | 3,629,553                              |  |
| Roseville         | 4,220,455                                 |   | 164,004                           | 770,503                                     | --                                      | --  | 2,814,714                                     | --                                    | 6,428,670                              |  |
| St. Anthony       | 993,470                                   |   | --                                | 99,764                                      | 196,608                                 | --  | --  | --                                    | 697,098                                |  |
| St. Cloud         | 8,826,142                                 |   | 67,349                            | 175,346                                     | 326,828                                 | 1,715,388                                 | --  | 778,233                               | 10,884,938                             |  |
| St. Louis Park    | 5,538,755                                 |   | --                                | 239,368                                     | 1,457,652                               | --  | 1,492,570                                     | 335,520                               | 5,669,825                              |  |
| St. Paul          | 61,972,488                                | (453,533)                                     | 2,502,539                         | 1,191,810                                   | 3,060,428                               | 1,100,066                                 | 1,221,432                                     | 2,470,018                             | 65,845,539                             |  |
| St. Peter         | 1,031,393                                 |   | 88,645                            | 130,686                                     | --                                      | --  | --  | --                                    | 989,352                                |  |
| Sauk Rapids       | 2,188,382                                 |   | --                                | 85,638                                      | 118,693                                 | --  | --  | 9,834                                 | 1,993,885                              |  |
| Savage            | 3,094,094                                 |   | --                                | 85,655                                      | --                                      | --  | --  | --                                    | 3,008,439                              |  |
| Shakopee          | 5,321,098                                 |   | --                                | 431,201                                     | 9,092                                   | --  | --  | --                                    | 4,880,805                              |  |
| Shoreview         | 1,990,619                                 |   | 16,445                            | 334,125                                     | 120,732                                 | --  | --  | --                                    | 1,552,207                              |  |
| South St. Paul    | 2,706,865                                 |   | --                                | 181,364                                     | 107,333                                 | --  | --  | --                                    | 2,418,168                              |  |
| Spring Lake Park  | 923,763                                   |   | --                                | 67,105                                      | 7,532                                   | 56,107                                    | --  | --                                    | 905,233                                |  |
| Stillwater        | 3,104,649                                 |   | 84,848                            | 793,454                                     | 8,993                                   | --  | --  | 104,442                               | 2,491,492                              |  |
| Thief River Falls | 2,506,459                                 |   | --                                | 194,262                                     | 400,557                                 | --  | --  | --                                    | 1,911,640                              |  |
| Vadnais Heights   | 886,706                                   |   | --                                | 73,598                                      | --                                      | --  | --  | --                                    | 813,108                                |  |
| Virginia          | 1,666,034                                 |   | 33,107                            | --  | 35,380                                  | 265,000                                   | --  | --                                    | 1,928,761                              |  |
| Wassica           | 921,762                                   |   | 23,639                            | --  | --                                      | --  | --  | 5,000                                 | 950,401                                |  |
| West St. Paul     | 2,732,033                                 | (1,703,298)                                   | --                                | 851,649                                     | 190,000                                 | --  | --  | --                                    | -0-*                                   |  |
| White Bear Lake   | 5,328,506                                 |   | --                                | --  | 167,468                                 | --  | --  | 177,573                               | 5,338,611                              |  |
| Willmar           | 2,491,693                                 |   | 69,368                            | 177,638                                     | 263,687                                 | --  | --  | 22,500                                | 2,142,236                              |  |
| Winona            | 4,204,700                                 | (330,913)                                     | --                                | 125,573                                     | --                                      | --  | --  | 340,950                               | 4,089,164                              |  |
| Woodbury          | 6,223,133                                 |   | 14,224                            | 389,954                                     | 71,559                                  | (44,064)                                  | --  | --                                    | 5,731,780                              |  |
| Worthington       | 1,878,024                                 |   | 20,078                            | 214,063                                     | 31,113                                  | --  | --  | 26,842                                | 1,679,768                              |  |
| STATE TOTAL       | \$551,850,149                             | (\$3,155,382)                                 | \$8,896,951                       | \$33,390,720                                | \$24,289,081                            | \$9,908,001                               | \$13,909,558                                  | \$15,509,274                          | \$2,721,173                            | \$541,972,837                          |

\* \$12,914 negative money needs

**Reference**

**Material**

October 29, 1986

Richard P. Braun, Commissioner  
Minnesota Department of Transportation  
Room 411  
State Transportation Building  
St. Paul, Minnesota 55155

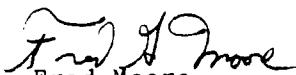
Dear Commissioner Braun:


We, the undersigned, as members of the 1986 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 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 1987 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.


Respectfully submitted,


  
Fred Moore  
Secretary

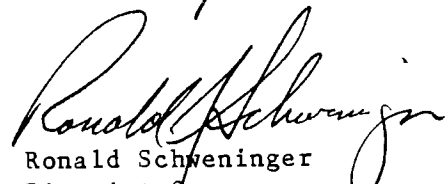
  
Larry Anderson  
Chairman

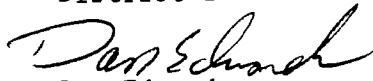
  
Kenneth Saffert  
Vice Chairman

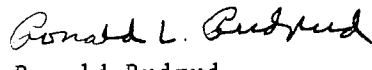
Approved:

  
Clyde Busby  
District 1

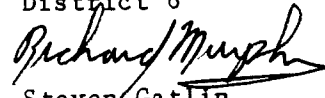
  
Gary Sanders  
District 2

  
Ronald Schweninger  
District 3

  
Dan Edwards  
District 4

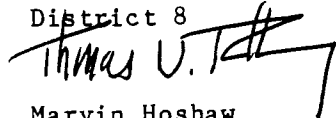
  
Ronald Rudrud  
District 5

Richard Murphy  
District 6

  
Steven Gatlin  
District 9

Martin Menk  
District 7

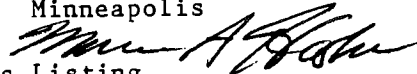
Thomas Rodeberg  
District 8

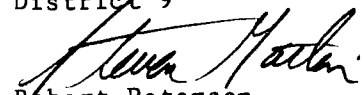


Robert Peterson  
St. Paul

John Carlson  
Duluth

Marvin Hoshaw  
Minneapolis



  
Robert Peterson  
St. Paul

  
Attachment: Money Needs Listing





1986 MUNICIPAL STATE AID NEEDS REPORT

1986 Money Needs Recommendations

| Municipality     | Money Needs | Municipality        | Money Needs |
|------------------|-------------|---------------------|-------------|
| Albert Lea       | \$3,606,397 | Fergus Falls        | 2,308,330   |
| Alexandria       | 1,930,430   | Fridley             | 3,897,667   |
| Andover          | 4,001,267   | Golden Valley       | 6,027,930   |
| Anoka            | 2,463,721   | Grand Rapids        | 1,528,514   |
| Apple Valley     | 3,679,029   | Ham Lake            | 1,997,567   |
| Arden Hills      | 1,281,998   | Hastings            | 1,967,598   |
| Austin           | 5,503,315   | Hermantown          | 3,949,053   |
| Bemidji          | 2,516,271   | Hibbing             | 12,571,979  |
| Blaine           | 5,373,140   | Hopkins             | 2,135,700   |
| Bloomington      | 14,806,159  | Hutchinson          | 1,729,064   |
| Brainerd         | 2,308,954   | International Falls | 1,922,594   |
| Brooklyn Center  | 5,157,916   | Inver Grove Heights | 4,066,938   |
| Brooklyn Park    | 5,497,921   | Lake Elmo           | 2,114,514   |
| Burnsville       | 6,658,462   | Lakeville           | 6,186,169   |
| Champlin         | 1,719,141   | Lino Lakes          | 3,973,268   |
| Chanhassen       | 3,227,512   | Litchfield          | 1,857,415   |
| Chaska           | 2,557,795   | Little Canada       | 1,001,090   |
| Chisholm         | 1,461,582   | Little Falls        | 2,355,705   |
| Cloquet          | 6,084,031   | Mankato             | 4,773,678   |
| Columbia Heights | 1,593,665   | Maple Grove         | 11,265,353  |
| Coon Rapids      | 3,807,087   | Maplewood           | 6,240,658   |
| Cottage Grove    | 4,464,520   | Marshall            | 1,928,248   |
| Crookston        | 2,912,875   | Mendota Heights     | 2,172,497   |
| Crystal          | 4,266,326   | Minneapolis         | 82,460,347  |
| Detroit Lakes    | 1,776,544   | Minnetonka          | 11,290,921  |
| Duluth           | 24,824,936  | Montevideo          | 1,719,800   |
| Eagan            | 6,017,277   | Moorhead            | 7,722,257   |
| East Bethel      | 2,698,763   | Morris              | 2,128,170   |
| East Grand Forks | 1,981,515   | Mound               | 1,417,778   |
| Eden Prairie     | 6,950,396   | Mounds View         | 1,082,247   |
| Edina            | 7,706,583   | New Brighton        | 2,960,016   |
| Elk River        | 5,192,709   | New Hope            | 1,843,719   |
| Eveleth          | 957,197     | New Ulm             | 3,040,831   |
| Fairmont         | 2,689,517   | Northfield          | 3,407,006   |
| Falcon Heights   | 386,299     | North Mankato       | 1,156,529   |
| Faribault        | 3,627,417   | North St. Paul      | 1,960,217   |

| Municipality      | Money Needs   |
|-------------------|---------------|
| -----             | -----         |
| Oakdale           | 2,903,868     |
| Orono             | 2,218,361     |
| Owatonna          | 4,666,040     |
| Plymouth          | 7,741,154     |
| Prior Lake        | 2,891,482     |
| Ramsey            | 4,715,185     |
| Red Wing          | 4,543,943     |
| Redwood Falls     | 1,365,206     |
| Richfield         | 2,101,752     |
| Robbinsdale       | 1,124,811     |
| Rochester         | 10,946,184    |
| Rosemount         | 4,030,906     |
| Roseville         | 4,220,455     |
| St. Anthony       | 993,470       |
| St. Cloud         | 8,826,142     |
| St. Louis Park    | 5,538,755     |
| St. Paul          | 61,972,488    |
| St. Peter         | 1,031,393     |
| Sauk Rapids       | 2,188,382     |
| Savage            | 3,094,094     |
| Shakopee          | 5,321,098     |
| Shoreview         | 1,990,619     |
| South St. Paul    | 2,706,865     |
| Spring Lake Park  | 923,763       |
| Stillwater        | 3,104,649     |
| Thief River Falls | 2,506,459     |
| Vadnais Heights   | 886,706       |
| Virginia          | 1,666,034     |
| Waseca            | 921,762       |
| West St. Paul     | 2,732,033     |
| White Bear Lake   | 5,328,506     |
| Willmar           | 2,491,693     |
| Winona            | 4,204,700     |
| Woodbury          | 6,223,133     |
| Worthington       | 1,878,024     |
| TOTAL             | \$551,850,149 |

1987 Municipal State Aid Street Apportionment Data

Screening Board Adjustments

- Duluth - Plus \$1,054,200 - Adjustment recommended by the Needs Subcommittee that an adjustment be granted for the reconstruction of the lift bridge based on 1984 unit price of \$50 per sq. ft. X 15 years.
- Yearly adjustment  $50 \times 21,084 = \$1,054,200$ . Total included in reconstruction amount.
- Little Falls Minus \$667,638 - Adjustment recommended by the unencumbered Construction Fund Subcommittee for a balance in excess of recommended amount in the construction account.
- $\$333,819 \times 2 = \$667,638$  one time adjustment.
- St. Paul - Minus \$453,533 - Adjustment made by the Screening Board for being granted a variance. Adjustment based on the needs cost of the base and surface times the difference between minimum standards and the granted variance times 15.
- |         |               |   |
|---------|---------------|---|
| Base    | \$ 58,079     |   |
| Surface | <u>50,769</u> | $\frac{10}{108,848} \times 15 = \$453,533$ one time adjustment. |
|         |               | $\frac{4}{36}$  |
- Winona - Minus \$330,913 - Adjustment made by the Screening Board for being granted a variance. The granted variance be based on the needs costs of the base and surface times the difference between minimum standards and the granted variance times 15.
- |         |  |  |
|---------|--|--|
| Base    | \$253,500  |  |
| Surface | <u>234,946</u>   |  |
|         | $\$488,446 \times \frac{.71}{1.31} \times \frac{4}{48} \times 15 = \$330,913$ one time adjustment. |  |
- West St. Paul Minus \$ 1,703,298 - Adjustment recommended by the Unencumbered Construction Fund Subcommittee for a balance in excess of recommended amount in the construction account.
- $\$851,649 \times 2 = \$1,703,298$  one time adjustment.

LISTING OF 1984-1985 STORM SEWER PROJECTS  
(For reference, see storm sewer resolution)

| <u>CITY</u>   | <u>PROJECT</u> | <u>AMOUNT</u> | <u>TOTAL STORM SEWER NEEDS</u> |
|---------------|----------------|---------------|--------------------------------|
| Alexandria    | 102-113-01     | 41,257        | 41,257                         |
| Anoka         | 103-129-01     | 24,816        |                                |
|               | 103-134-04     | 2,858         | 27,674                         |
| Apple Valley  | 186-102-04     | 38,657        |                                |
|               | 186-104-05     | 6,107         |                                |
|               | 186-105-01     | 18,727        | 63,491                         |
| Bemidji       | 105-103-03     | 2,003         |                                |
|               | 105-104-06     | 1,865         |                                |
|               | 105-105-05     | 2,609         |                                |
|               | 105-106-04     | 59,912        |                                |
|               | 105-121-01     | 4,260         | 70,649                         |
| Blaine        | 106-109-03     | 25,063        | 25,063                         |
| Bloomington   | 107-130-24     | 28,871        |                                |
|               | 107-131-19     | 14,583        |                                |
|               | 107-422-07     | 67,355        | 110,809                        |
| Brainerd      | 108-136-01     | 64,746        | 64,746                         |
| Brooklyn Park | 110-110-05     | 86,343        | 86,343                         |
| Burnsville    | 179-108-01     | 72,922        |                                |
|               | 179-108-04     | 112,058       |                                |
|               | 179-110-03     | 282,148       |                                |
|               | 179-113-08     | 35,846        |                                |
|               | 179-113-09     | 51,204        |                                |
|               | 179-113-11     | 85,970        |                                |
|               | 179-116-02     | 99,814        | 739,962                        |
| Chaska        | 196-110-01     | 31,784        | 31,784                         |
| Cloquet       | 112-103-05     | 23,159        |                                |
|               | 112-104-01     | 26,117        |                                |
|               | 112-110-01     | 5,884         |                                |
|               | 112-111-01     | 15,335        |                                |
|               | 112-112-03     | 4,507         |                                |
|               | 112-114-01     | 13,708        |                                |
|               | 112-124-01     | 44,366        |                                |
|               | 112-125-01     | 27,581        |                                |
|               | 112-136-01     | 34,020        |                                |
|               | 112-144-01     | 26,207        | 220,884                        |
| Coon Rapids   | 114-102        | 11,951        |                                |
|               | 114-104-08     | 71,056        |                                |
|               | 114-107-06     | 120,359       |                                |
|               | 114-114-03     | 109,029       |                                |
|               | 114-120        | 11,477        |                                |
|               | 114-121-04     | 54,458        |                                |
|               | 114-125-02     | 16,595        |                                |
|               | 114-129-01     | 54,041        | 448,966                        |

|                     |             |            |         |        |         |
|---------------------|-------------|------------|---------|--------|---------|
| Crystal             | 116-318-03  | 9,136      | 304,624 |        |         |
|                     | 116-514-30  | 295,488    |         |        |         |
| Duluth              | 118-105-03  | 228,650    | 239,391 |        |         |
|                     | 118-171-03  | 10,741     |         |        |         |
| East Grand Forks    | 119-102-04  | 181,820    | 181,820 |        |         |
| Elk River           | 204-113-01  | 256,925    | 26,925  |        |         |
| Faribault           | 125-118-02  | 3,262      | 12,810  |        |         |
|                     | 125-125-03  | 9,548      |         |        |         |
| Golden Valley       | 128-134-01  | 89,741     | 89,741  |        |         |
| Hastings            | 130-125-01  | 66,770     | 120,306 |        |         |
|                     | 130-130-01  | 53,536     |         |        |         |
| Hopkins             | 132-348-02  | 9,499      | 9,499   |        |         |
| Inver Grove Heights | 178-103-06  | 56,855     | 111,735 |        |         |
|                     | 178-103-08  | 54,880     |         |        |         |
| Lakeville           | 188-101-03  | 6,268      | 54,566  |        |         |
|                     | 188-110-04  | 48,298     |         |        |         |
| Litchfield          | 135-104-01  | 283,323    | 355,205 |        |         |
|                     | 135-116-01  | 71,882     |         |        |         |
| Mankato             | 137-119-02  | 70,413     | 70,413  |        |         |
| Maple Grove         | 189-102-03  | 21,604     | 333,186 |        |         |
|                     | 189-103-01  | 2,920      |         |        |         |
|                     | 189-103-02  | 9,209      |         |        |         |
|                     | 189-105-02  | 7,093      |         |        |         |
|                     | 189-105-03  | 142,099    |         |        |         |
|                     | 189-107-01  | 7,720      |         |        |         |
|                     | 189-107-06  | 19,400     |         |        |         |
|                     | 189-107-07  | 30,150     |         |        |         |
|                     | 189-109-01  | 1,414      |         |        |         |
|                     | 189-118-01  | 73,916     |         |        |         |
|                     | 189-118-04  | 14,499     |         |        |         |
|                     | 189-119-01  | 3,162      |         |        |         |
|                     | Minneapolis | 141-165-13 |         | 90,930 | 780,077 |
|                     |             | 141-205-04 |         | 96,300 |         |
| 141-242             |             | 535,171    |         |        |         |
| 141-252             |             | 14,542     |         |        |         |
| 141-328-05          |             | 43,134     |         |        |         |
| Minnetonka          | 142-128-03  | 9,499      | 9,499   |        |         |
| Moorhead            | 144-104-06  | 21,415     | 50,040  |        |         |
|                     | 144-106-03  | 28,625     |         |        |         |
| Mounds View         | 146-229-04  | 38,767     | 38,767  |        |         |
| New Hope            | 182-101-07  | 42,096     | 42,096  |        |         |
| New Ulm             | 148-121-05  | 191,074    | 191,074 |        |         |
| Northfield          | 149-101-01  | 57,120     | 85,679  |        |         |
|                     | 149-118-01  | 28,559     |         |        |         |

|               |              |            |               |
|---------------|--------------|------------|---------------|
| North Mankato | 150-253-01   | 70,982     | 70,982        |
| Oakdale       | 185-121-07   | 72,188     | 132,964       |
|               | 185-232-01   | 60,776     |               |
| Prior Lake    | 201-106-01   | 29,012     | 161,177       |
|               | 201-107-01   | 132,165    |               |
| Ramsey        | 199-105-01   | 39,858     | 96,375        |
|               | 199-105-02   | 21,820     |               |
|               | 199-110-01   | 34,697     |               |
| Red Wing      | 156-122-03   | 37,427     | 54,790        |
|               | 156-132-01   | 17,363     |               |
| Rochester     | 159-101-05   | 26,591     | 171,884       |
|               | 159-105-05   | 107,086    |               |
|               | 159-119-01   | 38,207     |               |
| Rosemount     | 208-102-01   | 6,839      | 85,452        |
|               | 208-103-02   | 78,613     |               |
| Roseville     | 160-219-08   | 134,926    | 164,004       |
|               | 160-225-02   | 29,078     |               |
| St. Cloud     | 162-110-11   | 15,080     | 67,349        |
|               | 162-117-09   | 14,669     |               |
|               | 162-123-09   | 7,944      |               |
|               | 162-128-09   | 29,656     |               |
| St. Paul      | 164-108 etc. | 357,790    | 2,502,539     |
|               | 164-109-16   | 85,616     |               |
|               | 164-121-12   | 26,877     |               |
|               | 164-125 etc. | 323,565    |               |
|               | 164-138      | 451,936    |               |
|               | 164-157      | 3,034      |               |
|               | 164-157-12   | 142,928    |               |
|               | 164-158-10   | 57,441     |               |
|               | 164-179-09   | 42,145     |               |
|               | 164-198-18   | 733,330    |               |
|               | 164-232 etc. | 66,640     |               |
|               | 164-253-01   | 64,157     |               |
|               | 164-259-01   | 147,080    |               |
|               | St. Peter    | 165-107-01 |               |
| 165-107-02    |              | 21,559     |               |
| 165-108-04    |              | 24,151     |               |
| Shoreview     | 167-258-02   | 16,445     | 16,445        |
| Stillwater    | 169-119-01   | 84,848     | 84,848        |
| Virginia      | 171-202-01   | 33,107     | 33,107        |
| Waseca        | 172-102      | 23,639     | 23,639        |
| Willmar       | 175-152-01   | 69,368     | 69,368        |
| Woodbury      | 192-101-02   | 14,224     | 14,224        |
| Worthington   | 177-111-01   | 20,078     | <u>20,078</u> |
| TOTAL         |              |            | \$ 8,896,951  |

1987 MUNICIPAL STATE AID STREET APPORTIONMENT DATA

UNENCUMBERED CONSTRUCTION FUND BALANCE

(Amount as of September 1, 1986)

| Municipality     | A<br>Amount<br>Available<br>9-1-86 | B<br>1986<br>Construction<br>Allotment | C<br>Construction<br>Fund<br>Balance | D<br>Column C<br>Column B |
|------------------|------------------------------------|--|--------------------------------------|---------------------------|
| Albert Lea       | \$1,004,182                        | \$374,586                              | \$629,596                            | 1.68                      |
| Alexandria       | 264,439                            | 178,620                                | 85,819                               | 0.48                      |
| Andover          | 276,633                            | 287,482                                | --                                   |                           |
| Anoka            | 195,739                            | 297,885                                | --                                   |                           |
| Apple Valley     | 952,431                            | 575,965                                | 376,466                              | 0.65                      |
| Arden Hills      | --                                 | 152,091                                | --                                   |                           |
| Austin           | 719,323                            | 467,826                                | 251,497                              | 0.54                      |
| Bemidji          | 693,379                            | 295,394                                | 397,985                              | 1.35                      |
| Blaine           | 1,751,189                          | 543,090                                | 1,208,099                            | 2.22                      |
| Bloomington      | 1,768,709                          | 1,358,408                              | 410,301                              | 0.30                      |
| Brainerd         | 7,365                              | 298,757                                | --                                   |                           |
| Brooklyn Center  | 1,560,364                          | 619,501                                | 940,863                              | 1.52                      |
| Brooklyn Park    | 617,360                            | 796,867                                | --                                   |                           |
| Burnsville       | 589,113                            | 882,988                                | --                                   |                           |
| Champlin         | 268,646                            | 198,716                                | 69,930                               | 0.35                      |
| Chanhassen       | 807,391                            | 215,208                                | 592,183                              | 2.75                      |
| Chaska           | 486,656                            | 206,279                                | 280,377                              | 1.36                      |
| Chisholm         | 273,971                            | 136,575                                | 137,396                              | 1.01                      |
| Cloquet          | 353,779                            | 437,007                                | --                                   |                           |
| Columbia Heights | 727,524                            | 299,229                                | 428,295                              | 1.43                      |
| Coon Rapids      | 45,161                             | 603,973                                | --                                   |                           |
| Cottage Grove    | 748,495                            | 443,064                                | 305,431                              | 0.69                      |
| Crookston        | 359,854                            | 255,116                                | 104,738                              | 0.41                      |
| Crystal          | 602,340                            | 424,014                                | 178,326                              | 0.42                      |
| Detroit Lakes    | 163,424                            | 136,107                                | 27,317                               | 0.20                      |
| Duluth           | 2,932,986                          | 1,792,194                              | 1,140,792                            | 0.64                      |
| Eagan            | 23,102                             | 693,860                                | --                                   |                           |
| East Bethel      | 18,687                             | 202,822                                | --                                   |                           |
| East Grand Forks | 240,669                            | 206,245                                | 34,424                               | 0.17                      |
| Eden Prairie     | 870,946                            | 757,730                                | 113,216                              | 0.15                      |
| Edina            | 1,673,616                          | 886,356                                | 787,260                              | 0.89                      |
| Elk River        | 537,441                            | 342,447                                | 194,994                              | 0.57                      |
| Eveleth          | 108,623                            | 107,711                                | 912                                  | 0.01                      |
| Fairmont         | 424,843                            | 247,669                                | 177,174                              | 0.72                      |
| Falcon Heights   | 130,818                            | 78,589                                 | 52,229                               | 0.66                      |
| Faribault        | 171,741                            | 372,284                                | --                                   |                           |

| Municipality        | A<br>-----<br>Amount<br>Available<br>9-1-86<br>----- | B<br>-----<br>1986<br>Construction<br>Allotment<br>----- | C<br>-----<br>Construction<br>Fund<br>Balance<br>----- | D<br>-----<br>Column C<br>-----<br>Column B<br>----- |
|---------------------|--|--|--|--|
| Fergus Falls        | 515,396  | 246,221  | 269,175  | 1.09   |
| Fridley             | 1,565,122  | 397,365  | 1,167,757  | 2.94   |
| Golden Valley       | 1,781,513  | 579,173  | 1,202,340  | 2.08   |
| Grand Rapids        | 426,566  | 186,598  | 239,968  | 1.29   |
| Ham Lake            | 173,312  | 193,311  | --   |  |
| Hastings            | --   | 262,142  | --   |  |
| Hermantown          | 729,510  | 256,823  | 472,687  | 1.84   |
| Hibbing             | 736,737  | 802,724  | --   |  |
| Hopkins             | 857,404  | 185,081  | 672,323  | 3.63   |
| Hutchinson          | 286,372  | 207,229  | 79,143   | 0.38   |
| International Falls | 372,528  | 162,430  | 210,098  | 1.29   |
| Inver Grove Heights | --   | 426,826  | --   |  |
| Lake Elmo           | 382,939  | 156,263  | 226,676  | 1.45   |
| Lakeville           | 460,466  | 444,734  | 15,732   | 0.04   |
| Lino Lakes          | 811,011  | 267,027  | 543,984  | 2.04   |
| Litchfield          | 208,428  | 141,013  | 67,415   | 0.48   |
| Little Canada       | 241,222  | 148,420  | 92,802   | 0.63   |
| Little Falls        | 489,487  | 155,668  | 333,819  | 2.14   |
| Mankato             | 833,320  | 537,682  | 295,638  | 0.55   |
| Maple Grove         | 726,450  | 766,588  | --   |  |
| Maplewood           | 1,967,125  | 666,346  | 1,300,779  | 1.95   |
| Marshall            | 213,221  | 190,418  | 22,803   | 0.12   |
| Mendota Heights     | 400,934  | 187,015  | 213,919  | 1.14   |
| Minneapolis         | 11,177,094   | 6,752,641  | 4,424,453  | 0.66   |
| Minnetonka          | 588,608  | 925,580  | --   |  |
| Montevideo          | 163,941  | 152,479  | 11,462   | 0.08   |
| Moorhead            | 1,253,776  | 711,166  | 542,610  | 0.76   |
| Morris              | 370,709  | 135,115  | 235,594  | 1.74   |
| Mound               | 41,342   | 159,399  | --   |  |
| Mounds View         | 99,160   | 152,638  | --   |  |
| New Brighton        | 967,929  | 272,831  | 695,098  | 2.55   |
| New Hope            | 844,221  | 319,274  | 524,947  | 1.64   |
| New Ulm             | 980,278  | 292,047  | 688,231  | 2.36   |
| Northfield          | 676,323  | 281,573  | 394,750  | 1.40   |
| North Mankato       | --   | 180,209  | --   |  |
| North St. Paul      | 514,798  | 235,460  | 279,338  | 1.19   |
| Oakdale             | 57,053   | 184,952  | --   |  |
| Orono               | 251,116  | 172,771  | 78,345   | 0.45   |
| Owatonna            | 282,194  | 448,800  | --   |  |



| Municipality      | A<br>Amount<br>Available<br>9-1-86 | B<br>1986<br>Construction<br>Allotment | C<br>Construction<br>Fund<br>Balance | D<br>Column C<br>Column B |
|-------------------|------------------------------------|--|--------------------------------------|---------------------------|
| Plymouth          | 161,554                            | 712,408                                | --                                   |                           |
| Prior Lake        | 486,204                            | 231,006                                | 255,198                              | 1.10                      |
| Ramsey            | 477,396                            | 368,236                                | 109,160                              | 0.30                      |
| Red Wing          | 30,643                             | 415,633                                | --                                   |                           |
| Redwood Falls     | 205,717                            | 129,500                                | 76,217                               | 0.59                      |
| Richfield         | 1,258,250                          | 449,767                                | 808,483                              | 1.80                      |
| Robbinsdale       | 477,263                            | 198,485                                | 278,778                              | 1.40                      |
| Rochester         | 1,543,359                          | 1,007,542                              | 535,817                              | 0.53                      |
| Rosemount         | 745,973                            | 259,168                                | 486,805                              | 1.88                      |
| Roseville         | 1,369,512                          | 599,009                                | 770,503                              | 1.29                      |
| St. Anthony       | 219,232                            | 119,468                                | 99,764                               | 0.84                      |
| St. Cloud         | 967,340                            | 791,994                                | 175,346                              | 0.22                      |
| St. Louis Park    | 1,063,030                          | 823,662                                | 239,368                              | 0.29                      |
| St. Paul          | 6,403,322                          | 5,211,512                              | 1,191,810                            | 0.23                      |
| St. Peter         | 271,665                            | 140,979                                | 130,686                              | 0.93                      |
| Sauk Rapids       | 242,854                            | 157,216                                | 85,638                               | 0.54                      |
| Savage            | 302,904                            | 217,249                                | 85,655                               | 0.39                      |
| Shakopee          | 658,772                            | 227,571                                | 431,201                              | 1.89                      |
| Shoreview         | 628,454                            | 294,329                                | 334,125                              | 1.14                      |
| South St. Paul    | 450,402                            | 269,038                                | 181,364                              | 0.67                      |
| Spring Lake Park  | 176,251                            | 109,146                                | 67,105                               | 0.61                      |
| Stillwater        | 1,077,097                          | 283,643                                | 793,454                              | 2.80                      |
| Thief River Falls | 404,348                            | 210,086                                | 194,262                              | 0.92                      |
| Vadnais Heights   | 174,576                            | 100,978                                | 73,598                               | 0.73                      |
| Virginia          | 204,322                            | 233,040                                | --                                   |                           |
| Waseca            | 145,725                            | 150,401                                | --                                   |                           |
| West St. Paul     | 1,070,118                          | 218,469                                | 851,649                              | 3.90                      |
| White Bear Lake   | --                                 | 393,068                                | --                                   |                           |
| Willmar           | 453,226                            | 275,588                                | 177,638                              | 0.64                      |
| Winona            | 626,720                            | 501,147                                | 125,573                              | 0.25                      |
| Woodbury          | 788,387                            | 398,433                                | 389,954                              | 0.98                      |
| Worthington       | 408,607                            | 194,544                                | 214,063                              | 1.10                      |
| TOTAL             | 78,311,767                         | 50,809,002                             | 33,390,720                           | 0.66                      |

AUTHORIZED MUNICIPAL STATE AID EXPENDITURES  
ON COUNTY STATE AID OR TRUNK HIGHWAY

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(For Reference, See Offsystem Resolution)

| MUNICIPALITY        | 1985<br>OFFSYSTEM<br>EXPENDITURES (+) | 1975 - 1984<br>EXPENDITURE<br>ADJUSTMENT= | 1987<br>APPORTION-<br>MENT<br>ADJUSTMENT | PERCENT<br>OF<br>BASIC<br>NEEDS |
|---------------------|---------------------------------------|---|--|---------------------------------|
| -----               |                                       |   |  |                                 |
| Albert Lea          | \$119,205                             | --  | \$119,205                                | 3.3%                            |
| Alexandria          | --                                    | --  | 0  | 0.0%                            |
| Andover             | --                                    | \$113,955                                 | 113,955                                  | 2.8%                            |
| Anoka               | --                                    | 198,718                                   | 198,718                                  | 8.1%                            |
| Apple Valley        | --                                    | --  | 0  | 0.0%                            |
| Arden Hills         | 43,675                                | 37,308                                    | 80,983                                   | 6.3%                            |
| Austin              | 329,378                               | 369,688                                   | 699,066                                  | 12.7%                           |
| Bemidji             | --                                    | --  | 0  | 0.0%                            |
| Blaine              | --                                    | 233,659                                   | 233,659                                  | 4.4%                            |
| Bloomington         | 408,078                               | 1,616,159                                 | 2,024,237                                | 13.7%                           |
| Brainerd            | --                                    | 40,806                                    | 40,806                                   | 1.8%                            |
| Brooklyn Center     | --                                    | 38,893                                    | 38,893                                   | 0.8%                            |
| Brooklyn Park       | --                                    | 8,274                                     | 8,274                                    | 0.2%                            |
| Burnsville          | 13,763                                | --  | 13,763                                   | 0.2%                            |
| Champlin            | --                                    | --  | 0  | 0.0%                            |
| Chanassen           | --                                    | --  | 0  | 0.0%                            |
| Chaska              | 115,757                               | 15,980                                    | 131,737                                  | 5.2%                            |
| Chisholm            | --                                    | 32,143                                    | 32,143                                   | 2.2%                            |
| Cloquet             | --                                    | --  | 0  | 0.0%                            |
| Columbia Heights    | --                                    | 30,000                                    | 30,000                                   | 1.9%                            |
| Coon Rapids         | 896                                   | 470,627                                   | 471,523                                  | 12.4%                           |
| Cottage Grove       | --                                    | --  | 0  | 0.0%                            |
| Crookston           | --                                    | --  | 0  | 0.0%                            |
| Crystal             | --                                    | 182,488                                   | 182,488                                  | 4.3%                            |
| Detroit Lakes       | --                                    | --  | 0  | 0.0%                            |
| Duluth              | --                                    | 228,540                                   | 228,540                                  | 0.9%                            |
| Eagan               | --                                    | 6,235                                     | 6,235                                    | 0.1%                            |
| East Bethel         | --                                    | --  | 0  | 0.0%                            |
| East Grand Forks    | --                                    | --  | 0  | 0.0%                            |
| Eden Prairie        | --                                    | 328,143                                   | 328,143                                  | 4.7%                            |
| Edina               | --                                    | 797,670                                   | 797,670                                  | 10.4%                           |
| Elk River           | --                                    | --  | 0  | 0.0%                            |
| Eveleth             | --                                    | --  | 0  | 0.0%                            |
| Fairmont            | --                                    | --  | 0  | 0.0%                            |
| Falcon Heights      | --                                    | --  | 0  | 0.0%                            |
| Faribault           | --                                    | 70,369                                    | 70,369                                   | 1.9%                            |
| Fergus Falls        | --                                    | 128,635                                   | 128,635                                  | 5.6%                            |
| Fridley             | 17,315                                | 79,500                                    | 96,815                                   | 2.5%                            |
| Golden Valley       | --                                    | --  | 0  | 0.0%                            |
| Grand Rapids        | --                                    | --  | 0  | 0.0%                            |
| Ham Lake            | --                                    | --  | 0  | 0.0%                            |
| Hastings            | --                                    | 201,463                                   | 201,463                                  | 10.2%                           |
| Hermantown          | --                                    | --  | 0  | 0.0%                            |
| Hibbing             | --                                    | --  | 0  | 0.0%                            |
| Hopkins             | 52,382                                | 344,723                                   | 397,105                                  | 18.6%                           |
| Hutchinson          | --                                    | --  | 0  | 0.0%                            |
| International Falls | --                                    | --  | 0  | 0.0%                            |
| Inver Grove Heights | 976                                   | 62,344                                    | 63,320                                   | 1.6%                            |
| Lake Elmo           | --                                    | --  | 0  | 0.0%                            |
| Lakeville           | 706,111                               | 415,141                                   | 1,121,252                                | 18.1%                           |
| Lino Lakes          | --                                    | --  | 0  | 0.0%                            |

|                   |             |              |              |       |
|-------------------|-------------|--------------|--------------|-------|
| Litchfield        | --          | 124,504      | 124,504      | 6.7%  |
| Little Canada     | --          | --           | 0            | 0.0%  |
| Little Falls      | --          | --           | 0            | 0.0%  |
| Mankato           | 601,656     | 847,109      | 1,448,765    | 30.3% |
| Maple Grove       | --          | 11,706       | 11,706       | 0.1%  |
| Maplewood         | --          | --           | 0            | 0.0%  |
| Marshall          | --          | 12,703       | 12,703       | 0.7%  |
| Mendota Heights   | --          | 7,351        | 7,351        | 0.3%  |
| Minneapolis       | 36,767      | 1,282,631    | 1,319,398    | 1.6%  |
| Minnetonka        | 1,324,297   | 3,307,354    | 4,631,651    | 41.0% |
| Montevideo        | --          | --           | 0            | 0.0%  |
| Moorhead          | --          | 7,017        | 7,017        | 0.1%  |
| Morris            | 3,599       | 184,026      | 187,625      | 8.8%  |
| Mound             | --          | 108,931      | 108,931      | 7.7%  |
| Mounds View       | --          | --           | 0            | 0.0%  |
| New Brighton      | 14,473      | 679,839      | 694,312      | 23.5% |
| New Hope*         | (25,091)    | 191,466      | 166,375      | 9.0%  |
| New Ulm           | --          | 33,191       | 33,191       | 1.1%  |
| Northfield        | --          | --           | 0            | 0.0%  |
| North Mankato     | --          | --           | 0            | 0.0%  |
| North St. Paul    | --          | 55,878       | 55,878       | 2.9%  |
| Oakdale           | --          | --           | 0            | 0.0%  |
| Orono             | --          | 28,516       | 28,516       | 1.3%  |
| Owatonna          | --          | 365,642      | 365,642      | 7.8%  |
| Plymouth          | --          | 381,328      | 381,328      | 4.9%  |
| Prior Lake        | --          | --           | 0            | 0.0%  |
| Ramsey            | --          | --           | 0            | 0.0%  |
| Red Wing          | --          | --           | 0            | 0.0%  |
| Redwood Falls     | --          | --           | 0            | 0.0%  |
| Richfield         | --          | 35,576       | 35,576       | 1.7%  |
| Robbinsdale**     | (69,130)    | 261,706      | 192,576      | 17.1% |
| Rochester         | --          | 43,384       | 43,384       | 0.4%  |
| Rosemount         | --          | --           | 0            | 0.0%  |
| Roseville         | --          | --           | 0            | 0.0%  |
| St. Anthony       | 77,747      | 118,861      | 196,608      | 19.8% |
| St. Cloud         | (137,096)   | 463,924      | 326,828      | 3.7%  |
| St. Louis Park    | 107,800     | 1,349,852    | 1,457,652    | 26.3% |
| St. Paul          | 1,373,373   | 1,687,055    | 3,060,428    | 4.9%  |
| St. Peter         | --          | --           | 0            | 0.0%  |
| Sauk Rapids       | --          | 118,693      | 118,693      | 5.4%  |
| Savage            | --          | --           | 0            | 0.0%  |
| Shakopee          | --          | 9,092        | 9,092        | 0.2%  |
| Shoreview         | 50,750      | 69,982       | 120,732      | 6.1%  |
| South St. Paul    | --          | 107,333      | 107,333      | 4.0%  |
| Spring Lake Park  | --          | 7,532        | 7,532        | 0.8%  |
| Stillwater        | --          | 8,993        | 8,993        | 0.3%  |
| Thief River Falls | 353,990     | 46,567       | 400,557      | 16.0% |
| Vadnais Heights   | --          | --           | 0            | 0.0%  |
| Virginia          | --          | 35,380       | 35,380       | 2.1%  |
| Waseca            | --          | --           | 0            | 0.0%  |
| West St. Paul     | --          | 190,000      | 190,000      | 7.0%  |
| White Bear Lake   | --          | 167,468      | 167,468      | 3.1%  |
| Willmar           | 17,057      | 246,630      | 263,687      | 10.6% |
| Winona            | --          | --           | 0            | 0.0%  |
| Woodbury          | --          | 71,559       | 71,559       | 1.1%  |
| Worthington       | --          | 31,113       | 31,113       | 1.7%  |
| TOTAL             | \$5,537,728 | \$18,751,353 | \$24,289,081 |       |

\* New Hope's reduction of \$25,091 for a period of 10 years has expired.  
\*\* Robbinsdale's reduction of \$69,130 for a period of 10 years has expired.

Unamortized Bond Account Balance  
(Amount as of December 31, 1985)

To compensate for unpaid Municipal State Aid obligations that are not reflected in the Municipal State Aid Needs Studies, the Municipal Engineers' Screening Board passed resolutions which provide that a separate annual adjustment shall be made in total money needs for a municipality that has sold and issued bonds pursuant to Minnesota Statutes, Chapter 162.18 for use on State Aid Projects. This adjustment, which covers the amortization period, and which annually reflects the net unamortized bonded debt, shall be accomplished by adding said net unamortized bond 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.

Also, that for the purpose of this separate annual adjustment, the unamortized balance of the Saint Paul Bond Account as authorized in 1953, second 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, Chapter 162.18.

| <u>Municipality</u> | <u>Amount of Issue</u> | <u>Unamortized Bond Balance</u> | <u>Total Disbursements and Obligations to December 31, 1985</u> | <u>Unencumbered Balance Available</u> | <u>Bond Account Adjustment</u> |
|---------------------|------------------------|---------------------------------|---|---------------------------------------|--------------------------------|
| Alexandria          | \$ 175,000             | \$ 30,000                       | \$ 175,000  | \$ - 0 -                              | \$ 30,000                      |
| Andover             | 510,000                | 460,000                         | 394,291   | 115,709                               | 344,291                        |
| Apple Valley        | 1,225,000              | 895,000                         | 1,225,000   | - 0 -                                 | 895,000                        |
| Bloomington         | 1,859,000              | - 0 -                           | 1,859,000   | - 0 -                                 | - 0 -                          |
| Brainerd            | 1,050,000              | 715,000                         | 620,000   | 430,000                               | 285,000                        |
| Brooklyn Center     | 1,050,000              | 360,000                         | 1,050,000   | - 0 -                                 | 360,000                        |
| Cloquet             | 405,000                | 70,000                          | 405,000   | - 0 -                                 | 70,000                         |
| Cottage Grove       | 1,170,000              | 665,000                         | 524,478   | 645,522                               | 19,478                         |
| Detroit Lakes       | 200,000                | - 0 -                           | 200,000   | - 0 -                                 | - 0 -                          |
| Duluth              | 1,425,000              | 1,425,000                       | 1,300,000   | 125,000                               | 1,300,000                      |
| East Grand Forks    | 325,000                | 150,000                         | 325,000   | - 0 -                                 | 150,000                        |
| Eden Prairie        | 2,300,000              | 1,200,000                       | 2,120,613   | 179,387                               | 1,020,613                      |
| Falcon Heights      | 245,000                | 50,000                          | 215,306   | 29,694                                | 20,306                         |
| Faribault           | 550,000                | 225,000                         | 550,000   | - 0 -                                 | 225,000                        |
| Grand Rapids        | 200,000                | 50,000                          | 200,000   | - 0 -                                 | 50,000                         |
| Ham Lake            | 330,000                | 100,000                         | 330,000   | - 0 -                                 | 100,000                        |
| Hibbing             | 1,100,000              | 900,000                         | 748,867   | 351,133                               | 548,867                        |
| Little Canada       | 225,000                | 195,000                         | 91,783  | 133,217                               | 61,783                         |

| <u>Municipality</u> | <u>Amount of Issue</u> | <u>Unamortized Bond Balance</u> | <u>Total Disbursements and Obligations to December 31, 1985</u> | <u>Unencumbered Balance Available</u> | <u>Bond Account Adjustment</u> |
|---------------------|------------------------|---------------------------------|---|---------------------------------------|--------------------------------|
| *Little Falls       | \$ 245,000             | \$ 20,000                       | \$ 222,443  | \$ - 0 - ( 22,557)                    | \$ (2,557)                     |
| Mankato             | 610,000                | - 0 -                           | 606,379   | 3,621                                 | (3,621)                        |
| Maple Grove         | 1,100,000              | 400,000                         | 1,091,625   | 8,375                                 | 391,625                        |
| Maplewood           | 540,000                | 240,000                         | 540,000   | - 0 -                                 | 240,000                        |
| Marshall            | 310,000                | 160,000                         | 235,496   | 74,504                                | 85,496                         |
| Mendota Heights     | 535,000                | 270,000                         | 523,628   | 11,372                                | 258,628                        |
| Minneapolis         | 4,000,000              | - 0 -                           | 4,000,000   | - 0 -                                 | - 0 -                          |
| Minnetonka          | 750,000                | - 0 -                           | 620,939   | 129,061                               | (129,061)                      |
| Mound               | 275,000                | 140,000                         | 275,000   | - 0 -                                 | 140,000                        |
| Moundsview          | 140,000                | - 0 -                           | 133,094   | 6,906                                 | (6,906)                        |
| New Hope            | 101,000                | - 0 -                           | 100,397   | 603                                   | (603)                          |
| Northfield          | 315,000                | - 0 -                           | 257,418   | 57,582                                | (57,582)                       |
| Orono               | 270,000                | 110,000                         | 204,747   | 65,253                                | 44,747                         |
| Red Wing            | 600,000                | 475,000                         | 600,000   | - 0 -                                 | 475,000                        |
| Redwood Falls       | 215,000                | 115,000                         | - 0 -   | 215,000                               | (100,000)                      |
| Roseville           | 2,225,000              | 2,225,000                       | - 0 -   | 2,225,000                             | - 0 -                          |
| St. Cloud           | 3,980,000              | 2,940,000                       | 2,755,388   | 1,224,612                             | 1,715,388                      |
| St. Paul            | - 0 -                  | - 0 -                           | - 0 -   | - 0 -                                 | 1,100,066                      |
| Spring Lake Park    | 195,000                | 95,000                          | 156,107   | 38,893                                | 56,107                         |
| Stillwater          | 255,000                | - 0 -                           | 255,000   | - 0 -                                 | - 0 -                          |
| Virginia            | 420,000                | 265,000                         | 420,000   | - 0 -                                 | 265,000                        |
| Woodbury            | 263,000                | 120,000                         | 98,936  | 164,064                               | (44,064)                       |
| TOTAL               | \$31,688,000**         | \$15,065,000**                  | \$25,430,935**  | \$6,257,065**                         | \$9,908,001                    |

\* Amount of Disbursements reduced due to monies being expended off the Municipal State Aid System; Little Falls - \$22,557 (1979-87).

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

1987 MUNICIPAL STATE AID STREET APPORTIONMENT DATA  
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 the following resolution:

BE IT RESOLVED:

"The money needs for all "non-existing" bridges and grade separation 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."

Pursuant to the above resolution, the listed amounts as of December 31, 1986, have been added to the total money needs of each of the following municipalities.

| Municipality<br>----- | First Year<br>of<br>Adjustment<br>----- | Year of<br>Apportionment<br>Expiration<br>----- | Amount<br>----- |
|-----------------------|---|---|-----------------|
| Albert Lea            | 1976                                    | 1991  | \$245,320       |
| Bloomington           | 1987                                    | 2001  | 1,255,688       |
| Brainerd              | 1974                                    | 1989  | 576,113         |
| Brooklyn Center       | 1974                                    | 1989  | 197,709         |
| Burnsville            | 1985                                    | 2000  | 349,684         |
| Chaska                | 1974                                    | 1989  | 28,800          |
| Eden Prairie          | 1984                                    | 1999  | 974,299         |
| Grand Rapids          | 1979                                    | 1994  | 553,858         |
| Hastings              | 1982                                    | 1997  | 233,038         |
| Hutchinson            | 1978                                    | 1993  | 570,793         |
| Maplewood             | 1973 & 1974                             | 1988 & 1989                                     | 664,966         |
| Minneapolis           | 1982 & 1985                             | 1997 & 2000                                     | 1,493,191       |
| Moorhead              | 1974                                    | 1989  | 7,530           |
| Red Wing              | 1978 & 1985                             | 1993 & 2000                                     | 1,145,475       |
| Rochester             | 1974                                    | 1989  | 84,378          |
| Roseville             | 1987                                    | 2001  | 2,814,714       |
| St. Louis Park        | 1971 & 1978                             | 1986 & 1993                                     | 1,492,570       |
| St. Paul              | 1974 & 1981                             | 1989 & 1996                                     | 1,221,432       |
| TOTAL                 |   |   | \$13,909,558    |

NEEDS ADJUSTMENT FOR RIGHT-OF-WAY ACQUISITION

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

| MUNICIPALITY        | 1976-1984<br>EXPENDITURES<br>TOTAL NEEDS<br>FOR THE<br>1986 APPORT. | 1985<br>(+) EXPENDITURES (-) | TOTAL NEEDS<br>FOR 1987<br>APPORTIONMENT<br>ADJUSTMENT |
|---------------------|---|------------------------------|--|
| Anoka               | 28,974  | --                           | 28,974   |
| Bloomington         | 211,770   | 620,721                      | 832,491  |
| Burnsville          | 304,777   | --                           | 304,777  |
| Cloquet             | 73,539  | --                           | 73,539   |
| Crookston           | 149,174   | --                           | 149,174  |
| Crystal             | 1,280,343   | 412,833                      | 1,693,176  |
| Duluth              | 159,500   | 15,750                       | 175,250  |
| Eagan               | 271,918   | --                           | 271,918  |
| East Bethel         | 14,000  | --                           | 14,000   |
| Fairmont            | 1,825   | --                           | 1,825  |
| Faribault           | 2,346   | --                           | 2,346  |
| Fergus Falls        | 33,600  | --                           | 33,600   |
| Fridley             | 5,853   | --                           | 5,853  |
| Golden Valley       | 720,932   | 199,520                      | 920,452  |
| Hastings            | 17,620  | --                           | 17,620   |
| Hibbing             | 14,000  | --                           | 14,000   |
| Inver Grove Heights | 20,997  | --                           | 20,997   |
| Lake Elmo           | --  | 19,706                       | 19,706   |
| Little Canada       | 43,300  | --                           | 43,300   |
| Mankato             | --  | 230,045                      | 230,045  |
| Maple Grove         | 50,038  | --                           | 50,038   |
| Marshall            | 58,320  | --                           | 58,320   |
| Minneapolis         | 3,278,216   | 250,500                      | 3,528,716  |
| Minnetonka          | 282,150   | --                           | 282,150  |
| Moorhead            | 21,000  | --                           | 21,000   |
| Morris              | 13,097  | --                           | 13,097   |
| Mound               | --  | 91,291                       | 91,291   |
| Northfield          | 3,110   | 5,740                        | 8,850  |
| North Mankato       | 395,146   | --                           | 395,146  |
| Owatonna            | 113,638   | --                           | 113,638  |
| Plymouth            | 25,208  | --                           | 25,208   |
| Ramsey              | 44,008  | 45,903                       | 89,911   |
| Red Wing            | 76,176  | --                           | 76,176   |
| Richfield           | 1,152,857   | --                           | 1,152,857  |
| Rochester           | 451,191   | 27,730                       | 478,921  |
| St. Cloud           | 760,233   | 18,000                       | 778,233  |
| St. Louis Park      | 335,520   | --                           | 335,520  |
| St. Paul            | 2,429,930   | 40,088                       | 2,470,018  |
| Sauk Rapids         | 9,834   | --                           | 9,834  |
| Stillwater          | 104,442   | --                           | 104,442  |
| Waseca              | --  | 5,000                        | 5,000  |
| White Bear Lake     | 177,573   | --                           | 177,573  |
| Willmar             | 22,500  | --                           | 22,500   |
| Winona              | 340,950   | --                           | 340,950  |
| Worthington         | --  | 26,842                       | 26,842   |
| TOTAL               | 13,499,605  | 2,009,669                    | 15,509,274   |

1987 MUNICIPAL STATE AID APPORTIONMENT DATA  
Needs Adjustment for Reconstruction Projects  
-----

The Municipal Screening Board at its June, 1983 meeting passed a resolution which gives a municipality a credit adjustment in their money needs apportionment, whenever State Aid funds are spent on a State Aid Street for the second time. This Adjustment is made in place of attempting to justify inclusion in the Needs reporting.

The resolution states That:

The money needs for all streets and bridges constructed with State Aid funds with the exception of additional surfacing, shall be removed from the Needs Study until such time as a reconstruction project is awarded. At that time, a money needs adjustment shall be made by annually adding the total amount of the street or bridge cost that is eligible for State Aid reimbursement for a 15-year period. This cost to exclude any Federal or State Aid grants and to be effective on all reconstruction projects awarded after January 1, 1983.

The following summary shows the reconstruction projects reported:

| Municipality    | Project No. | Type of Project  | Date of Const. | Date of Reconst. | Years of Apport. Adj. | Amount    | Total Adjustment |
|-----------------|-------------|------------------|----------------|------------------|-----------------------|-----------|------------------|
| Austin          | 104-120-01  | G, B, Con. Surf. | 1961           | 1984             | 1986-2000             | \$67,543  | \$67,543         |
| Brainerd        | 108-103-07  | GR, B, S         | 1959           | 1984             | 1986-2000             | 25,526    |                  |
| Brainerd        | 108-114-03  | GR, B, S         | 1967           | 1984             | 1986-2000             | 65,748    |                  |
| Brainerd        | 108-114-04  | GR, B, S         | 1967           | 1984             | 1986-2000             | 15,064    |                  |
| Brainerd        | 108-117-03  | GR, B, S         | 1967           | 1984             | 1986-2000             | 8,110     |                  |
| Brainerd        | 108-118-02  | GR, B, S         | 1973           | 1984             | 1986-2000             | 11,679    |                  |
| Brainerd        | 108-124-05  | GR, B, S         | 1959           | 1985             | 1987-2001             | 58,908    | 185,035          |
| Duluth          | 118-140-19  | Bridge Repair    | 1930           | 1984             | 1987-2001             | 1,054,200 | 1,054,200        |
| Mendota Heights | 140-103-06  | WID, GR, B, S    | 1966           | 1985             | 1987-2001             | 129,628   | 129,628          |
| St. Paul        | 164-113-17  | Bridge Repair    | 1969           | 1983             | 1985-1999             | 307,298   |                  |
| St. Paul        | 164-156-10  | Bridge Repair    | 1970           | 1983             | 1985-1999             | 103,674   |                  |
| St. Paul        | 164-109-14  | G, B, S & SS     | 1962           | 1983             | 1985-1999             | 138,932   |                  |
| St. Paul        | 164-141-08  | Bridge Repair    | 1965           | 1984             | 1986-2000             | 151,484   |                  |
| St. Paul        | 164-159-23  | Bridge Rehab.    | 1964           | 1984             | 1986-2000             | 449,427   |                  |
| St. Paul        | 164-159-22  | Bit. Misc.       | 1964           | 1984             | 1986-2000             | 133,952   | 1,284,767        |
| STATE TOTAL     |             |                  |                |                  |                       |           | \$2,721,173      |



1987 MUNICIPAL STATE AID STREET APPORTIONMENT DATA

Trunk Highway Turnbacks

The following tabulation shows the Trunk Highway Turnback Maintenance allowance for the 1987 Apportionment. All turnbacks eligible for maintenance payments are included in this tabulation as of October 1, 1986. 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>Desig. | 1987<br>Maintenance Allowance<br>Miles X \$1500 | Total   |
|----------------------|-----------------------|------------------|------------------|-----------------|-----------------------------|---------------------------|---|---------|
| Bemidji              |                       |                  |                  |                 |                             |                           |   |         |
| 125<br>(TH 2)        | 9-82                  | 0.72             | No               |                 | 0.72                        | 12-82                     | 0.72 x \$1500 = \$1080                          | \$1080  |
| Mankato              |                       |                  |                  |                 |                             |                           |   |         |
| 101<br>(TH 22)       | 4-1-85                | 1.12             | No               |                 | 1.12                        | 6-85                      | 1.12 x \$1500 = \$1680                          |         |
| 120<br>(TH 60)       | 6-1-77                | 0.66             | Yes              | 0.42            | 0.24                        | 6-77                      | 0.24 x \$1500 = \$ 360                          |         |
| 123<br>(TH 14)       | 4-1-85                | 1.42             | No               |                 | 1.42                        | 6-85                      | 1.42 x \$1500 = \$2,130                         |         |
|                      |                       | 3.20             |                  | 0.42            | 2.78                        |                           | \$4,170   | \$4,170 |
| North Mankato        |                       |                  |                  |                 |                             |                           |   |         |
| 116<br>(TH 14)       | 8-78                  | 1.94             | Yes              | 1.00            | 0.94                        | 10-78                     | 0.94 x \$1500 = \$1,410                         | \$1,410 |
| St. Cloud            |                       |                  |                  |                 |                             |                           |   |         |
| 140<br>(TH 15)       | 10-80                 | 1.36             | Yes              | 0.21            | 1.15                        | 2-81                      | 1.15 x \$1500 = \$1,725                         | \$1,725 |
| TOTAL                |                       | 7.22             |                  | 1.63            | 5.59                        |                           |   | \$8,385 |

1987 MUNICIPAL STATE AID STREET APPORTIONMENT DATA

Variances

The Municipal Screening Board passed a resolution that requires a needs adjustment for those cities that received a variance approval to construct a street to a lesser width than was requested in the needs study.

The resolution states that:

"The adjustment for width variance will be based on the needs cost of the base and surface, times the proportional difference between the minimum standards and the granted variance, times fifteen. This would be a one year adjustment to the 25-year needs."

The variances that do not effect the needs are as follows:

- Austin - M.S.A.S. 121 (4th Street Northeast) from Main Street to 15th Avenue Northeast to permit utility poles within the required obstacle free zone on a reconstruction project. No adjustment necessary.
- Columbia Heights - M.S.A.S. 119 (Johnson Street) from 37th Avenue to 40th Avenue to permit a design speed of 25 M.P.H. No adjustment necessary.
- Mendota Heights - M.S.A.S. 103 - request from eligibility requirements for the use of State Aid monies to finance a construction project after it was let. No adjustment necessary.
- Mendota Heights - M.S.A.S. 108 (Chippewa Avenue) from Dodd Road to Annapolis Street to permit a design speed of 17 and 23 M.P.H. No adjustment necessary.
- Minneapolis - M.S.A.S. 332 (Cedar Avenue) from 15th Avenue South to T.H. 12 (Washington Avenue) to permit a design speed of 26.5 M.P.H. No adjustment necessary.
- Minneapolis - M.S.A.S. 370 (Vineland Place) from Kenwood Parkway to Lyndale Avenue South to permit a design speed of 25 M.P.H. instead of 30 M.P.H. No adjustment necessary.
- Roseville - M.S.A.S. 241 (Cleveland Avenue) from County Road B-2 to Oakcrest Avenue to permit a turning lane. No adjustment necessary.
- St. Cloud - M.S.A.S. 128 (East Street Germain Street) from Wilson Avenue to T.H. 10 to permit parking on both sides. No adjustment necessary.
- St. Paul - Eight Street (T.H. 5) from Minnesota Street to Johnson Street to permit a divided street of 64 feet including a 10 foot median with parking on one side. No adjustment necessary.

- Savage - M.S.A.S. 106 (Natchez Avenue) from County Road 42 (142nd Street) to Ottawa Avenue to permit a design speed of 25 M.P.H. instead of 30 M.P.H. No adjustment necessary.
- Shoreview - C.S.A.H. 51 (Lexington Avenue) from County Road D to County Road E for a sidewalk construction project on a C.S.A.H. that is deficient in width and which has no sidewalk in place. No adjustment necessary.
- West St. Paul - M.S.A.S. 120 (Emerson Avenue) between Bidwell Street and Imperial Drive to permit a design speed of 25 M.P.H. No adjustment necessary.

The segments that have been granted variances for street width and will be adjusted as follows:

- Minneapolis - T.H. 77 (Cedar Avenue) between Lake Nokomis Parkway and C.S.A.H. 62 to permit improvement of the transition between a two-lane and one-lane roadway for northbound traffic on Cedar Avenue. No adjustment necessary.
- New Hope - M.S.A.S. 101 (Boone Avenue) from 27th Avenue North to 62nd Avenue North to permit a street width of 44 feet with parking instead of the required 48 feet with parking and design speed of 25 M.P.H. instead of the required 30 M.P.H. No adjustment necessary. Needs drawn on 44 feet.
- St. Paul - M.S.A.S. 231 (Snelling Avenue) from Edgcumbe Road to West 7th Street to permit a design speed of 20 M.P.H. and a street width of 26 feet with no parking. Adjustment necessary.

Needs prior to construction for .43 miles and a width of 44 feet.

|         |         |
|---------|---------|
| Base    | 70,986  |
| Surface | 62,051  |
|         | 133,037 |

width.  $\$108,848 \times \frac{10}{36} \times 15 = \$453,535$  adjustment.

- St. Cloud - M.S.A.S. 128 (East St. Germain Street) from Riverside Drive Northeast to Riverside Drive Southeast to permit a street width of 52 feet (two lanes with parking on both sides instead of the required width of 52 feet, four lanes without parking). No adjustment necessary.

- Winona - M.S.A.S. 103 (5th Street) from High Street to Huff Street to permit a width of 44 feet with parking instead of 48 feet and no parking. Adjustment necessary.

Needs prior to construction for .71 miles and a width of 52 feet.

|         |         |
|---------|---------|
| Base    | 274,625 |
| Surface | 254,525 |
|         | 529,150 |

width.  $\$488,446 \times \frac{4}{48} \times \frac{.71}{1.31} \times 15 = \$330,913$  adjustment.

MINUTES  
FALL  
MUNICIPAL SCREENING COMMITTEE  
OCTOBER 28 and 29, 1986

The fall meeting of the Screening Board was called to order by Chairman Anderson at 1:05 p.m., Tuesday, October 28, 1986.

PRESENT WERE:

OFFICERS:

|                            |            |
|----------------------------|------------|
| Chairman, Larry Anderson   | Prior Lake |
| Vice Chairman, Ken Saffert | Mankato    |
| Secretary, Fred Moore      | Plymouth   |

MEMBERS:

ALTERNATE

|  |                  |                              |
|--|------------------|------------------------------|
| District 1 - Clyde Busby                         | Hibbing          |                              |
| * District 2 - Gary Sanders                      | East Grand Forks |                              |
| District 3 - Ron Schweninger                     | Brainerd         |                              |
| District 4 - Dan Edwards                         | Fergus Falls     |                              |
| District 5 - Ron Rudrud                          | Bloomington      | Bill Ottensman, Coon Rapids  |
| District 6 - Richard Murphy                      | Austin           |                              |
| District 7 - Martin Menk                         | North Mankato    |                              |
| * District 8 - Tom Rodenberg                     | Montevideo       |                              |
| District 9 - Steven Gatlin                       | White Bear Lake  | Charles Siggerud, Burnsville |
| First Class City - John Carlson                  | Duluth           |                              |
| First Class City - Marvin Hoshaw                 | Minneapolis      |                              |
| First Class City - Robert Peterson               | St. Paul         |                              |
| Chairman Needs Study<br>Subcommittee - Don Asmus | Minnetonka       |                              |

OTHERS:

|                      |                                       |
|----------------------|---------------------------------------|
| Tom Kuchfeld         | St. Paul                              |
| Mike Eastling        | Richfield                             |
| Ed Leone             | Duluth                                |
| Jon Ketchkoski       | Minneapolis                           |
| Gordon Fay           | Mn/DOT Director, Office of State Aid  |
| Roy Hanson           | Mn/DOT Assistant State Aid Engineer   |
| Ken Straus           | Mn/DOT Municipal State Aid Needs Unit |
| Bill Croke           | Mn/DOT District 1, State Aid          |
| Jack Isaacson        | Mn/DOT District 2, State Aid          |
| Dave Reed            | Mn/DOT District 3, State Aid          |
| Vern Korzendorfer    | Mn/DOT District 4, State Aid          |
| * Chuck Weichselbaum | Mn/DOT District 5, State Aid          |
| Earl Welshons        | Mn/DOT District 6, State Aid          |
| Harv Suedbeck        | Mn/DOT District 7, State Aid          |
| John Hoeke           | Mn/DOT District 8, State Aid          |
| Elmer Morris         | Mn/DOT District 9, State Aid          |
| Ken Hoescher         | Mn/DOT State Aid                      |

\*Wednesday Only

MINUTES CONSIDERATION:

Chairman Anderson called for the consideration of the minutes of the June 24 and 25, 1986, Screening Committee. They are printed as page 6 to 14 of the Needs Report. Ken Straus noted that the reference to eight percent in Item 3 F on page 14 should be deleted since it was incorrect. Marv Hoshaw moved, seconded by Ron Rudrud, to approve the minutes with the correction as noted. Motion carried.

NEEDS REPORT:

Ken Straus handed out a revised "Municipal State Aid Needs Report". An error had been discovered in the computer program and the report includes revisions to any tabulation indicating "Money Needs".

Chairman Anderson stated that the entire report would be reviewed and discussed today, and we will hold any action until the Wednesday morning session. This will give all members a chance to informally discuss various items on Tuesday evening.

Ken Straus reviewed the booklet. Pages 1 through 5 contain general information, Pages 6 through 14 the minutes of the past meeting, Pages 15 through 20 the approved mileage and Pages 21 through 49 the Needs Determination. He stated that the Needs were based upon the new unit prices approved at the spring meeting.

A discussion was held on the September 1st date for determining the amount of the Unencumbered Construction Fund balance for the current year. This date was revised and established at the spring meeting. Ken Straus stated that it provided a short time for the State Aid Office to prepare the booklet. It was the consensus that no change should be made.

Ken Straus requested comments from members whether anyone uses the tabulation of the Unencumbered Construction Fund balance which compares it to the percent of Basic Needs as indicated on Page 30 and 31 of the Report. If it is not used, it should be dropped from the Report. This will be discussed informally this evening.

Ken Straus stated that on Page 42 is indicated the Needs adjustment for reconstruction projects. Included in this amount is two inches of asphalt for resurfacing. When an asphalt overlay is a part of a reconstruction project, Needs are also drawn on this overlay. A determination should be made by the Screening Committee on whether this should be revised.

Ken Straus reviewed the tentative Apportionment Data indicated on Pages 50 through 65 of the Report. This section is devoted to the establishment of the tentative Apportionment. If the board accepts the Mileage and Needs Data, as shown in the Report, the original of the letter as shown on Page 47, would be approved for signatures by the board. With regard to the Apportionment, the following applies.

- A. In comparing 1986 to 1987 only seven Cities increased and the remaining decreased.
- B. One half of the Apportionment is based upon population.
- C. The Apportionment is based upon an estimated revenue of \$52,000,000.

#### UNEMCUMBERED CONSTRUCTION FUND SUBCOMMITTEE:

The minutes of the Subcommittee are printed on Pages 66 through 69 of the Report. The Subcommittee is recommending an adjustment to the Needs for Little Falls and West St. Paul. Sixteen communities were reviewed and it is only recommended that adjustments be made for two communities.

#### RESEARCH ACCOUNT:

Page 71 of the Report indicates the history of the research account. In the past a certain amount of money is set aside for research projects each year. It is recommended that one quarter of one percent be allocated to this account.

#### VARIANCES:

A resolution of the Municipal Screening Board requires a Needs adjustment for those Cities that receive a variance approval to construct a street to a lesser width than was requested in the Needs Study. In accordance with this resolution an adjustment will be required for Winona and St. Paul. The recommended adjustment is indicated on Page 73 of the Report.

#### NEEDS STUDY SUBCOMMITTEE:

Don Asmus, Chairman of the Needs Study Subcommittee handed out a recommendation with regard to the request for "After the Fact Needs" for the lift bridge for the City of Duluth. The Subcommittee met on October 10, 1986 and made the following recommendation:

\$1,054,200 be added to Duluth's Need each year for the next fifteen years.

Don Asmus stated that the reasons for this recommendation are as follows:

1. The City of Duluth did draw Needs on the bridge from 1958 through 1966 and should have continued to receive them through 1984.
2. The bridge was deficient in that the sufficiency ratings were very low and the speed and the load carrying capacity of the bridge were actually lowered to reduce the impact on the physical structure of the bridge itself.

John Carlson, City of Duluth, stated that because of the special nature of the bridge, consideration should be given for additional needs. The determination of the Subcommittee was based upon the existing length of the bridge. This is an aerial bridge, and therefore, it is of a shorter length to obtain the same clearance that would be required of a typical bridge. He further stated they spent approximately \$3,600,000 on the reconstruction of the bridge and they are requesting Needs for this full amount.

Ken Straus stated that if the bridge had been drawing Needs for the past nineteen years at the established rate per square foot, it would have drawn approximately 13.5 million dollars.

#### OTHER BUSINESS:

1. Bob Peterson made the following comments on the State Legislation on the road system through Como Park and the petition to eliminate the width requirements.

- a. St. Paul sent a petition to the Commissioner of MnDOT for a variance to the proceedings. The petition was denied.
  - b. In 1977 the Legislature adopted an act which stated that Park Land could not be used for the widening of Lexington Avenue.
  - c. The approved plan for Lexington Avenue requires its relocation.
  - d. The plan went to the Legislature to rescind the 1977 law, allow relocation and eliminate the need for a variance for the 32 foot width roadway. This was approved by the Legislature.
2. Ken Straus handed out a comparison of the traffic projection factor using 1.5 versus 2. This comparison does not change any traffic projection factor that was more than 2. The comparison indicates that by changing the traffic projection factor from 2 to 1.5 it has very little affect on the total Apportionment.
  3. Mike Eastling, City of Richfield, requested a review of the rules for Reconstruction Needs. He stated that during reconstruction some streets are rebuilt on a slightly different alignment, but serve the same purpose. Their request is to consider these streets as reconstruction of the State Aid System.
  4. Ken Straus suggested a change in the current resolution for "Construction Fund Balance". He suggested that in the last paragraph of the resolution, as indicated on Page 81 of the Report, the word "accumulation" be inserted after the word Municipality in the first sentence. This will clarify any misunderstandings.
  5. A motion was made by Steve Gatlin, seconded by Dick Murphy, to adjourn the meeting until 9:00 a.m., October 29th for further discussion on the items herein discussed. Motion carried. Adjournment at 2:50 p.m.

#### SECOND SESSION:

Chairman Anderson called the Municipal Screening Board meeting back into session at 9:04 a.m. on October 29th. He stated that action was required on several items discussed the previous day.

#### TRAFFIC PROJECTIONS:

Ken Straus stated that the State Aid Office will look in more detail at the affect of revising the factor from 2 to 1.5 and will report at the next spring meeting.

#### UNENCUMBERED CONSTRUCTION FUND BALANCE:

It was determined that the report printed on Page 30 and 31 of the booklet should be continued since it is good for comparison and informational purposes.

UNENCUMBERED CONSTRUCTION FUND BALANCES:

The action would be to approve the recommendation of the Unencumbered Construction Fund Subcommittee.

1. A motion was made by Martin Menk, seconded by Dan Edwards, to approve the Committee recommendation with regard to Little Falls. Motion carried.
2. A motion was made by Ron Rudrud, seconded by Steve Gatlin, to approve the Committee recommendation with regard to West St. Paul. Motion carried.

CONSTRUCTION FUND BALANCE RESOLUTION: (Page 81 of Report)

Martin Menk stated that when the \$300,000 was established, it was an arbitrary number. It is not logical to increase this number by ten percent to adjust for increase in construction cost. There was a consensus of the board that the \$300,000 amount should not be changed.

A motion was made by Marv Hoshaw, seconded by John Carlson, to delete the first sentence of the last paragraph of the current resolution on Construction Fund Balance and replace it with the following sentence.

Whenever a Municipality's Construction Fund Balance available as of June 30th, not including the current year's allotment, exceeds \$300,000, or two times their annual construction allotment (whichever is greater), the Unencumbered Construction Fund Subcommittee will review and allow the City in question to explain the reason for the large balance.

Motion carried.

RESEARCH ACCOUNT:

A motion was made by Dick Murphy, seconded by Tom Rodenberg, that an amount of \$147,745, not to exceed one quarter of one percent of the 1986, M.S.A.S. Apportionment sum of \$59,097,819 shall be set aside from the 1987 Apportionment Fund and be credited to the Research Account. Motion carried.

VARIANCES:

The Needs adjustment as a result of variances should be based upon the minimum standards for width and the granted variance. If this was done incorrectly, the State Aid Office should revise the calculations and make the necessary adjustments.

Marv Hoshaw moved, seconded by Martin Menk, that an adjustment of \$816,363 be made to the Needs for St. Paul. Motion carried.

Marv Hoshaw moved, seconded by Martin Menk, that an adjustment of \$661,826 be made to the Needs for Winona. Motion carried.

Motion by Dick Murphy, seconded by Dan Edwards, that no other adjustments are necessary due to variances. Motion carried.



OTHER NEEDS ADJUSTMENT:

Duluth Aerial Bridge

A motion was made by Marv Hoshaw, seconded by Dick Murphy, to approve the recommendation of the Needs Subcommittee that \$1,054,200 be added to Duluth's Needs each year for the next fifteen years.

Ron Schweningen stated that a Needs adjustment is justified and \$1,000,000 is too low, and \$3,600,000 is too high. He stated that the bridge should be considered as a non-existing bridge and constructed to the required standards, probably 60 feet wide.

Marv Hoshaw stated that if the bridge had been considered in the Needs since 1965, it would have drawn less than the recommendation of the Subcommittee.

The reasons for the recommendation of the Subcommittee are as follows:

1. The City of Duluth did draw Needs on the bridge from 1958 through 1966 and should have continued to receive them through 1984.
2. The bridge was deficient in that the sufficiency ratings were very low and the speed in the load carrying capacity of the bridge were actually lowered to reduce the impact on the physical structure of the bridge itself.

Motion carried with a hand vote of seven to five.

A motion was made by Ron Rudrud, seconded by Dan Edwards, to reconsider. Motion carried.

Dan Edwards stated that if 60 foot had been used as a width in 1965, Duluth would not have settled for the amount.

On a revote the motion carried on a hand vote of seven to five.

OTHER NEEDS ADJUSTMENT - RICHFIELD

Mike Eastling stated that Richfield is requesting that the board consider the following:

1. Should there be a negative adjustment.
2. Should Reconstruction Needs be allowed on a revised alignment.
3. Should the standards be flexible with regard to redevelopment or rigid as they are with past practices.

Ron Schweningen stated that this would not be reconstruction since it is on a new alignment and adjustments are only made if it is taken off the system.

Marv Hoshaw stated that developed communities can use M.S.A. Funds by removing streets from the existing system. At some time in the future they will receive Reconstruction Needs.

Ken Straus stated that the Screening Committee has encouraged long range planning and not short term decisions. The system rewards long range plans and makes negative adjustments for short term decisions. This was done to discourage a lot of political influence.

Mike Eastling requested that the board continue to reconsider reconstruction areas and take no action at this time.

#### NEEDS ON RECONSTRUCTION PROJECTS:

It was the consensus that no changes be made with regard to the two inch asphalt surface at this time.

#### DESIGN WIDTH RESOLUTION:

The consideration is whether adjustment for width variances be from "Minimum Width" as presently stated, or from "Needs Width".

Motion by Dan Edwards, seconded by Ron Rudrud, to confirm the existing resolution. Motion carried.

#### MONEY NEEDS:

A motion was made by Marv Hoshaw, seconded by Steve Gatlin to approve the Money Needs as indicated on Page 48 and 49 of the Report and authorizing signing of the letter to Commissioner Braun printed on Page 47. Motion carried.

#### OTHER BUSINESS:

Ron Rudrud stated that the A.M.A. has requested a determination of whether Opticom is eligible for State Aid participation. Chuch Weichselbaum, District 5 State Aid Engineer, stated that it is now eligible by State law.

Ron Rudrud asked if turn lanes were eligible for State Aid. Ken Straus stated that plans should be submitted, and if they were in accordance with the standards, they would receive State Aid.

Chairman Anderson thanked Don Asmus and Bob Simon for their excellent work as Chairmans of the Subcommitties.

Chairman Anderson thanked Ron Rudrud, Martin Menk and Steve Gatlin for their participation in the Screening Committee. This will be their last meeting of their current term.

Gordon Fay, State Aid Director, made the following Report:

1. Items need to be brought to the Screening Committee since it is an educational process. This has been an excellent meeting with good discussions.
2. The several changes which the Legislature has made in the last four years with regard to the contribution of the excise tax to the Road User Fund points out the advantage of "Dedicated Funds" to provide stability to the State Aid Fund.


3. The balance in the State Aid Fund is at an all time high. This conflicts with requests to provide additional funding to the State Aid System. This also applies to Federal Funds and is being looked at by the Legislature.
4. The County Engineer's feel there is a need for computer interconduct with MnDOT for road reports and design.

ADJOURNMENT:

A motion was made by Martin Menk, seconded by Steve Gatlin, to adjourn the meeting. Motion carried.

The meeting was adjourned at 11:05 a.m.

Respectfully submitted,

  
Fred G. Moore, Secretary  
C.E.A.M.

CURRENT RESOLUTIONS  
OF THE  
MUNICIPAL SCREENING BOARD

OCTOBER 1986

BE IT RESOLVED:

ADMINISTRATION

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.

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.

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.

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 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.

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.

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.

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. 1965 (Revised June 1986)

That when a Municipal State Aid Street is constructed to State Aid standards with State Aid funds, said construction shall be considered to be 100 percent accomplishment of total needs with the exception of additional surfacing. 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 are permitted in subsequent needs.

The money needs for all streets and bridges constructed with State Aid funds with the exception of additional surfacing, shall be removed from the Needs Study until such time as a reconstruction project is awarded. At that time, a money needs adjustment shall be made by annually adding the total amount of the street or bridge cost that is eligible for State

Aid reimbursement for a 15-year period (except for preliminary engineering). This cost to exclude any federal or State Aid grants and to be effective on all reconstruction projects awarded after January 1, 1983.

Each city will be responsible for reporting their qualified reconstruction projects with the annual needs update, beginning December 31, 1983.

That in order to be consistent with the previous resolution, the Office of State of State Aid is instructed to remove all needs except additional surface for streets that have been improved with the use of State Aid funds or are reported adequate.

## 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)

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.

(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)

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, no additional designation other than trunk highway turnbacks can be considered until allowed by the computations of the Annual Certification of Mileage within which the maximum mileage for State Aid designation is determined.

Construction Cut Off Date - Oct. 1961 (Revised May 1980, Oct. 1982 and Oct. 1983)

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. The District State Aid Engineer will forward the request to the State Aid Engineer for review. A City Council resolution of approved mileage and the Needs Study reporting data must be received by the State Aid Engineer 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.

COST

Construction Item Unit Prices - (Revised Annually)

|               |            |             |                   |
|---------------|------------|-------------|-------------------|
| Right of Way: |            |             | \$ 10,000.00 Mile |
| Grading:      |            |             | \$ 3.00 Cu. Yd.   |
| Base:         | Class 4    | Spec. #2211 | \$ 5.00 Ton       |
|               | Class 5    | Spec. #2212 | \$ 5.25 Ton       |
|               | Bituminous | Spec. #2331 | 22.00 Ton         |
| Surface:      | Bituminous | Spec. #2331 | \$ 22.00 Ton      |
|               | Bituminous | Spec. #2341 | 25.00 Ton         |
|               | Bituminous | Spec. #2361 | 35.50 Ton         |
| Shoulders:    |            |             |                   |
|               | Gravel     | Spec. #2221 | \$ 4.25 Ton       |

Miscellaneous:

|                          |              |          |
|--------------------------|--------------|----------|
| Storm Sewer Construction | 0            | Mile     |
| Storm Sewer Adjustment   | \$ 62,000.00 | Mile     |
| Traffic Signals          | 10,000.00    | Mile     |
| Street Lighting          | 2,000.00     | Mile     |
| Curb & Gutter            | 6.00         | Lin. Ft. |
| Sidewalk                 | 14.00        | Sq. Yd.  |

Removal Items:

|                   |         |          |
|-------------------|---------|----------|
| Curb & Gutter     | \$ 1.50 | Lin. Ft. |
| Sidewalk          | 4.00    | Sq. Yd.  |
| Concrete Pavement | 3.75    | Sq. Yd.  |
| Tree Removal      | 90.00   | 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.   | \$49.00 | Sq. Ft. |
| Bridges 150 to 499 Ft. | \$51.00 | Sq. Ft. |
| Bridges 500 & Over     | \$55.00 | Sq. Ft. |
| Bridge Widening        | \$65.00 | 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  | \$2,250 | Lin. Ft. |
| Each Additional Track | \$1,750 | 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)     | \$65,000 Unit |
| Signals and Gates (Multiple Track - high | \$95,000 Unit |
| Signs Only & low speed)                  | \$ 300 Unit   |

### 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.

### Storm Sewer - June 1986

The money needs for all complete storm sewers shall be removed from the Needs Study until such time that adjustment shall be made by annually adding the amount of the Storm Sewer Construction project cost that is eligible for State Aid participation for a 15-year period. Adjust storm sewer will continue to be included as a needs item.

On all complete Storm Sewer Construction projects let in 1984 and subsequent years where State Aid Funds have participated in the cost, the complete Storm Sewer Needs will be determined by the Office of State Aid using the participating plan quantities, the participating percentage and the contract or force account prices.

In order to receive needs for qualifying Storm Sewer Construction projects funded with local funds let in 1984 and subsequent years, a plan and an Abstract of Bids or Construction Proceed Order must be submitted to the Office of State Aid by the City Engineers. The Hydraulics Section of the Office of Design Services will determine the eligible percentage of participating storm sewer and the Office of State Aid will determine the complete Storm Sewer Needs.

Adjustments to the complete Storm Sewer Needs will be acceptable but the responsibility of reporting final costs will rest with the City Engineer.

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.

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.

NEEDS ADJUSTMENTS

Expenditures Off State Aid System - Oct. 1961

That any authorized Municipal State Aid expenditure on County State Aid or State Trunk Highway projects shall be compensated for by annually deducting the full amount thereof from the Money Needs for a period of ten years.

Bond Adjustment - Oct. 1961 (Revised 1962)

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.

(Revised 1975)

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.

(Revised June 1979)

"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."

Construction Fund Balance - Oct. 1961 (Revised June 1986)

That for the determination of Apportionment Needs, the amount of the unencumbered construction fund balance as of September 1st of the current year, not including the current year construction apportionment, 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.

(Revised Oct. 1981)

By January 1, 1983, each municipality shall submit a revised 5-year construction program which has been approved by their city council. This program shall include sufficient projects to utilize all existing and anticipated funds accruing during the life of the program. The program will be updated at 3-year intervals and a review made at that time to ascertain program implementation.

(Revised Oct. 1986)

Whenever a municipality's construction fund balance available as of June 30th of the current year, not including the current year's allotment, exceeds \$300,000 or two times their annual construction allotment (whichever is greater), the Unencumbered Construction Fund Subcommittee will review and allow the city in question to explain the reason for the large balance. Each individual municipality will be evaluated by the Subcommittee and a recommendation shall be made to the Screening Board prior to making adjustment. The

sub-committee's recommendations will be based on the guidelines that should an adjustment be necessary, twice the city's unencumbered construction fund balance, less the current year's construction allotment, will be deducted from the city's 25-year needs prior to the succeeding year's apportionment. Unless the balance is reduced in future years, this deduction will be increased annually to 3, 4, 5, etc., times the amount until such time the money needs are reduced to zero. This adjustment would be in addition to the unencumbered construction fund deduction previously defined.

## SOILS

### 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.

### Trunk Highway Turnback - Oct. 1967

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 \$1,500 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 \$1,500 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.

## 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

If a Municipal State Aid Street is constructed to a width wider than required, only the width required by rules will be allowed for future resurfacing needs.

### Variance Granted - Reduction of Money Needs - Oct. 1982 (Revised Oct. 1984)

That the State Aid Office give future money needs based on the date of variance approval.

The adjustment for width variances will be based on the needs cost of the base and surface, times the proportional difference between the minimum standards and the granted variance, times fifteen. This would be a one-year adjustment to the 25-year needs.

## 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

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 six years, or may elect to continue the present procedure of taking their own counts and preparing their own traffic maps at five year intervals.
3. Some deviations from the present five-year counting cycle shall be permitted during the interim period of conversion to counting by State forces in the outstate area.