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1994 Municipal State Aid Needs Report



Patrick B. Murphy

"We're All in This Together!"

October, 1994

MINNESOTA DEPARTMENT OF TRANSPORTATION

STATE AID ENGINEER DIVISION DIRECTOR PATRICK B. MURPHY

Pat Murphy is MN/DOT's new State Aid Engineer, replacing Dennis Carlson who retired in early 1994. He is a 1959 Civil Engineering graduate of North Dakota University. During his professional career he has worked for the Federal Government (FHWA), two State DOT's (Minnesota and North Dakota), two cities (Robbinsdale and Kansas City, Missouri) and two counties (Carver and Hennepin). The last 27 years have been in Minnesota and have involved State Aid activities in city, county and state jurisdiction.

Pat has served in all offices, including President, of the Minnesota County Engineers Association and of the Minnesota Public Works Association. He has also served as Chairman of the County Screening Board.

"WE'RE ALL IN THIS TOGETHER"

October 1994

(612) 296-1662

TO : Municipal Engineers

SUBJECT : 1994 Municipal State Aid Needs Report

Gentlemen :

Enclosed is a copy of the 1994 Municipal State Aid Needs Report, which will be reviewed October 25, 26 & 27 by the Screening Board to make a final determination of the money needs.

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

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

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Ken Straus".

**Kenneth Straus
Municipal State Aid Needs Unit**

**Enclosures:
1994 Municipal State Aid Needs Report**

PREFACE

The "1994 Municipal State Aid Needs Report" is presented to the Municipal Screening Board for use in making their annual money needs recommendation to the Commissioner of Transportation.

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

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

Design is established by State Aid Standards based on traffic, and the money needs are calculated using the unit prices as determined by the Municipal Screening Board at their spring meeting in June, 1994.

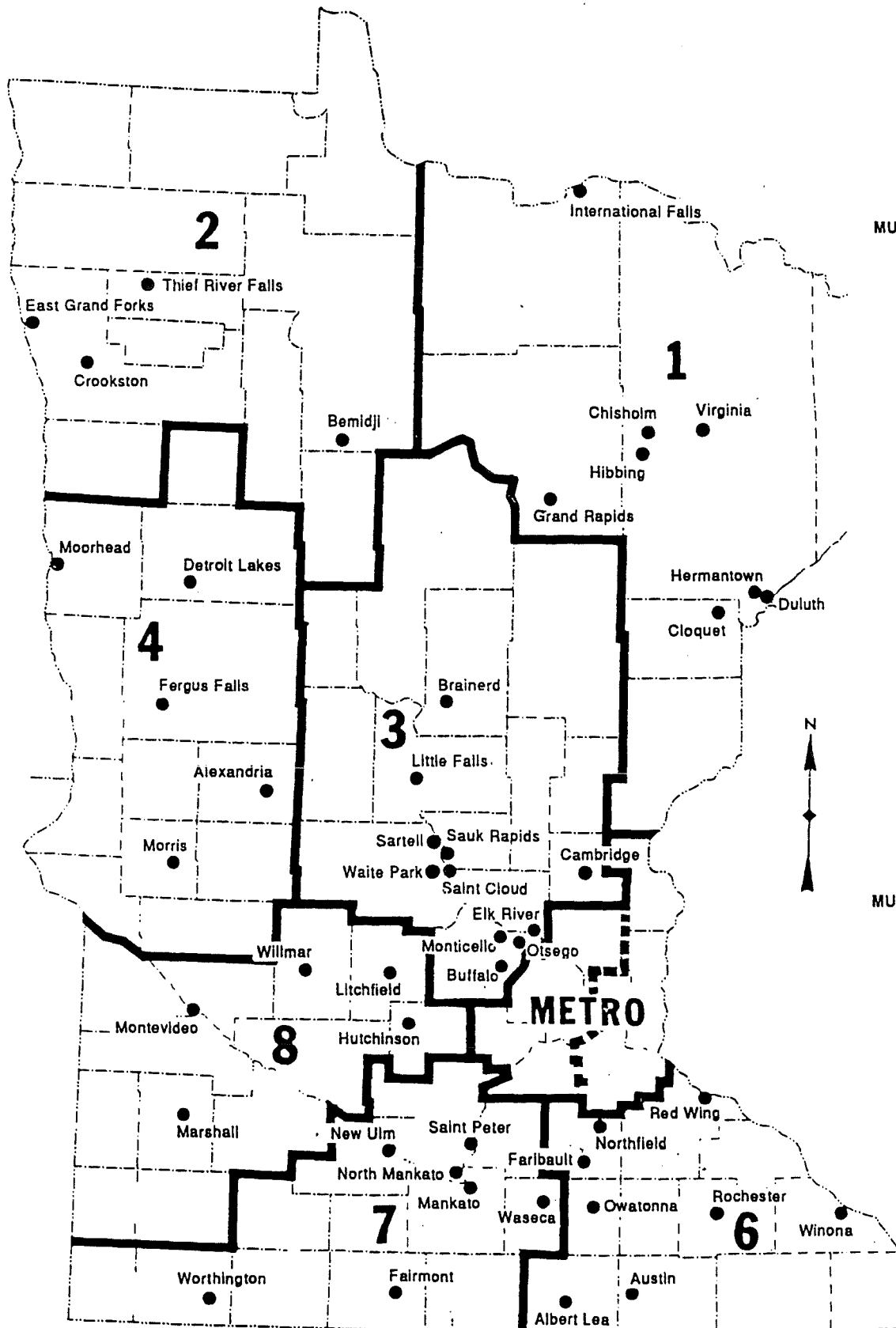
The 1990 Census data is combined with the Commissioner's final money needs determination and is the resulting 1995 allocation which will be reported in the "1995 Municipal State Aid Apportionment Data" to be published in January, 1995.

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**STATE OF MINNESOTA
HIGHWAY DISTRICTS AND MUNICIPALITIES
AS ESTABLISHED FOR STATE AID PURPOSES
1993**



**MUNICIPALITIES IN METRO-
GOLDEN VALLEY**

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

**MUNICIPALITIES IN METRO-
OAKDALE**

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

1994 MUNICIPAL SCREENING BOARD

OFFICERS

Chairman	Kenneth Larson	Duluth	(218) 723-3278
Vice Chairman	Dave Sonnenberg	Minnetonka	(612) 933-2511
Secretary	Dale Swanson	Willmar	(612) 235-4202

MEMBERS

<u>District</u>	<u>Served</u>	<u>Representative</u>		
1	3	Jim Prusak	Cloquet	(218) 879-6758
2	1	Don Boell	Bemidji	(218) 751-5610
3	1	Curt Kreklau	Buffalo	(612) 253-1000
4	3	Herb Reimer	Moorhead	(218) 299-5390
Metro-West	2	Larry Anderson	Prior Lake	(612) 447-4230
6	3	Arnold Putnam	Owatonna	(507) 451-4541
7	2	Ken Saffert	Mankato	(507) 387-8600
8	1	Richard Victor	Marshall	(507) 537-6774
Metro-East	2	Brian Bachmeier	Oakdale	(612) 739-5086
(Three Cities		Kenneth Larson	Duluth	(218) 723-3278
of the		Ramankutty Kannankutty	Minneapolis	(612) 673-2476
First Class)		Thomas Kuhfeld	St. Paul	(612) 266-6111
<u>District</u>		<u>Alternates</u>		
1		Dave Halter	Grand Rapids	(218) 327-2802
2		Gary Sanders	East Grand Forks	(218) 773-1185
3		Bret Weiss	Monticello	(612) 595-5705
4		Gary Nanson	Detroit Lakes	(218) 847-5607
Metro-West		Jack Bittle	Champlin	(612) 421-1955
6		William Malin	Winona	(507) 457-8269
7		Larry Read	Fairmont	(507) 238-9461
8		John Rodeberg	Hutchinson	(612) 587-5151
Metro-East		Dave Jessup	Woodbury	(612) 731-5791

1994 SUBCOMMITTEES

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

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

NEEDS STUDY SUBCOMMITTEE	UNENCUMBERED CONSTRUCTION FUNDS SUBCOMMITTEE
Ken Haider – Chairman Maplewood (612) 770-4552 Expires in 1994	Jim Grube – Chairman St. Louis Park (612) 924-2551 Expires in 1994
Sid Williamson Sartell (612) 251-6252 Expires in 1995	Dan Edwards Fergus Falls (218) 739-2251 Expires in 1995
Bill Ottensmann Coon Rapids (612) 755-2880 Expires in 1996	Alan Gray Eden Prairie (612) 949-8300 Expires in 1996

ALLOCATION STUDY SUBCOMMITTEE	
Jim Grube – St. Louis Park – Chairman	(612) 924-2551
Larry Anderson – Prior Lake	(612) 447-4230
Bruce Bullert – Savage	(612) 890-1045
Gerald Butcher – Maple Grove	(612) 420-4000
Tom Drake – Red Wing	(612) 227-6220
John Flora – Fridley	(612) 571-3450
Ramankutty Kannankutty – Minneapolis	(612) 673-2456
Tom Kuhfeld – St Paul	(612) 292-6276
Ken Larson – Duluth	(218) 723-3278
Bill Ottensmann – Coon Rapids	(612) 755-2880
Herb Reimer – Moorhead	(218) 299-5390

MUNICIPAL SCREENING COMMITTEE REPRESENTATIVES
Districts and First Class Cities

Year	1	2	3	4	5	6	7	8
1974	MADSEN Hibbing	SANDERS E. Gr. Forks	KNAPP	LARSON Detroit Lakes	STROJAN	BOLLANT Winona	OTTHMAN	CARLSON
1975	MADSEN	SANDERS	KNAPP	REIMER Moorhead	ASMUS Minnetonka	BOLLANT	MENK St. Peter	CARLSON
1976	BOYER	WIDSETH	KRIHA Brainerd	REIMER	ODLAND	ANDERSON Red Wing	MENK	ADEN Marshall
1977	PFUTZENREUTER Virginia	WIDSETH	KRIHA	RONNING Fergus Falls	ODLAND	ANDERSON	MENK	ADEN
1978	PFUTZENREUTER	WIDSETH	KRIHA	RONNING	BUTCHER Maple Grove	ANDERSON	PUTNAM New Ulm	ADEN
1979	PFUTZENREUTER	VENCEL Bemidji	ENGSTRON Little Falls	RONNING	BUTCHER	ANDERSON	PUTNAM	CARLSON
1980	MADSEN	VENCEL	ENGSTRON	REIMER	BUTCHER	LEUTH Owatonna	PUTNAM	CARLSON
1981	PFUTZENREUTER	WIDSETH	ENGSTRON	REIMER	ASMUS	LEUTH	ORTLOFF Waseca	CARLSON
1982	PFUTZENREUTER Virginia	FREEBERG Bemidji	DOLENTZ St. Cloud	BAKKEN Detroit Lakes	ASMUS	LEUTH	ORTLOFF	ADEN
1983	PRUSAK Cloquet	FREEBERG	DOLENTZ	BAKKEN	ASMUS	PLUMB Rochester	ORTLOFF	ADEN
1984	PRUSAK	FREEBERG	DOLENTZ	BAKKEN	RUDRUD Bloomington	PLUMB	MENK	ADEN
1985	PRUSAK	SANDERS	SCHWENINGER Brainerd	BAKKEN	RUDRUD	PLUMB	MENK	RODEBERG Montevideo
1986	BUSBY Hibbing	SANDERS	SCHWENINGER	EDWARDS Fergus Falls	RUDRUD	MURPHY Austin	MENK	RODEBERG
1987	BUSBY	SANDERS	SCHWENINGER	EDWARDS	OTTENSMANN Coon Rapids	MURPHY	HAFFIELD Worthington	RODEBERG
1988	BUSBY	WALKER Th River Falls	MAURER Elk River	EDWARDS	OTTENSMANN	MURPHY	HAFFIELD	BETTENDORF Litchfield
1989	DRAGISICH Virginia	WALKER	MAURER	MOEN Alexandria	OTTENSMANN	DRAKE Red Wing	HAFFIELD	BETTENDORF
1990	DRAGISICH	WALKER	MAURER	MOEN	EASTLING Richfield	DRAKE	MCCLURG New Ulm	BETTENDORF
1991	PRUSAK Cloquet	KILDAHL Crookston	WILLIAMSON Sauk Rapids	MOEN	EASTLING	DRAKE	MCCLURG	SWANSON Willmar
1992	PRUSAK	KILDAHL	WILLIAMSON	REIMER Moorhead	EASTLING	PUTNAM OWATONNA	MCCLURG	SWANSON
1993	PRUSAK	KILDAHL	WILLIAMSON	REIMER	ANDERSON Prior Lake	PUTNAM	SAFFERT Mankato	SWANSON
1994	PRUSAK	BOELL Bemidji	KREKLAU Buffalo	REIMER	ANDERSON	PUTNAM	SAFFERT	VICTOR Marshall

MUNICIPAL SCREENING COMMITTEE REPRESENTATIVES
Districts and First Class Cities

Year	9	Mpls.	St. Paul	Duluth	Chairman	Vice Chairman	Secretary
-----	-----	-----	-----	-----	-----	-----	-----
1974	THENE White Bear Lk.	SORENSEN	SCHNARR	DAVIDSON	CARLSON Willmar		MERILA Brooklyn Park
1975	THENE	SORENSEN	SCHNARR	DAVIDSON	JOHNSON Anoka		COOK Faribault
1976	DAVIDSON Inver Gr. Hgts.	SORENSEN	SCHNARR	DAVIDSON	MERILA Brooklyn Park		ASMUS Minnetonka
1977	DAVIDSON	SORENSEN	SCHNARR	DAVIDSON	COOK Faribault	ASMUS Minnetonka	THENE Wt. Br. Lk.
1978	HONCHELL Roseville	SMITH	WHEELER	DAVIDSON	ASMUS Minnetonka	THENE Wt. Br. Lk.	PRIEBE Hutchinson
1979	HONCHELL	SMITH	WHEELER	DAVIDSON	PRIEBE Hutchinson	ADEN Marshall	BAKER Mankato
1980	SIMON S. St. Paul	SMITH	WHEELER	DAVIDSON	ADEN Marshall	BAKER Mankato	HONCHELL Roseville
1981	KLEINSCHMIDT Inver Gr. Hgts.	SMITH	PETERSON	DAVIDSON	BAKER Mankato	HONCHELL Roseville	SIMON S. St. Paul
1982	KLEINSCHMIDT	HOSHAW	PETERSON	DAVIDSON	HONCHELL Roseville	SIMON S. St. Paul	REIMER Moorhead
1983	KLEINSCHMIDT	HOSHAW	PETERSON	DAVIDSON	SIMON S. St. Paul	REIMER Moorhead	SPURRIER Shakopee
1984	GATLIN White Bear Lk.	HOSHAW	PETERSON	BERG	REIMER Moorhead	SPURRIER Shakopee	ANDERSON Prior Lake
1985	GATLIN	HOSHAW	PETERSON	CARLSON	SPURRIER Shakopee	ANDERSON Prior Lake	SAFFERT Mankato
1986	GATLIN	HOSHAW	PETERSON	CARLSON	ANDERSON Prior Lake	SAFFERT Mankato	MOORE Plymouth
1987	SIGGERUD Burnsville	HOSHAW	KUHFELD	CARLSON	SAFFERT Mankato	MOORE Plymouth	RUDRUD Bloomington
1988	SIGGERUD	HOSHAW	KUHFELD	CARLSON	MOORE Plymouth	RUDRUD Bloomington	BULLERT Northfield
1989	SIGGERUD	HOSHAW	KUHFELD	LARSON	RUDRUD Bloomington	BULLERT Northfield	GRUBE St. Louis Park
1990	HAIDER Maplewood	HOSHAW	KUHFELD	LARSON	BULLERT Northfield	GRUBE St. Louis Park	EDWARDS Fergus Falls
1991	HAIDER	HOSHAW	KUHFELD	LARSON	GRUBE St. Louis Park	EDWARDS Fergus Falls	GRAY Eden Prairie
1992	HAIDER	HOSHAW	KUHFELD	LARSON	EDWARDS Fergus Falls	GRAY Eden Prairie	LARSON Duluth
1993	BACHMEIER Oakdale	SPURRIER	KUHFELD	LARSON	GRAY Eden Prairie	LARSON Duluth	SONNENBERG Minnetonka
1994	BACHMEIER	KANNANKUTTY	KUHFELD	LARSON	LARSON Duluth	SONNENBERG Minnetonka	SWANSON Willmar

MINUTES
SPRING MUNICIPAL STATE AID SCREENING COMMITTEE
JUNE 6, 1994

- I. The 1994 Spring Meeting of the Municipal Screening Board was called to order by Chairman Ken Larson at 1:12 p.m., Monday, June 6, 1994, at Madden's Resort, Brainerd, Minnesota. Chairman Larson then introduced Vice chairman Dave Sonnenberg of Minnetonka and Secretary Dale Swanson of Willmar. Secretary Swanson then called the roll. The following were present:

District 1	Jim Prusak	Cloquet
District 2	Don Boell	Bemidji
District 3	Curt Kreklau	Buffalo
District 4	Herb Reimer	Moorhead
Metro-West	Larry Anderson	Prior Lake
District 6	Arnold Putnam	Owatonna
District 7	Ken Saffert	Mankato
District 8	Richard Victor	Marshall
Metro-East	Brian Bachmeier	Oakdale
1st Class City	Kenneth Larson	Duluth
1st Class City	Ramankutty Kannankutty	Minneapolis
1st Class City	Thomas Kuhfeld	St. Paul

Also present were:

Patrick Murphy - State Aid Engineer
Julie Skallman - Assistant State Aid Engineer
Ken Hoeschen - Manager, County State Aid Needs Unit
Marshall Johnston - Acting Manager, Municipal State Aid Needs Unit
Bill Croke - District 1 State Aid Engineer
Luane Tasa - District 2 State Aid Engineer
Mike Tardy - District 3 State Aid Engineer
Tallack Johnson - District 4 State Aid Engineer
Mike Pinsonneault - District 6 State Aid Engineer
Doug Haeder - District 7 State Aid Engineer
Tom Behm - District 8 State Aid Engineer
Bob Brown - Acting Metro Division State Aid Engineer
Terry Lemke - Facilitator (Mn/DOT)
Dave Kreager - Duluth
Don Aluni - Minneapolis
Bo Spurrier - Minneapolis
Greg Peterson - St. Paul

- II. Chairman Larson reviewed the format for the meeting and defined the roll of Vice-Chairman Dave Sonnenberg as parliamentarian. Chairman Larson also explained that following the business meeting there would be a planning session to review the role of the committee. The session will be facilitated by Terry Lemke, Management Analyst for Mn/DOT.
- III. Chairman Larson asked for approval of the Fall 1993 minutes. Motion by Larry Anderson, second by Ramankutty Kannankutty to approve the Fall 1993 minutes. The motion passed.
- IV. Discussion of the minutes of the Needs Study Subcommittee was deferred until the review of the unit price recommendations.
- V. Marshall Johnston reviewed a letter dated June 2, 1994, from Jim Grube of the City of Saint Louis Park, Chairman of the Unencumbered Construction Fund Subcommittee (attached to these minutes). The survey referred to in the letter was discussed. It was noted that the balance had been reduced to 130% of the annual allotment.
- VI. No meeting of the Unencumbered Construction Fund Subcommittee has occurred since the Fall 1993 Screening Board.
- VII. No meeting of the Allocation Study Subcommittee has occurred since the Fall 1993 Screening Board.
- VIII. The Screening Board reviewed the Unit Price Recommendations of the Needs Study Subcommittee.

Marshall Johnston pointed out the following errors:

Page 41, District 6 totals should read as follows:

Total Quantity	Total Cost	Average Unit Price
27,687	\$579,980	\$20.95

Page 31 & 32 Metro West Bloomington prices for tree removal are per inch of diameter and not per tree.

Motion by Larry Anderson, second by Arnold Putnam to adopt the unit price recommendations with the above corrections. The motion passed.

- IX. The Board discussed the recommended resolution concerning One Way Street Mileage. (Page 73, June, 1994, Municipal Screening Board Data Booklet). Following discussion Ramankutty Kannankutty moved to introduce the following revised resolution, which was seconded by Herb Reimer:

One Way Street Mileage

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

Treat all one way streets between 26 feet and 49 feet wide as one half of the mileage as outlined in Rule ~~8820.0600~~ 8820.9940 and allow full complete needs, except that no more than one parking lane will be eligible to accrue needs.

When Trunk Highway or County Highway Turnback is used as part of a one way pair, mileage for certification shall only be included as Trunk Highway or County Turnback mileage and not as provided for in the preceding paragraph.

The resolution passed with all members voting aye.

Another recommendation for a resolution change (annual population adjustment) was referred to committees and will be considered by the State Aid Rules Committee.

Julie Skallman pointed out that the 5% portion of the gas tax, from which turnback funds come, among other things, is due to be reviewed by the legislature in 1995. It is reviewed every six years. The respective organizations should be prepared to address legislative concerns.

- X. The Board reviewed the request from the City of Mankato to convert various matched pairs of one way streets to half mileage status. The request was revised to conform to the newly passed resolution. The revision removed segment 010 of Cherry Street and segment 005 of Warren Street. Motion by Larry Anderson, second by Brian Bachmeier to approve the City of Mankato's request as revised. The motion passed with Ken Saffert abstaining.

The Board reviewed the request from the City of Minneapolis to convert various matched pairs of one way streets to half mileage status. Motion by Ken Saffert, second by Herb Reimer to approve the City of Minneapolis's request. The motion passed with Ramankutty Kannankutty abstaining.

The Board reviewed the request from the City of Moorhead to convert various matched pairs of one way streets to half mileage status. Motion by Ramankutty Kannankutty, second by Don Boell to approve the City of Moorhead's request. The motion passed with Herb Reimer abstaining.

- XI. Chairman Larson recognized Julie Skallman for her excellent work as Acting State Aid Engineer.
- XII. Newly appointed State Aid Engineer Pat Murphy addressed the Screening Board and guests. Mr. Murphy reviewed his background and indicated his willingness to work with city personnel and become involved in issues. He reminded the Board of the rules revision process and encouraged suggestions and input. He also emphasized the 5% gas tax issue to be reviewed by the legislature and the importance of being prepared to address the matter.
- XIII. Chairman Larson reviewed the schedule for the remaining meetings.

There being no further business to come before the Screening Board, a motion was made by Larry Anderson and seconded by Ramankutty Kannankutty to adjourn. The meeting was adjourned at 3:03 p.m.

1994 June Screening Board Planning Session

Following the official business meeting, the 1994 June Screening Board met Monday evening, June 6th and Tuesday morning, June 7th to review the purpose and direction of the Board by defining products, services and customers.

The Planning Meeting was facilitated by Terry Lemke, Mn/DOT Management Analyst.

Issues identified for resolution were:

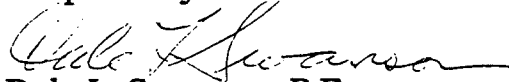
- Constraints on use of State-Aid moneys
- Influence on revenue legislation
- Promotion of understanding of authority
- Unencumbered construction fund balance

The issue determined to be the highest priority was constraints on the use of moneys.

Minutes - Spring Municipal State Aid Screening Committee (6-6-94)
Page Five

Action steps, responsibilities and time frames were reviewed. The process will continue at the Fall 1994 Screening Board Meeting.

Respectfully submitted:

A handwritten signature in cursive script, appearing to read "Dale L. Swanson".

Dale L. Swanson, P.E.
Screening Board Secretary

Attachment

NEEDS, MILEAGE, AND APPORTIONMENT

The amount to be allocated in 1995 is unknown at this time so an estimated amount of \$ 80,787,856 is used in this report. This a similar amount that was used for the 1994 apportionment. The actual amount will be announced in January 1995 when the Commissioner of Transportation makes a determination of the 1995 apportionment.

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

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

M.S.A.S. Mileage, Needs and Apportionment 1958 to 1995

Appt. Year	Number of Municipalities	Needs Mileage	Actual 25 Year Apport-ment Needs	Total Apport-ment	Adjusted 25 Year Apport-ment Needs	Total Apport-ment Per Needs Mileage	Apport-ment Per \$1000 of Adjusted Needs
1958	58	920.40	\$190,373,337	\$7,286,074	190,373,337	\$7,916.20	\$19.136
1959	59	938.36	195,749,800	8,108,428	195,749,800	8,641.06	20.711
1960	59	968.82	197,971,488	8,370,596	197,971,488	8,639.99	21.140
1961	77	1131.78	233,276,540	9,185,862	233,833,072	8,116.30	19.641
1962	77	1140.83	223,014,549	9,037,698	225,687,087	7,922.04	20.022
1963	77	1161.06	221,458,428	9,451,125	222,770,204	8,140.08	21.212
1964	77	1177.11	218,487,546	10,967,128	221,441,346	9,317.00	24.763
1965	77	1208.81	218,760,538	11,370,240	221,140,776	9,406.14	25.708
1966	80	1271.87	221,992,032	11,662,274	224,052,248	9,169.39	26.025
1967	80	1309.93	212,065,299	12,442,900	213,872,131	9,498.90	29.089
1968	84	1372.36	214,086,481	14,287,775	215,508,764	10,411.10	33.148
1969	85	1405.35	209,186,115	15,121,277	210,605,545	10,759.79	35.899
1970	86	1427.59	205,103,981	16,490,064	206,350,399	11,550.98	39.956
1971	85	1427.41	204,854,564	18,090,833	204,327,997	12,673.89	44.269
1972	92	1490.86	216,734,617	18,338,440	217,235,062	12,300.58	42.208
1973	92	1557.31	311,183,279	18,648,610	309,052,410	11,974.89	30.170
1974	92	1574.52	324,787,253	21,728,373	321,833,693	13,800.00	34.067
1975	99	1629.30	419,869,718	22,841,302	418,577,904	14,019.09	27.284
1976	99	1696.56	448,678,585	22,793,386	444,038,715	13,435.06	25.666
1977	101	1748.55	488,779,846	27,595,966	483,467,326	15,782.20	28.539
1978	101	1768.90	494,433,948	27,865,892	490,165,460	15,753.23	28.378
1979	104	1839.51	529,996,431	30,846,555	523,460,762	16,768.90	29.418
1980	106	1889.03	623,880,689	34,012,618	609,591,579	18,005.34	27.860
1981	106	1913.57	695,487,179	35,567,962	695,478,283	18,587.23	25.544
1982	109	1995.74	712,299,816	42,032,978	699,123,117	21,061.35	30.031
1983	109	2041.94	651,035,697	46,306,272	631,661,710	22,677.59	36.632
1984	109	2066.80	641,783,969	48,735,190	619,497,928	23,580.02	39.313
1985	110	2121.49	624,641,459	56,875,174	595,839,910	26,809.07	47.714
1986	107	2139.42	552,944,830	59,097,819	543,890,225	27,623.29	54.301
1987	107	2148.07	551,850,149	53,101,745	541,972,837	24,720.68	48.973
1988	108	2164.99	555,994,519	58,381,022	529,946,820	26,965.95	55.058
1989	109	2205.05	586,716,169	76,501,442	588,403,918	34,693.74	64.977
1990	112	2265.64	969,735,729	81,517,107	969,162,426	35,979.73	41.990
1991	113	2330.30	1,289,813,259	79,773,732	1,240,127,592	34,233.25	32.105
1992	116	2376.79	1,374,092,030	81,109,752	1,330,349,165	34,125.75	30.415
1993	116	2410.53	1,458,214,849	82,954,222	1,385,096,428	34,413.27	29.891
1994	117	2471.04	1,547,661,937	80,787,856	1,502,960,398	32,693.87	26.826
1995	117	2509.20	1,573,802,200	80,787,856	1,531,978,325	32,196.66	26.318

The 1995 apportionment amount used in this report is the same as the 1994 apportionment.

MSAS NEEDS MILEAGE COMPARISON

Municipality	1993 M.S.A.S. Needs Mileage	1994 M.S.A.S. Needs Mileage	Difference In Mileage	Municipality	1993 M.S.A.S. Needs Mileage	1994 M.S.A.S. Needs Mileage	Difference In Mileage
Albert Lea	18.65	18.65	0.00	Fergus Falls	13.65	13.74	0.09
Alexandria	12.08	12.94	0.86	Forest Lake	3.69	3.69	0.00
Andover	30.90	30.90	0.00	Fridley	24.98	24.92	-0.06
Anoka	11.89	11.89	0.00	Golden Valley	23.67	23.38	-0.29
Apple Valley	29.36	29.36	0.00	Grand Rapids	10.36	11.36	1.00
Arden Hills	5.41	5.41	0.00	Ham Lake	19.97	20.93	0.96
Austin	22.84	22.84	0.00	Hastings	14.45	14.45	0.00
Bemidji	14.36	14.36	0.00	Hermantown	12.99	12.99	0.00
Blaine	32.00	31.73	-0.27	Hibbing	50.60	50.70	0.10
Bloomington	73.88	73.88	0.00	Hopkins	9.35	9.41	0.06
Brainerd	14.30	14.30	0.00	Hutchinson	11.16	11.16	0.00
Brooklyn Center	21.30	21.30	0.00	International Falls	7.88	8.06	0.18
Brooklyn Park	38.45	38.45	0.00	Inver Grove Heights	19.03	19.81	0.78
Buffalo	5.82	7.58	1.76	Lake Elmo	9.53	9.53	0.00
Burnsville	43.67	43.67	0.00	Lakeville	36.82	38.37	1.55
Cambridge	5.49	5.49	0.00	Lino Lakes	15.70	15.59	-0.11
Champlin	15.16	15.14	-0.02	Litchfield	7.83	7.83	0.00
Chanhassen	18.54	18.54	0.00	Little Canada	5.30	5.30	0.00
Chaska	12.32	12.32	0.00	Little Falls	13.77	13.77	0.00
Chisholm	6.93	6.93	0.00	Mahtomedi	4.78	4.55	-0.23
Cloquet	18.02	18.05	0.03	Mankato	25.94	25.94	0.00
Columbia Heights	11.65	11.65	0.00	Maple Grove	37.87	40.18	2.31
Coon Rapids	38.51	40.68	2.17	Maplewood	18.87	19.18	0.31
Corcoran	13.81	13.72	-0.09	Marshall	10.22	12.39	2.17
Cottage Grove	28.04	28.04	0.00	Mendota Heights	11.66	11.66	0.00
Crookston	10.84	10.91	0.07	Minneapolis	187.15	191.83	4.68
Crystal	17.88	17.88	0.00	Minnetonka	49.70	49.68	-0.02
Detroit Lakes	9.01	9.54	0.53	Montevideo	8.01	8.01	0.00
Duluth	90.30	90.34	0.04	Monticello	5.99	5.99	0.00
Eagan	42.47	42.47	0.00	Moorhead	25.47	28.46	2.99
East Bethel	22.64	24.13	1.49	Morris	6.45	6.66	0.21
East Grand Forks	10.82	10.82	0.00	Mound	8.01	8.01	0.00
Eden Prairie	37.61	37.59	-0.02	Mounds View	7.24	8.54	1.30
Edina	38.95	39.36	0.41	New Brighton	13.46	13.42	-0.04
Elk River	22.67	24.01	1.34	New Hope	12.37	12.37	0.00
Fairmont	17.38	19.32	1.94	New Ulm	14.13	14.13	0.00
Falcon Heights	2.54	2.54	0.00	Northfield	10.11	11.25	1.14
Faribault	18.76	20.89	2.13	North Mankato	10.15	11.48	1.33
Farmington	7.31	8.31	1.00	North St. Paul	8.14	8.14	0.00

Municipality	1993 M.S.A.S. Needs Mileage	1994 M.S.A.S. Needs Mileage	Difference In Mileage
Oakdale	14.78	14.78	0.00
Oak Grove	16.55	17.97	1.42
Orono	11.44	11.44	0.00
Otsego	12.90	12.90	0.00
Owatonna	17.51	17.51	0.00
Plymouth	46.33	46.20	-0.13
Prior Lake	13.08	13.08	0.00
Ramsey	28.20	28.62	0.42
Red Wing	21.11	21.61	0.50
Richfield	26.17	26.21	0.04
Robbinsdale	10.34	10.33	-0.01
Rochester	48.79	48.43	-0.36
Rosemount	17.41	17.41	0.00
Roseville	22.78	22.78	0.00
St. Anthony	5.18	5.18	0.00
St. Cloud	35.09	35.09	0.00
St. Louis Park	25.73	25.73	0.00
St. Paul	156.91	156.91	0.00
St. Peter	9.59	10.59	1.00
Sartell	4.00	4.79	0.79
Sauk Rapids	8.73	8.01	-0.42
Savage	13.67	13.67	0.00
Shakopee	16.05	16.17	0.12
Shoreview	13.93	13.93	0.00
Shorewood	9.29	9.29	0.00
South St. Paul	14.33	14.33	0.00
Spring Lake Park	4.98	5.24	0.26
Stillwater	12.84	12.80	-0.04
Thief River Falls	11.45	11.45	0.00
Vadnais Heights	6.49	6.77	0.28
Virginia	12.33	12.33	0.00
Waite Park	4.46	4.46	0.00
Waseca	6.31	6.31	0.00
West St. Paul	11.62	12.12	0.50
White Bear Lake	18.34	18.34	0.00
Willmar	23.30	23.30	0.00
Winona	19.62	19.62	0.00
Woodbury	30.60	30.60	0.00
Worthington	9.80	9.81	0.01
TOTAL	2471.04	2509.20	38.16

Theoretical 1995 M.S.A.S. Population Apportionment

The 1990 Federal Census is used in determining the city's Population

Apportionment. Adjustments to the population total due to a special U.S. Census shall remain in effect until the next Federal Census is completed and filed.

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

The following cities population was adjusted due to annexations or detachments.

Bemidji + 4

Litchfield + 49

Waite Park + 6

The final population data will be certified December 31, 1994 by the State Demographer and the actual apportionment sum available to urban municipalities in 1995 will be provided by the Office of Finance and Accounting in January of 1995.

Fifty percent of the total sum is distributed on a prorated share that each city population bears to the total population. Each city earned approximately \$14.32 per capita in apportionment from the 1994 population apportionment distribution. This projection will be somewhat revised when the actual revenue for the 1995 apportionment becomes available or if additional cities should exceed 5,000 population prior to January 1, 1995.

THEORETICAL 1995 POPULATION APPORTIONMENT

(The allocation per each person equals approximately \$14.32)

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

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

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

Municipalities	Population	Population Apportionment
Albert Lea	18,310	\$262,150
Alexandria	8,029	114,954
Andover	15,216	217,852
Anoka	17,192	246,143
Apple Valley	34,598	495,350
Arden Hills	9,199	131,705
Austin	21,926	313,921
Bemidji	11,169	159,910
Blaine	38,975	558,017
Bloomington	86,335	1,236,085
Brainerd	12,353	176,862
Brooklyn Center	28,887	413,584
Brooklyn Park	56,381	807,224
Buffalo	6,856	98,159
Burnsville	51,288	734,306
Cambridge	5,098	72,990
Champlin	16,849	241,232
Chanhassen	11,736	168,028
Chaska	11,339	162,344
Chisholm	5,290	75,739
Cloquet	10,885	155,844

Municipalities	Population	Population Apportionment
Columbia Heights	18,910	\$270,740
Coon Rapids	52,978	758,502
Corcoran	5,199	74,436
Cottage Grove	22,935	328,368
Crookston	8,119	116,242
Crystal	23,788	340,580
Detroit Lakes	7,145	102,297
Duluth	85,493	1,224,030
Eagan	47,409	678,769
East Bethel	8,050	115,254
East Grand Forks	8,658	123,959
Eden Prairie	39,311	562,828
Edina	46,075	659,670
Elk River	11,143	159,538
Fairmont	11,265	161,284
Falcon Heights	5,380	77,027
Faribault	17,090	244,683
Farmington	5,940	85,045
Fergus Falls	12,362	176,991
Forest Lake	6,008	86,018
Fridley	28,335	405,681
Golden Valley	20,971	300,248
Grand Rapids	7,976	114,195
Ham Lake	8,924	127,768
Hastings	15,478	221,603
Hermantown	6,761	96,799
Hibbing	18,046	258,370
Hopkins	16,529	236,651
Hutchinson	11,459	164,062
International Falls	8,301	118,848
Inver Grove Heights	22,477	321,810
Lake Elmo	5,874	84,100
Lakeville	24,854	355,842
Lino Lakes	8,807	126,093
Litchfield	6,090	87,192
Little Canada	8,971	128,441

Municipalities	Population	Population Apportionment
Little Falls	7,371	\$105,533
Mahtomedi	5,633	80,649
Mankato	31,405	449,635
Maple Grove	38,736	554,595
Maplewood	30,954	443,178
Marshall	12,023	172,137
Mendota Heights	9,388	134,411
Minneapolis	368,383	5,274,254
Minnetonka	48,370	692,528
Montevideo	5,499	78,731
Monticello	5,045	72,231
Moorhead	32,295	462,378
Morris	5,613	80,363
Mound	9,634	137,933
Mounds View	12,541	179,553
New Brighton	22,207	317,945
New Hope	21,853	312,876
New Ulm	13,132	188,015
Northfield	14,684	210,235
North Mankato	10,662	152,651
North St. Paul	12,376	177,191
Oak Grove	5,488	78,573
Oakdale	18,403	263,481
Orono	7,285	104,302
Otsego	5,219	74,722
Owatonna	19,386	277,555
Plymouth	50,889	728,594
Prior Lake	11,482	164,391
Ramsey	12,408	177,649
Red Wing	15,134	216,678
Richfield	35,710	511,271
Robbinsdale	14,396	206,112
Rochester	70,981	1,016,257
Rosemount	8,622	123,444
Roseville	33,485	479,415
St. Anthony	7,727	110,630

Municipalities	Population	Population Apportionment
St. Cloud	48,812	\$698,857
St. Louis Park	43,787	626,912
St. Paul	272,235	3,897,673
St. Peter	9,481	135,742
Sartell	5,409	77,442
Sauk Rapids	7,823	112,004
Savage	9,906	141,827
Shakopee	11,739	168,071
Shoreview	24,587	352,020
Shorewood	5,913	84,658
South St. Paul	20,197	289,167
Spring Lake Park	6,532	93,521
Stillwater	13,882	198,753
Thief River Falls	8,010	114,682
Vadnais Heights	11,041	158,077
Virginia	9,410	134,726
Waite Park	5,032	72,045
Waseca	8,385	120,051
West St. Paul	19,248	275,580
White Bear Lake	24,622	352,521
Willmar	17,531	250,997
Winona	25,435	364,161
* Woodbury	26,900	385,136
Worthington	9,977	142,846
TOTAL	2,821,335	\$40,393,928

* 1993 Special Census

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

$$\begin{array}{rcl}
 & \$40,393,928 & \\
 \hline
 & 2,821,335 & \text{Equals} \quad \$14.317310068 \text{ per person}
 \end{array}$$

1994 Needs Study Update

The following tabulation reflects the total difference between the 1993 and the 1994 25-year money needs studies. This update was accomplished in three individual steps to measure the effect each type of revision has to the total needs.

- 1. Accomplishments and system revisions -- includes needs updating and needs of new designations for which resolutions were received by May 1.**
- 2. 1994 Unit Cost Revisions -- measures the effect between last years unit prices to the unit prices approved by the Screening Board at the 1994 Spring Meeting.**
- 3. 1994 Traffic Count Update -- is the result of the 1992 and 1993 traffic counts updated in 1994. Additional traffic counts will be updated before the 1995 Apportionment.**

Revisions were made to the following needs study unit prices:

Bituminous Base 2331	- \$	1.00 per ton
Bituminous Surface 2331	- \$	1.00 per ton
Bituminous Surface 2341	- \$	1.00 per ton
Bituminous Surface 2361	- \$	2.00 per ton
Sidewalk Construction	+ \$	1.00 per sq. yd.
Storm Sewer Construction	+ \$	10,500 per mile
Storm Sewer Adjustment	+ \$	3,100 per mile
Storm Drainage - Rural	+ \$	1,000 per mile
Signs	+ \$	200 per unit
Rubberized Material	- \$	250 per lin. ft.

The resulting 1994 25-year Construction Needs as adjusted in the "Tentative Determination of Money Needs Apportionment " will be used in computing the 1995 money needs apportionment.

1994 M.S.A. S. NEEDS STUDY UPDATE

Municipality	1993 Money Needs	Traffic Update	Accomplish. & System Revisions	Unit Cost Update	1994 Money Needs	Net Change	% Change 1993 to 1994
Albert Lea	\$11,349,163	\$0	(\$66,657)	(\$201,733)	\$11,080,773	(\$268,390)	-2.3648
Alexandria	7,629,587	0	(640,133)	5,774	6,995,228	(634,359)	-8.3145
Andover	13,786,813	(12,845)	(690,123)	179,026	13,262,871	(523,942)	-3.8003
Anoka	5,830,892	0	154,477	45,071	6,030,440	199,548	3.4223
Apple Valley	14,207,905	(14,354)	(608,308)	2,943	13,588,186	(619,719)	-4.3618
Arden Hills	2,522,728	0	437,357	20,112	2,980,197	457,469	18.1339
Austin	16,914,365	(60,556)	17,317	(49,620)	16,821,506	(92,859)	-0.5490
Bemidji	8,877,501	0	(289,179)	(72,258)	8,516,064	(361,437)	-4.0714
Blaine	19,149,001	71,058	(603,335)	119,726	18,736,450	(412,551)	-2.1544
Bloomington	59,897,078	0	2,117,970	(641,585)	61,373,463	1,476,385	2.4649
Brainerd	5,691,014	0	365,384	(37,666)	6,018,732	327,718	5.7585
Brooklyn Center	12,746,848	0	(74,222)	(76,700)	12,595,926	(150,922)	-1.1840
Brooklyn Park	17,943,776	306,180	0	(60,752)	18,189,204	245,428	1.3678
Buffalo	4,363,254	113,484	1,259,864	(32,386)	5,704,216	1,340,962	30.7331
Burnsville	19,293,742	(145,300)	831,558	(148,979)	19,831,021	537,279	2.7847
Cambridge	4,424,816	0	(242,349)	28,192	4,210,659	(214,157)	-4.8399
Champlin	5,500,344	131,736	180,022	60,174	5,872,276	371,932	6.7620
Chanhassen	12,335,281	15,048	(1,901,499)	(3,917)	10,444,913	(1,890,368)	-15.3249
Chaska	9,764,929	0	(556,210)	49,684	9,258,403	(506,526)	-5.1872
Chisholm	3,685,549	0	0	28,171	3,713,720	28,171	0.7644
Cloquet	11,698,170	0	(670,769)	442,479	11,469,880	(228,290)	-1.9515
Columbia Heights	7,480,114	0	20,849	(292,395)	7,208,568	(271,546)	-3.6302
Coon Rapids	16,256,984	99,534	1,743,787	(110,002)	17,990,303	1,733,319	10.6620
Corcoran	5,640,601	0	204,691	(10,703)	5,834,589	193,988	3.4391
Cottage Grove	16,191,923	248,960	147,221	79,723	16,667,827	475,904	2.9391
Crookston	10,531,008	0	142,303	25,714	10,699,025	168,017	1.5955
Crystal	13,019,286	0	(533,898)	40,739	12,526,127	(493,159)	-3.7879

Municipality	1993 Money Needs	Traffic Update	Accomplish. & System Revisions	Unit Cost Update	1994 Money Needs	Net Change	% Change 1993 to 1994
Detroit Lakes	\$3,774,694	(\$15,062)	\$299,809	(\$53,873)	\$4,005,568	\$230,874	6.1164
Duluth	64,250,524	0	(1,005,802)	(212,208)	63,032,514	(1,218,010)	-1.8957
Eagan	14,732,198	(243,331)	5,875,520	478,990	20,843,377	6,111,179	41.4818
East Bethel	3,880,829	0	3,596,672	71,957	7,549,458	3,668,629	94.5321
East Grand Forks	4,219,952	0	0	(89,011)	4,130,941	(89,011)	-2.1093
Eden Prairie	21,885,930	(112,054)	(235,144)	(207,559)	21,331,173	(554,757)	-2.5348
Edina	21,240,426	0	932,905	(206,874)	22,066,457	826,031	3.8890
Elk River	10,613,771	0	3,185,288	66,667	14,065,726	3,451,955	32.5234
Fairmont	16,397,698	0	2,099,157	12,358	18,509,213	2,111,515	12.8769
Falcon Heights	368,723	0	256,577	11,516	636,816	268,093	72.7085
Faribault	12,328,711	0	1,708,208	(493,451)	13,543,468	1,214,757	9.8531
Farmington	5,739,951	0	1,262,121	50,035	7,052,107	1,312,156	22.8601
Fergus Falls	8,472,895	0	618,271	(214,586)	8,876,580	403,685	4.7644
Forest Lake	2,563,821	0	(5,900)	19,669	2,577,590	13,769	0.5370
Fridley	10,003,639	0	(383,207)	(240,374)	9,380,058	(623,581)	-6.2335
Golden Valley	13,857,204	(330,511)	(488,609)	(363,859)	12,674,225	(1,182,979)	-8.5369
Grand Rapids	5,023,545	0	817,916	(297,471)	5,543,990	520,445	10.3601
Ham Lake	3,640,413	(6,388)	270,374	(30,818)	3,873,581	233,168	6.4050
Hastings	5,970,391	0	0	431	5,970,822	431	0.0072
Hermantown	5,862,482	0	(669,874)	9,939	5,202,547	(659,935)	-11.2569
Hibbing	22,016,838	0	9,909	(26,088)	22,000,659	(16,179)	-0.0735
Hopkins	6,814,101	0	296,149	(8,223)	7,102,027	287,926	4.2254
Hutchinson	7,817,479	0	(163,085)	(728,695)	6,925,699	(891,780)	-11.4075
International Falls	4,634,621	(2,477)	(91,830)	22,294	4,562,608	(72,013)	-1.5538
Inver Grove Heights	8,164,716	(113,142)	424,932	40,234	8,516,740	352,024	4.3115
Lake Elmo	2,960,695	0	(353,727)	6,172	2,613,140	(347,555)	-11.7390
Lakeville	20,837,362	0	2,090,941	(165,544)	22,762,759	1,925,397	9.2401
Lino Lakes	8,271,927	0	(1,139,361)	16,504	7,149,070	(1,122,857)	-13.5743
Litchfield	4,826,951	0	102,122	64,509	4,993,582	166,631	3.4521
Littleton	2,525,742	0	0	10,863	2,546,612	10,863	0.2072

Municipality	1993 Money Needs	Traffic Update	Accomplish. & System Revisions	Unit Cost Update	1994 Money Needs	Net Change	% Change 1993 to 1994
Little Falls	\$6,574,402	\$0	(\$17,637)	\$23,290	\$6,580,055	\$5,653	0.0860
Mahtomedi	1,912,350	0	(188,001)	12,909	1,737,258	(175,092)	-9.1559
Mankato	18,642,646	0	744,005	591,702	19,978,353	1,335,707	7.1648
Maple Grove	23,673,118	(631,736)	2,575,542	(105,427)	25,511,497	1,838,379	7.7657
Maplewood	11,848,641	486,786	(267,210)	(41,069)	12,027,148	178,507	1.5066
Marshall	3,086,240	0	3,097,163	374,916	6,558,319	3,472,079	112.5019
Mendota Heights	4,801,793	0	11,682	(21,235)	4,792,240	(9,553)	-0.1989
Minneapolis	189,487,839	0	4,147,565	(1,377,340)	192,258,064	2,770,225	1.4620
Minnetonka	27,578,105	38,820	(640,426)	32,957	27,009,456	(568,649)	-2.0620
Montevideo	4,097,702	10,131	74,566	28,367	4,210,766	113,064	2.7592
Monticello	3,537,926	(819)	0	8,481	3,545,588	7,662	0.2166
Moorhead	14,532,893	0	5,592,314	(191,030)	19,934,177	5,401,284	37.1659
Morris	2,398,881	0	146,760	(577)	2,545,064	146,183	6.0938
Mound	3,540,826	0	4,131	(89,387)	3,455,570	(85,256)	-2.4078
Mounds View	2,221,792	0	574,812	(34,868)	2,761,736	539,944	24.3022
New Brighton	7,156,393	0	141,064	(514,669)	6,782,788	(373,605)	-5.2206
New Hope	9,311,175	0	0	(84,177)	9,226,998	(84,177)	-0.9040
New Ulm	7,910,226	0	12,832	(378,897)	7,544,161	(366,065)	-4.6277
Northfield	7,294,682	0	170,177	(34,421)	7,430,438	135,756	1.8610
North Mankato	5,723,508	0	632,338	(17,561)	6,338,285	614,777	10.7413
North St. Paul	3,827,764	0	2,139	(14,451)	3,815,452	(12,312)	-0.3216
Oakdale	8,091,277	40,930	(652,980)	(337,764)	7,141,463	(949,814)	-11.7387
Oak Grove	6,934,701	0	76,091	443,535	7,454,327	519,626	7.4931
Orono	9,236,358	0	0	111,247	9,347,605	111,247	1.2044
Otsego	8,339,553	(102,155)	(392,088)	90,422	7,935,732	(403,821)	-4.8422
Owatonna	12,261,181	0	(191,086)	(163,238)	11,906,857	(354,324)	-2.8898
Plymouth	25,111,774	(86,762)	(1,870,202)	(10,716)	23,144,094	(1,967,680)	-7.8357
Prior Lake	7,455,258	0	(45,867)	72,651	7,482,042	26,784	0.3593
Ramsey	10,133,261	0	591,111	105,652	10,830,024	696,763	6.8760
Red Wing	14,171,109	0	503,799	(31,272)	14,643,636	472,527	3.3344

Municipality	1993 Money Needs	Traffic Update	Accomplish. & System Revisions	Unit Cost Update	1994 Money Needs	Net Change	% Change 1993 to 1994
Richfield	\$18,043,540	\$0	(\$2,162,204)	(\$202,681)	\$15,678,655	(\$2,364,885)	-13.1065
Robbinsdale	5,422,718	0	(4,734)	(106,708)	5,311,276	(111,442)	-2.0551
Rochester	35,748,017	0	(919,282)	(545,254)	34,283,481	(1,464,536)	-4.0968
Rosemount	10,597,472	0	(361,332)	199,623	10,435,763	(161,709)	-1.5259
Roseville	7,472,956	0	(500,937)	(406,547)	6,565,472	(907,484)	-12.1436
St. Anthony	3,154,367	0	287,356	15,179	3,456,902	302,535	9.5910
St. Cloud	16,522,892	0	199,792	(259,737)	16,462,947	(59,945)	-0.3628
St. Louis Park	13,932,511	(162,905)	(31,485)	(162,582)	13,575,539	(356,972)	-2.5622
St. Paul	158,248,403	0	3,185,770	118,133	161,552,306	3,303,903	2.0878
St. Peter	6,330,506	0	241,225	33,590	6,605,321	274,815	4.3411
Sartell	2,775,433	0	347,300	48,695	3,171,428	395,995	14.2679
Sauk Rapids	4,853,345	0	(485,592)	(17,362)	4,350,391	(502,954)	-10.3630
Savage	12,424,411	(44,854)	0	21,270	12,400,827	(23,584)	-0.1898
Shakopee	9,287,710	0	(1,229,117)	(29,040)	8,029,553	(1,258,157)	-13.5465
Shoreview	4,147,253	(31,193)	13,215	(6,487)	4,122,788	(24,465)	-0.5899
Shorewood	5,751,141	0	0	63,981	5,815,122	63,981	1.1125
South St. Paul	7,661,304	0	(233,059)	(14,105)	7,414,140	(247,164)	-3.2261
Spring Lake Park	1,955,725	0	141,452	(4,211)	2,092,966	137,241	7.0174
Stillwater	7,666,507	0	(1,002,055)	(48,405)	6,616,047	(1,050,460)	-13.7019
Thief River Falls	7,653,970	0	514,336	3,337	8,171,643	517,673	6.7635
Vadnais Heights	2,253,100	0	(46,979)	1,293	2,207,414	(45,686)	-2.0277
Virginia	7,364,596	0	(346,540)	(109,368)	6,908,688	(455,908)	-6.1905
Waite Park	3,138,049	0	(189,813)	(36,588)	2,911,648	(226,401)	-7.2147
Waseca	1,949,336	0	649,877	(8,733)	2,590,480	641,144	32.8904
West St. Paul	4,615,474	0	1,124,909	4,948	5,745,331	1,129,857	24.4798
White Bear Lake	10,073,915	0	(364,621)	65,113	9,774,407	(299,508)	-2.9731
Willmar	10,795,313	0	(318,839)	(106,826)	10,369,648	(425,665)	-3.9431
Winona	11,369,464	0	(599,029)	(138,877)	10,631,558	(737,906)	-6.4902
Woodbury	28,051,209	0	77,865	23,043	28,152,117	100,908	0.3597
Worthington	6,067,018	0	(214,783)	(42,760)	5,809,475	(257,543)	-4.2450
TOTAL	\$1,547,661,937	(\$553,777)	\$32,961,740	(\$6,267,700)	\$1,573,802,200	\$26,140,263	1.6890

1994 Itemized Tabulation of Needs

The 1994 apportionment needs reflects an increase due to the updating of needs, new designations and increase in some unit prices. See the 1994 June Screening Board minutes or the Resolutions for 1994 needs unit prices.

The 1994 itemized tabulation of needs on the following page shows all the construction items except the "after the fact needs" used in the Municipal State Aid Needs Study. The tabulation is provided to give each municipality the opportunity to compare their needs of the individual construction items to that of other cities. The cost per mile shown on this report does not include bridges and 18% of the engineering cost applied to the bridges because large bridges in some cities distort the average. The average is a more comparable cost for roadway construction cost per mile without bridges.

The overall average cost per mile is \$545,082. Ham Lake has the lowest cost per mile with \$185,073 while Fairmont has the highest cost with \$934,804 per mile.

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

1994 ITEM BY ITEM TABULATION OF NEEDS

MUNICIPALITY	GRADING	COMPLETE STORM SEWER	STORM SEWER ADJUSTMENT	BASE	SURFACE	SHOULDER	CURB AND GUTTER	SIDEWALK	SIGNALS	LIGHTING	RETAINING WALLS	BRIDGES	RAILROAD CROSSINGS	ENGINEERING	MAINTENANCE	NEEDS	MILEAGE	COST PER MILE	
ALBERT LEA	\$1,570,260	\$240,315	\$636,779	\$1,742,342	\$1,645,343	\$10,206	\$530,948	\$714,448	\$565,200	\$373,000	\$39,000	\$175,107	\$1,042,300	\$1,671,345	\$124,180	\$11,080,773	18.65	\$584,754	
ALEXANDRIA	727,382	729,605	265,716	1,157,484	1,235,477	322	439,159	651,872	392,400	258,800				1,054,480	82,531	6,995,228	12.94	540,589	
ANDOVER	597,207	2,801,510		1,060,776	1,898,007	44,191	732,679	2,586,448	725,800	618,000			80,750	2,006,165	111,338	13,262,871	30.90	429,219	
ANOKA	622,122	1,229,720	19,459	628,122	945,341		458,124	622,112	288,800	237,800				909,282	69,558	6,030,440	11.89	507,186	
APPLE VALLEY	994,437	1,576,120	329,461	1,704,842	2,496,770		668,197	1,549,792	1,361,000	587,200	82,000			2,042,968	195,399	13,588,186	29.36	462,813	
ARDEN HILLS	191,104	530,425	14,762	308,773	351,377		95,985	413,728	232,600	108,200	110,080		164,750	450,318	28,115	2,980,197	5.41	550,868	
AUSTIN	2,515,201	710,120	374,418	1,851,850	1,978,429		703,043	1,178,240	747,200	456,800		3,304,370	293,500	2,540,368	167,967	16,821,506	22.84	591,819	
BEMIDJI	770,752	985,075	101,992	972,589	1,423,902		458,962	771,008	456,000	287,200	10,000	539,110	357,250	1,284,093	98,131	8,516,064	14.36	555,498	
BLAINE	1,237,261	3,699,985	61,732	2,109,459	3,278,089	11,095	1,055,302	2,460,768	1,219,000	634,600				2,838,111	131,048	18,736,450	31.73	590,496	
BLOOMINGTON	5,773,656	7,432,445	1,087,020	9,958,381	13,250,027		2,966,258	4,299,888	3,831,200	1,477,600	16,000	375,760	1,024,550	9,268,707	611,971	61,373,463	73.88	825,632	
BRAINERD	750,753	188,355	432,795	854,720	1,320,336		409,715	395,248	382,000	286,000				903,590	95,220	6,018,732	14.30	420,890	
BROOKLYN CENTER	927,169	1,569,625	557,601	1,922,430	2,704,598		548,310	642,208	930,000	426,000	42,867	277,200		1,998,642	149,276	12,595,926	21.30	578,344	
BROOKLYN PARK	1,170,988	2,920,585	391,864	2,223,761	3,817,996		936,653	1,128,992	1,906,000	738,200				2,742,306	211,859	18,189,204	38.45	473,061	
BUFFALO	683,781	491,455	155,001	876,148	779,932		388,351	478,064	206,400	151,600	50,000		539,250	863,896	40,238	5,704,216	7.58	752,535	
BURNSVILLE	1,993,839	1,286,010	482,449	2,995,479	3,850,232		1,136,841	1,515,488	2,361,600	873,400				2,969,160	366,523	19,831,021	43.67	454,111	
CAMBRIDGE	308,863	846,615	61,061	418,611	479,853		265,180	253,056	109,800	109,800	60,000	602,140	33,750	638,753	23,277	4,210,659	5.49	657,289	
CHAMPLIN	264,683	831,360	20,130	395,468	1,187,757		339,761	1,187,776	396,400	292,000				884,762	72,179	5,872,276	15.14	387,865	
CHANHASSEN	825,729	2,100,050	80,520	1,675,009	1,872,788		680,419	433,056	703,900	370,800	30,000	25,080		1,583,506	64,156	10,444,913	18.54	562,019	
CHASKA	821,381	1,766,640	65,087	1,327,132	1,247,694	1,008	637,917	1,048,608	326,800	246,400	143,000	25,200	134,250	1,402,403	64,888	9,258,403	12.32	749,448	
CHISHOLM	655,106	664,655	25,498	505,770	472,882		225,838	287,568	138,600	138,600				560,615	38,588	3,713,720	6.93	535,890	
CLOQUET	1,354,867	2,190,980	10,736	1,459,771	1,324,889	8,176	602,312	922,816	408,600	361,000	37,000	336,600	621,550	1,735,071	95,512	11,469,880	18.05	616,802	
COLUMBIA HEIGHTS	837,194	618,370	169,027	1,435,366	1,387,293		396,519	52,828	385,200	233,000	350,000		4,625	1,087,109	81,947	7,208,568	11.65	618,761	
COON RAPIDS	1,172,144	1,179,925	277,123	1,962,660	3,551,341		995,972	1,510,768	1,732,600	813,600		1,801,624		2,699,593	292,953	17,990,303	40.68	397,952	
CORCORAN	1,934,018	318,255		1,172,313	483,165	26,719	129,734	256,560	284,400	274,400	15,000			881,021	59,004	5,834,589	13.72	425,262	
COTTAGE GROVE	1,373,103	2,216,960	144,936	2,244,560	2,469,988	16,135	827,040	2,051,744	1,216,800	560,800	288,000	570,000		2,516,417	171,344	16,667,827	28.04	574,102	
CROOKSTON	618,126	532,590	148,291	740,146	836,955		283,542	653,376	268,800	218,200		4,705,740	750	1,621,173	71,336	10,699,025	10.81	549,339	
CRYSTAL	1,252,956	1,961,490	340,197	1,966,036	1,660,469		935,089	1,505,216	468,400	357,600	48,100		41,150	1,896,609	92,815	12,526,127	17.88	700,566	
DETROIT LAKES	344,117	593,210	37,676	430,926	781,322	119	150,970	233,200	190,800	190,800				282,750	61,746	4,005,568	9.54	419,871	
DULUTH	8,530,119	5,206,825	1,364,143	10,125,897	8,056,424	80,801	2,729,668	3,161,552	3,117,000	1,806,800	154,000	7,949,817	625,900	9,523,604	599,964	63,032,514	90.34	609,727	
EAGAN	1,315,501	2,182,320	255,851	2,597,103	4,014,254		933,107	2,213,248	1,976,000	849,400	175,000			893,500	3,132,912	305,381	20,843,377	42.47	490,779
EAST BETHEL	657,593	1,573,955		683,163	993,796	72,198	415,987	683,168	482,600	482,600	273,063			1,137,262	94,073	7,549,458	24.13	312,866	
EAST GRAND FORKS	581,609	497,950	75,152	573,206	768,522		234,585	57,408	276,800	216,400			162,250	619,899	67,160	4,130,941	10.82	381,788	
EDEN PRAIRIE	1,451,039	3,282,140	427,427	2,724,506	3,890,972		1,420,473	1,167,632	1,893,800	751,800	412,800			3,220,127	221,457	21,331,173	37.59	567,469	
EDINA	2,487,103	1,641,070	711,260	3,834,673	4,611,827		1,331,247	1,061,536	1,771,800	787,200	154,600	166,650	72,780	3,327,608	252,133	22,066,457	39.36	856,398	
ELK RIVER	1,197,863	2,920,585	61,061	1,374,709	1,793,363	13,685	869,383	1,972,800	724,800	467,000	79,010			2,131,158	94,809	14,065,726	24.01	585,828	
FAIRMONT	2,723,739	3,290,800	77,797	2,593,195	2,484,097		888,148	1,550,496	643,000	386,400	3,000	448,800	493,000	2,803,765	128,976	18,509,213	19.32	934,804	
FALCON HEIGHTS	10,918	12,990	4,026	16,876			6,930	238,336	58,600	50,800				94,901	14,689	636,816	2.54	250,715	
FARBAUT	1,266,954	998,065	117,425	1,918,339	2,122,781		586,211	1,620,608	711,000	417,800		1,404,280	202,250	2,045,826	131,929	13,543,468	20.89	581,100	
FARMINGTON	910,677	1,472,200	6,039	905,203	732,411		400,172	620,672	178,200	166,200		350,117	209,750	1,071,296	29,170	7,052,107	8.31	806,497	
FERGUS FALLS	870,284	634,345	311,344	1,079,378	1,033,463	2,667	435,872	638,960	383,600	274,800	10,500	542,795	1,339,550	1,342,366	76,646	8,876,580	13.74	606,535	
FOREST LAKE	322,957	500,115	20,130	436,761	335,796		187,486	213,488	81,200	73,800				390,912	14,945	2,577,590	3.69	698,534	
FRIDLEY	857,853	1,054,355	597,190	1,272,243	2,147,966		505,268	715,400	498,400	498,400			163,050	1,406,107	162,228	9,380,058	24.92	376,407	
GOLDEN VALLEY	1,386,991	1,686,535	393,877	1,939,774	1,960,953		769,375	590,768	758,400	467,600	10,000	475,000	175,375	1,910,637	148,940	12,674,225	23.38	521,780	
GRAND RAPIDS	601,216	777,235	158,356	764,230	1,121,297	1,064	406,646	238,096	334,000	227,200			4,650	834,123	75,877	5,543,990	11.36	488,027	
HAM LAKE	363,751	424,340	20,130	486,624	818,076	56,217	204,798	418,600	418,600	418,600				578,005	84,440	3,873,581	20.93	185,073	
HASTINGS	661,270	729,605	220,088	680,616	1,166,383	1,428	351,063	515,776	408,200	289,000	52,000			897,195	89,198	5,970,822	14.45	413,206	
HERMANTOWN	460,446	1,101,985		815,726	914,905	2,401	294,366	187,840	294,800	259,800	20,000			783,411	66,867	5,202,547	12.99	400,504	
HIBBING	4,036,118	2,465,935	276,452	4,281,905	2,692,684	100,611	929,966	1,116,208	1,033,800	959,600		16,320	526,500	3,318,501	246,059	22,000,859	50.70	439,616	
HOPKINS	831,295	881,155	170,434	1,180,751	1,248,560		383,902	611,984	467,600	188,200				1,073,499	64,647	7,102,027	9.41	754,732	
HUTCHINSON	603,309	324,750	211,365	720,188	898,786		262,947	477,376	320,200	223,200	25,000	895,950	843,350	1,045,157	74,121	6,925,699	11.16	540,300	
INTERNATIONAL FALLS	613,354	480,630	192,577	767,925	688,784		306,012	453,120	165,400	161,200				689,223	44,383	4,562,608	8.06	566,080	
INVER GROVE HEIGHTS	480,885	1,690,665	151,646	1,063,120	1,512,080		648,135	672,576	508,200	396,200				1,282,266	110,767	8,516,740	19.81	429,921	
LAKE ELMO	212,289	407,020	30,195	415,005	411,321	28,637	135,163	122,160	190,600	190,600	36,000			392,218	41,932	2,613,140	9.53	274,201	
LAKEVILLE	2,036,105	4,921,045	212,036	3,761,122	3,485,144	3,108	1,427,975	1,430,288	972,800	767,400			118,400	3,444,371	182,965	22,762,759	38.37	593,244	
LINO LAKES	774,760	1,682,205		1,393,599	1,058,347	20,209	451,111		323,800	311,800				1,082,848	50,391	7,149,070	15.59	458,568	
LITCHFIELD	529,105	1,195,080		684,318	612,142		319,921	540,368	156,600	156,600				754,946	44,502	4,993,582	7.83	637,750	
LITTLE CANADA	235,826	355,060	99,979	376,442	376,658		181,793	454,304	142,200	106,000	29,0								

COMPARISON OF NEEDS BETWEEN 1993 AND 1994

Needs Year	Grading	Complete Storm Sewer	Sewer Adjustment	Base Needs	Surface Needs	Total Shoulder Needs	Curb & Gutter Construction
1993	\$176,512,301	\$167,152,520	\$24,167,680	\$223,793,339	\$254,753,680	\$910,098	\$80,068,021
1994	\$179,852,633	\$174,821,585	\$28,359,144	\$223,573,699	\$248,149,015	\$851,326	\$81,747,499
Difference	\$3,340,332	\$7,669,065	\$4,191,464	(\$219,640)	(\$6,604,665)	(\$58,772)	\$1,679,478
%	1.89%	4.59%	17.34%	-0.10%	-2.59%	-6.46%	2.10%
Needs Year	Sidewalk Construction	Traffic Signal Construction	Street Lighting Construction	Retaining Walls	Total Bridge Needs	Railroad Crossing Needs	Engineering
1993	\$96,936,585	\$91,403,800	\$49,206,000	\$16,233,658	\$84,187,173	\$33,296,427	\$233,751,990
1994	\$110,567,712	\$93,065,200	\$50,030,400	\$15,112,958	\$84,310,734	\$30,009,700	\$237,681,300
Difference	\$13,631,127	\$1,661,400	\$824,400	(\$1,120,700)	\$123,561	(\$3,286,727)	\$3,929,310
%	14.06%	1.82%	1.68%	-6.90%	0.15%	-9.87%	1.68%
Needs Year	Total Maintenance Needs	Total Apportionment Cost	Total Mileage	After the fact Right of way Needs	After the fact Bridge Needs	Overall Apportionment Needs	Needs To Apport. Ratio
1993	\$15,288,665	\$1,547,661,937	2471.04	\$42,904,610	\$13,193,150	\$1,603,759,697	19.3331
1994	\$15,669,295	\$1,573,802,200	2509.20	\$45,015,281	\$10,557,665	\$1,629,375,146	19.6419
Difference	\$380,630	\$26,140,263	38.16	\$2,110,671	(\$2,635,485)	\$25,615,449	0.3088
%	2.49%	1.69%	1.54%	4.92%	-19.98%	1.60%	

Tentative 1995 Money Needs Apportionment Determination

This tabulation shows each municipality's tentative money needs apportionment based on a projected apportionment amount. The actual amount of the road user fund for distribution to the Municipal State Aid Account will not be available until January 1995.

The 25-year construction needs or money needs shown on this report are those computed from the "1994 Needs Study Update". The adjusted 25 year construction needs are the result of subtracting for the Unencumbered Construction Fund and adding or subtracting for Bond Accounts, adding Non-existing Bridge Adjustments, adding Right-of-Way "After the fact needs", and subtracting for the cost of Bituminous Overlays and Concrete Joint Repairs on segments that receive complete needs. These adjustments to the actual needs are made as directed by the Screening Board Resolutions. This summary provides specific data and shows the impact of the adjustment to each municipality for the Screening Board's use in establishing the 1995 tentative Money Needs Apportionment Determination.

The adjustments are listed individually following the tentative summary of adjustments to the 25 year actual 1994 Money Needs.

TENTATIVE DETERMINATION OF THE 1995 MONEY NEEDS APPORTIONMENT

Needs value: \$100 in needs = approximately \$2.63 in Apportionment

Elk River's proposed adjustment for obtaining a variance is included in the total affect of needs adjustments column.

Municipality	1994 Actual 25-Year Const Needs	(-) Unencumbered Construction Fund Balance Deduction	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	Total Affect Of Adjustments	1994 Adjusted Money Needs	Money Needs Apportion- ment Minus Turnback Maintenance	(+) Turnback Main- tenance Adjust- ment	Tentative 1995 Money Needs Apportion- ment	% Of Total Dist
Albert Lea	\$11,080,773	(\$1,434,418)	--	--	\$952	(\$63,700)	(\$1,497,166)	\$9,583,607	\$252,370	--	\$252,370	0.6248
Alexandria	6,995,228	(352,466)	---	---	---	(85,966)	(438,432)	6,556,796	172,663	--	172,663	0.4274
Andover	13,262,871	(139,427)	\$310,000	--	147,283	--	317,856	13,580,727	357,628	--	357,628	0.8854
Arioka	6,030,440	(126,020)	(152,235)	--	216,505	(14,214)	(75,964)	5,954,476	156,802	--	156,802	0.3882
Apple Valley	13,588,186	0	1,335,554	--	--	(28,835)	1,306,719	14,894,905	392,235	--	392,235	0.9710
Arden Hills	2,980,197	(348,759)	--	---	---	--	(348,759)	2,631,438	69,295	--	69,295	0.1715
Austin	16,821,506	(1,609,819)	--	--	--	--	(1,609,819)	15,211,687	400,577	--	400,577	0.9917
Bemidji	8,516,064	(868,191)	--	--	220,201	(143,356)	(791,346)	7,724,718	203,419	--	203,419	0.5036
Blaine	18,736,450	(1,723,234)	--	--	183,259	(172,996)	(1,712,971)	17,023,479	448,288	--	448,288	1.1098
Bloomington	61,373,463	(2,275,641)	---	\$2,326,376	1,980,414	(268,282)	1,762,866	63,136,329	1,662,602	---	1,662,602	4.1160
Brainerd	6,018,732	(897,710)	--	--	--	--	(897,710)	5,121,022	134,855	--	134,855	0.3338
Brooklyn Center	12,595,926	(1,620,130)	2,750,000	--	2,523,341	--	3,653,211	16,249,137	427,897	--	427,897	1.0593
Brooklyn Park	18,189,204	(1,833,269)	--	--	142,774	--	(1,690,495)	16,498,709	434,469	\$11,088	445,557	1.1030
Buffalo	5,704,216	(202,063)	---	---	---	---	(202,063)	5,502,153	144,891	--	144,891	0.3587
Burnsville	19,831,021	(1,448,298)	--	349,684	1,328,186	--	229,572	20,060,593	528,266	--	528,266	1.3078
Cambridge	4,210,659	(110,006)	--	--	--	--	(110,006)	4,100,653	107,985	--	107,985	0.2673
Champlin	5,872,276	(1,012,203)	--	--	123,432	--	(888,771)	4,983,505	131,233	--	131,233	0.3249
Chanhassen	10,444,913	(669,038)	---	---	65,000	---	(604,038)	9,840,875	259,145	--	259,145	0.6415
Chaska	9,258,403	(627,754)	--	--	92,467	--	(535,287)	8,723,116	229,710	--	229,710	0.5687
Chisholm	3,713,720	0	--	--	--	--	0	3,713,720	97,795	--	97,795	0.2421
Cloquet	11,469,880	(90,451)	--	--	22,271	--	(68,180)	11,401,700	300,247	--	300,247	0.7433
Columbia Heights	7,208,568	(1,532,730)	---	---	133,200	(337,135)	(1,736,665)	5,471,903	144,094	--	144,094	0.3567
Coon Rapids	17,990,303	(1,582,006)	747,602	--	1,010,152	--	175,748	18,166,051	478,376	--	478,376	1.1843
Corcoran	5,834,589	(123,350)	--	--	5,762	--	(117,588)	5,717,001	150,549	--	150,549	0.3727
Cottage Grove	16,667,827	(40,000)	115,000	--	425,664	--	500,664	17,168,491	452,107	--	452,107	1.1192
Crookston	10,699,025	(417,860)	---	---	1,108,538	(50,192)	640,486	11,339,511	298,609	--	298,609	0.7392

Municipality	1994 Actual 25-Year Const. Needs	(--) Unencumbered Construction Fund Balance Deduction	(+ or --) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	(-) Affect Of Adjustments	1994 Adjusted Money Needs	Money Needs Apportion- ment Minus Turnback Maintenance	(+) Turnback Main- tenance Adjust- ment	Tentative 1995 Money Needs Apportion- ment	% Of Total Dist.
Crystal	\$12,526,127	(\$1,291,257)	--	--	\$4,102,777	(\$8,257)	\$2,803,263	\$15,329,390	\$403,677	--	\$403,677	0.9994
Detroit Lakes	4,005,568	(236,599)	--	--	--	--	(236,599)	3,768,969	99,250	--	99,250	0.2457
Duluth	63,032,514	(1,318,047)	--	\$1,054,200	132,849	(1,288,780)	(1,419,778)	61,612,736	1,622,480	--	1,622,480	4.0166
Eagan	20,843,377	0	\$1,725,000	--	392,508	--	2,117,508	22,960,885	604,641	--	604,641	1.4969
East Bethel	7,549,458	(181,372)	--	--	17,200	--	(164,172)	7,385,286	194,481	--	194,481	0.4815
East Grand Forks	4,130,941	(602,684)	30,000	--	121,700	--	(450,984)	3,679,957	96,906	--	96,906	0.2399
Eden Prairie	21,331,173	(514,084)	(438,337)	974,299	--	--	21,878	21,353,051	562,301	--	562,301	1.3920
Edina	22,066,457	(5,526,060)	--	--	45,296	--	(5,480,764)	16,585,693	436,760	--	436,760	1.0813
Elk River	14,065,726	0	758,002	--	8,000	--	(158,519)	13,907,207	366,226	4,752	370,978	0.9184
Fairmont	18,509,213	(112,286)	--	--	74,988	(141,345)	(178,643)	18,330,570	482,708	--	482,708	1.1950
Falcon Heights	636,816	(246,233)	(27,988)	--	--	--	(274,221)	362,595	9,548	--	9,548	0.0236
Fairbault	13,543,468	(960,865)	--	--	2,346	(99,296)	(1,057,815)	12,485,653	328,791	--	328,791	0.8140
Farmington	7,052,107	(310,906)	--	--	83,865	--	(227,041)	6,825,066	179,728	--	179,728	0.4449
Fergus Falls	8,876,580	(769,674)	--	--	67,200	(40,900)	(743,376)	8,133,204	214,176	--	214,176	0.5302
Forest Lake	2,577,590	(250,595)	--	--	27,900	--	(222,695)	2,354,895	62,013	--	62,013	0.1535
Fridley	9,380,058	(694,359)	--	--	95,081	(545,940)	(1,145,218)	8,234,840	216,852	--	216,852	0.5368
Golden Valley	12,674,225	(1,484,033)	--	--	1,140,625	--	(343,408)	12,330,817	324,714	--	324,714	0.8039
Grand Rapids	5,543,990	(355,674)	--	--	--	--	(355,674)	5,188,316	136,627	--	136,627	0.3382
Ham Lake	3,873,581	(388,907)	--	--	26,016	--	(362,891)	3,510,690	92,449	--	92,449	0.2289
Hastings	5,970,822	(510,139)	--	233,038	17,620	--	(259,481)	5,711,341	150,400	--	150,400	0.3723
Hermantown	5,202,547	(543,831)	--	--	45,608	(182,219)	(680,442)	4,522,105	119,083	--	119,083	0.2948
Hibbing	22,000,659	(163,083)	--	--	78,725	--	(84,358)	21,916,301	577,133	19,584	596,717	1.4772
Hopkins	7,102,027	(264,586)	--	--	--	--	(264,586)	6,837,441	180,054	--	180,054	0.4457
Hutchinson	6,925,699	(920,930)	--	--	--	--	(920,930)	6,004,769	158,127	--	158,127	0.3915
International Falls	4,562,608	(258,409)	--	--	--	--	(258,409)	4,304,199	113,345	--	113,345	0.2806
Inver Grove Heights	8,516,740	0	--	--	1,112,132	--	1,112,132	9,628,872	253,562	--	253,562	0.6277
Lake Elmo	2,613,140	0	--	--	100,641	--	100,641	2,713,781	71,463	--	71,463	0.1769
Lakeville	22,762,759	(670,696)	--	--	170,254	--	(500,442)	22,262,317	586,245	--	586,245	1.4513
Lino Lakes	7,149,070	(245,842)	--	--	64,950	--	(180,892)	6,968,178	183,497	--	183,497	0.4543
Litchfield	4,993,582	(380,465)	--	--	--	--	(380,465)	4,613,117	121,480	--	121,480	0.3007
Little Canada	3,546,612	(181,975)	330,000	--	43,300	--	191,325	3,737,937	98,433	--	98,433	0.2437
Little Falls	6,580,055	(21,602)	--	--	311,472	--	289,870	6,869,925	180,909	--	180,909	0.4479

Municipality	1994 Actual 25-Year Const. Needs	(-) Unencumbered Construction Fund Balance Deduction	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	Total Affect Of Adjustments	1994 Adjusted Money Needs	Money Needs Apportion- ment Minus Turnback Maintenance	(+) Turnback Main- tenance Adjust- ment	Tentative 1995 Money Needs Apportion- ment	% Of Total Dist.
Mahtomedi	\$1,737,258	(\$125,683)	--	--	--	--	(\$125,683)	\$1,611,575	\$42,438	--	\$42,438	0.1051
Mankato	19,978,353	(1,520,027)	--	--	\$433,175	(\$102,347)	(1,189,199)	18,789,154	494,784	\$1,728	496,512	1.2292
Maple Grove	25,511,497	(127,172)	(\$19,701)	--	541,486	--	394,613	25,906,110	682,199	3,600	685,799	1.6978
Maplewood	12,027,148	(567,388)	--	--	--	(28,375)	(595,763)	11,431,385	301,029	--	301,029	0.7452
Marshall	6,558,319	(719,520)	(74,504)	--	60,338	--	(733,686)	5,824,633	153,383	--	153,383	0.3797
Mendota Heights	4,792,240	(148,470)	40,000	--	8,970	--	(99,500)	4,692,740	123,576	--	123,576	0.3059
Minneapolis	192,258,064	(11,131,300)	--	\$1,493,191	9,447,100	(71,714)	(262,723)	191,995,341	5,055,912	--	5,055,912	12.5165
Minnnetonka	27,009,456	(1,591,583)	--	--	282,150	--	(1,309,433)	25,700,023	676,772	--	676,772	1.6754
Montevideo	4,210,766	(504,872)	--	--	--	--	(504,872)	3,705,894	97,589	--	97,589	0.2416
Monticello	3,545,588	(218,459)	--	--	149,510	--	(68,949)	3,476,639	91,552	--	91,552	0.2266
Moorhead	19,934,177	(574,408)	--	--	80,305	(204,508)	(698,611)	19,235,566	506,540	--	506,540	1.2540
Morris	2,545,064	0	--	--	2,379	--	2,379	2,547,443	67,083	--	67,083	0.1661
Mound	3,455,570	(896,741)	--	--	107,446	--	(789,295)	2,666,275	70,212	--	70,212	0.1738
Mounds View	2,761,736	(561,747)	--	--	--	--	(561,747)	2,199,989	57,933	--	57,933	0.1434
New Brighton	6,782,788	(1,541,685)	--	--	--	--	(1,541,685)	5,241,103	138,017	--	138,017	0.3417
New Hope	9,226,998	(667,164)	--	--	183,000	(207,238)	(691,402)	8,535,596	224,772	--	224,772	0.5564
New Ulm	7,544,161	(83,217)	--	--	--	--	(83,217)	7,460,944	196,473	--	196,473	0.4864
Northfield	7,430,438	(762,891)	--	--	8,850	--	(754,041)	6,676,397	175,813	--	175,813	0.4352
North Mankato	6,338,285	(349,684)	165,000	--	395,146	--	210,462	6,548,747	172,452	--	172,452	0.4269
North St. Paul	3,815,452	(461,802)	--	--	78,068	(354,655)	(738,389)	3,077,063	81,030	--	81,030	0.2006
Oak Grove	7,141,463	(243,956)	--	--	--	--	(243,956)	6,897,507	181,636	--	181,636	0.4497
Oakdale	7,454,327	0	412,343	--	211,229	--	623,572	8,077,899	212,719	--	212,719	0.5266
Orono	9,347,605	(620,436)	--	--	--	--	(620,436)	8,727,169	229,817	--	229,817	0.5689
Otsago	7,935,732	(355,615)	--	--	8,900	--	(346,715)	7,589,017	199,845	--	199,845	0.4947
Owatonna	11,906,857	(1,172,351)	--	--	--	--	(1,172,351)	10,734,506	282,677	--	282,677	0.6998
Plymouth	23,144,094	(2,820,420)	--	--	192,964	--	(2,627,456)	20,516,638	540,275	--	540,275	1.3375
Prior Lake	7,482,042	(686,788)	--	--	209,125	--	(477,663)	7,004,379	184,450	--	184,450	0.4566
Ramsey	10,830,024	(888,335)	300,000	--	180,075	--	(408,260)	10,421,764	274,442	--	274,442	0.6794
Red Wing	14,643,636	(1,274,421)	--	991,307	62,176	(17,877)	(238,815)	14,404,821	379,330	--	379,330	0.9391
Richfield	15,678,655	(3,572,625)	--	--	2,997,333	(26,695)	(601,987)	15,076,668	397,022	--	397,022	0.9829
Robbinsdale	5,311,276	(537,255)	--	--	--	(217,974)	(755,229)	4,556,047	119,977	--	119,977	0.2970
Rochester	34,283,481	(2,918,408)	--	--	3,616,427	(297,089)	400,930	34,684,411	913,362	--	913,362	2.2611

Municipality	1994 Actual 25-Year Const. Needs	(-) Unencumbered Construction Fund Balance Deduction	(+ or -) Bond Account Adjustment	(+) Non- Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(-) Bituminous Overlay And Concrete Joint Repair	Total Affect Of Adjustments	1994 Adjusted Money Needs	Money Needs Apportion- ment Minus Turnback Maintenance	(+) Turnback Main- tenance Adjust- ment	Tentative 1995 Money Needs Apportion- ment	% Of Total Dist.
Rosemount	\$10,435,763	(\$307,493)	--	--	--	--	(\$307,493)	\$10,128,270	\$266,713	--	\$266,713	0.6603
Roseville	6,565,472	(713,894)	\$1,550,000	\$2,814,714	\$1,660,726	--	5,311,546	11,877,018	312,764	--	312,764	0.7743
St. Anthony	3,456,902	(206,642)	--	--	--	(\$116,775)	(323,417)	3,133,485	82,516	--	82,516	0.2043
St. Cloud	16,462,947	(437,029)	1,895,000	--	1,175,435	(49,179)	2,584,227	19,047,174	501,579	\$8,784	510,363	1.2635
St. Louis Park	13,575,539	(1,476,414)	--	--	46,792	--	(1,429,622)	12,145,917	319,845	--	319,845	0.7918
St. Paul	161,552,306	(10,473,157)	--	320,857	3,635,766	(230,500)	(6,747,034)	154,805,272	4,076,567	--	4,076,567	10.0920
St. Peter	6,605,321	(346,780)	--	--	26,182	(27,516)	(348,114)	6,257,207	164,774	--	164,774	0.4079
Sartell	3,171,428	(281,423)	--	--	--	--	(281,423)	2,890,005	76,104	--	76,104	0.1884
Sauk Rapids	4,350,391	(488,693)	--	--	9,834	--	(478,859)	3,871,532	101,951	--	101,951	0.2524
Savage	12,400,827	(225,673)	400,000	--	--	--	174,327	12,575,154	331,148	--	331,148	0.8198
Shakopee	8,029,553	(309,562)	--	--	--	--	(309,562)	7,719,991	203,295	--	203,295	0.5033
Shoreview	4,122,788	(85,754)	--	--	--	--	(85,754)	4,037,034	106,309	--	106,309	0.2632
Shorewood	5,815,122	(776,055)	--	--	--	--	(776,055)	5,039,067	132,696	--	132,696	0.3285
South St. Paul	7,414,140	(1,302,079)	--	--	--	(11,288)	(1,313,367)	6,100,773	160,655	--	160,655	0.3977
Spring Lake Park	2,092,966	(463,501)	--	--	--	--	(463,501)	1,629,465	42,910	--	42,910	0.1062
Stillwater	6,616,047	(1,574,442)	--	--	16,442	--	(1,470,000)	5,146,047	135,514	--	135,514	0.3355
Thief River Falls	8,171,643	(90,490)	--	--	42,475	(27,407)	(75,422)	8,096,221	213,202	--	213,202	0.5278
Vadnais Heights	2,207,414	0	--	--	--	--	--	2,207,414	58,129	--	58,129	0.1439
Virginia	6,908,688	(312,771)	--	--	--	--	(312,771)	6,595,917	173,694	--	173,694	0.4300
Waite Park	2,911,648	0	--	--	--	--	--	2,911,648	76,674	2,016	78,690	0.1948
Waseca	2,590,480	(36,249)	--	--	5,000	--	(31,249)	2,559,231	67,394	--	67,394	0.1668
West St. Paul	5,745,331	(801,828)	--	--	--	--	(801,828)	4,943,503	130,180	--	130,180	0.3223
White Bear Lake	9,774,407	(744,023)	--	--	279,823	--	(464,200)	9,310,207	245,170	--	245,170	0.6069
Willmar	10,369,648	(421,337)	--	--	152,500	(50,418)	(319,255)	10,050,393	264,662	--	264,662	0.6552
Winona	10,631,558	(136,600)	--	--	340,950	(175,035)	29,315	10,660,873	280,738	--	280,738	0.6950
Woodbury	28,152,117	(1,783,151)	(950)	--	239,908	--	(1,544,193)	26,607,924	700,680	--	700,680	1.7346
Worthington	5,809,475	(1,004,552)	--	--	26,842	--	(977,710)	4,831,765	127,236	--	127,236	0.3150
STATE TOTAL	\$1,573,802,200	(\$102,934,051)	\$12,149,786	\$10,557,665	\$45,015,281	(\$5,688,005)	(\$41,823,845)	\$1,531,978,355	\$40,342,376	\$51,552	\$40,393,928	100.0000

**Money Needs Apportionment = \$40,342,376 / \$1,531,978,325 = 0.026333516 City's Adjusted Money Needs
Plus Turnback Maintenance Adjustment**

UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

The 1994 amount available is the unencumbered construction fund balance adjustment and is deducted from the city's total needs. See Screening Board Resolution and Determination of the 1994 Money Needs Apportionment on page 29-32.

In 1994, the total amount available was reduced by \$68,504,514. This total includes the difference between the 1993 and 1994 amount available of \$6,320,076 plus \$62,184,438, the 1994 construction allotment.

Municipalities	Unencumbered Amount Available 9-1-93	Unencumbered Amount Available 9-1-94	Difference Between 1993 and 1994	Percentage of Total Amount in 1994 Account	Ratio to the City's Construction Allotment
Albert Lea	\$1,464,051	\$1,434,418	(\$29,633)	1.3935	3.6386
Alexandria	817,740	352,466	(465,274)	0.3424	1.5910
Andover	507,482	139,427	(368,055)	0.1355	0.3309
Anoka	233,201	126,020	(107,181)	0.1224	0.4414
Apple Valley	512,348	0	(512,348)	0.0000	0.0000
Arden Hills	203,311	348,759	145,448	0.3388	2.3978
Austin	1,409,408	1,609,819	200,411	1.5639	2.3136
Bemidji	1,050,825	868,191	(182,634)	0.8434	3.0809
Blaine	1,679,675	1,723,234	43,559	1.6741	2.2390
Bloomington	4,767,722	2,275,641	(2,492,081)	2.2108	1.2512
Brainerd	910,713	897,710	(13,003)	0.8721	3.8821
Brooklyn Center	1,566,900	1,620,130	53,230	1.5739	2.7320
Brooklyn Park	2,208,736	1,833,269	(375,467)	1.7810	1.9880
Buffalo	112,242	202,063	89,821	0.1963	1.2696
Burnsville	1,286,843	1,448,298	161,455	1.4070	1.5297
Cambridge	203,984	110,006	(93,978)	0.1069	0.7790
Champlin	656,743	1,012,203	355,460	0.9834	2.8476
Chanhassen	190,250	669,038	478,788	0.6500	1.3974
Chaska	1,104,195	627,754	(476,441)	0.6099	1.6518
Chisholm	185,707	0	(185,707)	0.0000	0.0000
Cloquet	0	90,451	90,451	0.0879	0.2950
Columbia Heights	1,246,320	1,532,730	286,410	1.4890	5.0191
Coon Rapids	609,726	1,582,006	972,280	1.5369	1.3744
Corcoran	0	123,350	123,350	0.1198	0.8400
Cottage Grove	697,385	40,000	(657,385)	0.0389	0.0559
Crookston	630,203	417,860	(212,343)	0.4059	1.0551
Crystal	699,113	1,291,257	592,144	1.2545	2.2046
Detroit Lakes	138,748	236,599	97,851	0.2299	1.2698
Duluth	368,899	1,318,047	949,148	1.2805	0.6400
Eagan	189,724	0	(189,724)	0.0000	0.0000
East Bethel	0	181,372	181,372	0.1762	0.9546
East Grand Forks	443,607	602,684	159,077	0.5855	3.5157
Eden Prairie	0	514,084	514,084	0.4994	0.4868
Edina	4,697,540	5,526,060	828,520	5.3685	6.6698
Elk River	275,042	0	(275,042)	0.0000	0.0000
Fairmont	978,311	112,286	(866,025)	0.1091	0.2037

Municipalities	Unencumbered Amount Available 9-1-93	Unencumbered Amount Available 9-1-94	Difference Between 1993 and 1994	Percentage of Total Amount in 1994 Account	Ratio to the City's Construction Allotment
Falcon Heights	\$193,599	\$246,233	\$52,634	0.2392	4.6782
Faribault	810,038	960,865	150,827	0.9335	2.3135
Farmington	277,284	310,906	33,622	0.3020	1.3991
Fergus Falls	752,757	769,674	16,917	0.7477	2.6669
Forest Lake	137,257	250,595	113,338	0.2435	2.2110
Fridley	1,017,865	694,359	(323,506)	0.6746	1.5524
Golden Valley	2,034,284	1,484,033	(550,251)	1.4417	3.0534
Grand Rapids	550,581	355,674	(194,907)	0.3455	1.9042
Ham Lake	609,199	388,907	(220,292)	0.3778	2.1235
Hastings	292,819	510,139	217,320	0.4956	1.7869
Hermantown	873,583	543,831	(329,752)	0.5283	2.9086
Hibbing	695,132	163,083	(532,049)	0.1584	0.2870
Hopkins	0	264,586	264,586	0.2570	0.6524
Hutchinson	1,093,202	920,930	(172,272)	0.8947	2.6806
International Falls	136,131	258,409	122,278	0.2510	1.1348
Inver Grove Heights	123,432	0	(123,432)	0.0000	0.0000
Lake Elmo	668,965	0	(668,965)	0.0000	0.0000
Lakeville	785,359	670,696	(114,663)	0.6516	0.7889
Lino Lakes	335,507	245,842	(89,665)	0.2388	0.9620
Litchfield	812,283	380,465	(431,818)	0.3696	2.6123
Little Canada	203,823	181,975	(21,848)	0.1768	1.1472
Little Falls	0	21,602	21,602	0.0210	0.0802
Mahtomedi	0	125,683	125,683	0.1221	1.0000
Mankato	1,077,764	1,520,027	442,263	1.4767	2.1804
Maple Grove	177,368	127,172	(50,196)	0.1235	0.1376
Maplewood	923,124	567,388	(355,736)	0.5512	1.0285
Marshall	493,535	719,520	225,985	0.6990	3.1839
Mendota Heights	522,605	148,470	(374,135)	0.1442	0.7927
Minneapolis	11,900,725	11,131,300	(769,425)	10.8140	1.6597
Minnetonka	3,015,107	1,591,583	(1,423,524)	1.5462	1.2335
Montevideo	336,534	504,872	168,338	0.4905	2.9992
Monticello	95,013	218,459	123,446	0.2122	1.7697
Moorhead	1,867,673	574,408	(1,293,265)	0.5580	0.9486
Morris	0	0	0	0.0000	0.0000
Mound	734,667	896,741	162,074	0.8712	5.5329
Mounds View	1,088,539	561,747	(526,792)	0.5457	3.5673
New Brighton	1,487,343	1,541,685	54,342	1.4977	4.3733
New Hope	578,291	667,164	88,873	0.6481	1.8781
New Ulm	0	83,217	83,217	0.0808	0.2196
Northfield	873,078	762,891	(110,187)	0.7411	2.6576
North Mankato	325,611	349,684	24,073	0.3397	1.2517
North St. Paul	304,120	461,802	157,682	0.4486	2.3297

Municipalities	Unencumbered Amount Available 9-1-93	Unencumbered Amount Available 9-1-94	Difference Between 1993 and 1994	Percentage of Total Amount in 1994 Account	Ratio to the City's Construction Allotment
Oak Grove	\$0	\$243,956	\$243,956	0.2370	1.0000
Oakdale	0	0	0	0.0000	0.0000
Orono	1,151,470	620,436	(531,034)	0.6028	2.5755
Otsego	193,389	355,615	162,226	0.3455	1.6168
Owatonna	803,794	1,172,351	368,557	1.1389	2.0970
Plymouth	3,254,191	2,820,420	(433,771)	2.7400	2.2294
Prior Lake	982,546	686,788	(295,758)	0.6672	2.6647
Ramsey	637,119	888,335	251,216	0.8630	2.5293
Red Wing	880,770	1,274,421	393,651	1.2381	3.2374
Richfield	3,042,015	3,572,625	530,610	3.4708	4.8071
Robbinsdale	221,620	537,255	315,635	0.5219	1.6564
Rochester	2,970,789	2,918,408	(52,381)	2.8352	1.8793
Rosemount	0	307,493	307,493	0.2987	0.7972
Roseville	1,369,024	713,894	(655,130)	0.6935	1.1778
St. Anthony	301,972	206,642	(95,330)	0.2008	1.4722
St. Cloud	553,554	437,029	(116,525)	0.4246	0.5539
St. Louis Park	946,151	1,476,414	530,263	1.4343	2.2425
St. Paul	10,239,375	10,473,157	233,782	10.1746	1.7518
St. Peter	415,634	346,780	(68,854)	0.3369	1.2383
Sartell	143,850	281,423	137,573	0.2734	1.9532
Sauk Rapids	721,125	488,693	(232,432)	0.4748	2.3216
Savage	38,642	225,673	187,031	0.2192	0.6181
Shakopee	480,688	309,562	(171,126)	0.3007	1.0208
Shoreview	372,190	85,754	(286,436)	0.0833	0.1963
Shorewood	657,489	776,055	118,566	0.7539	4.6756
South St. Paul	1,217,844	1,302,079	84,235	1.2650	3.7600
Spring Lake Park	354,219	463,501	109,282	0.4503	4.5280
Stillwater	1,565,214	1,574,442	9,228	1.5296	4.5340
Thief River Falls	615,641	90,490	(525,151)	0.0879	0.3442
Vadnais Heights	0	0	0	0.0000	0.0000
Virginia	64,853	312,771	247,918	0.3039	1.2616
Waite Park	0	0	0	0.0000	0.0000
Waseca	0	36,249	36,249	0.0352	0.2224
West St. Paul	684,174	801,828	117,654	0.7790	2.5778
White Bear Lake	553,436	744,023	190,587	0.7228	1.6119
Willmar	212,057	421,337	209,280	0.4093	1.0449
Winona	283,431	136,600	(146,831)	0.1327	0.2735
Woodbury	2,058,872	1,783,151	(275,721)	1.7323	1.6852
Worthington	772,172	1,004,552	232,380	0.9759	3.7080
TOTAL	\$109,010,201	\$102,934,051	(\$6,076,150)	100.0000	1.6553

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 1993)
(For Reference, see Bond Adjustment Resolution)

The average principal and interest on all Bond sales cannot exceed 50 percent of the last construction apportionment preceding the Bond sale.
COLUMN B: Total Disbursements and Obligations: The amount of bond applied toward State Aid projects. A Report Of State Contract must be submitted by December 31 of the previous year to get credit for the expenditure.

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

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

The bond account adjustment is computed by using two steps.

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

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

		(A)	(B)	(C)	(D)	(E)	
			Total	(A Minus B)			(D minus C
			Amount	Amount Not	Remaining		minus E)
			Applied Toward	Applied Toward	Amount of	Off System	Bond
Municipality	Date of	Amount of	State Aid	State Aid	Principal	Disburse-	Account
	Issue	Issue	Projects	Projects	To Be Paid	ment	Adjustment
Andover	9-01-84	\$510,000	\$510,000	\$0	\$60,000		\$60,000
Andover	8-01-88	500,000	500,000	0	250,000		250,000
Anoka	7-01-86	985,000	552,765	432,235	280,000		(152,235)
Apple Valley	12-01-74	100,000	100,000	0	10,000		10,000
Apple Valley	8-01-79	875,000	875,000	0	490,000		490,000
Apple Valley	09-09-91	1,730,000	1,730,000	0	1,615,000	779,446	835,554
Brooklyn Center	9-01-91	3,000,000	3,000,000	0	2,750,000		2,750,000
Cloquet	12-01-93	835,000	0	835,000	835,000		0
Coon Rapids	8-01-90	1,935,000	1,907,602	27,398	775,000		747,602
Cottage Grove	5-01-77	560,000	560,000	0	115,000		115,000
Eagan	7-01-86	3,000,000	3,000,000	0	1,725,000		1,725,000
East Grand Forks	9-01-65	325,000	325,000	0	30,000		30,000

		(A)	(B)	(C)	(D)	(E)	(D Minus C)
Municipality	Date of Issue	Amount of Issue	Total Amount Applied Toward State Aid Projects	(A Minus B) Amount Not Applied Toward State Aid Projects	Remaining Amount of Principal To Be Paid	Off System Disbursement	Bond Account Adjustment
Eden Prairie	12-01-82	\$1,950,000	\$1,950,000	\$0	\$50,000		\$50,000
Eden Prairie	11-10-91	370,000	261,663	108,337	370,000		261,663
Eden Prairie	07-01-92	1,940,000	0	1,940,000	1,190,000		(750,000)
Elk River	06-01-92	1,095,000	878,002	216,998	975,000		758,002
Falcon Heights	04-21-80	170,000	142,012	27,988	0		(27,988)
Little Canada	10-01-81	225,000	225,000	0	30,000		30,000
Little Canada	11-01-93	315,000	0	315,000	315,000		0
Little Canada	8-01-86	340,000	340,000	0	300,000		300,000
Maple Grove	7-16-79	1,100,000	1,080,299	19,701	0		(19,701)
Marshall	7-01-81	310,000	235,496	74,504	0		(74,504)
Mendota Heights	3-01-75	360,000	360,000	0	40,000		40,000
North Mankato	6-01-86	550,000	550,000	0	165,000		165,000
Oakdale	11-10-92	453,181	453,181	0	412,343		412,343
Oakdale	11-23-92	887,640	0	887,640	887,640		0
Ramsey	03-13-91	500,000	500,000	0	300,000		300,000
Roseville	12-01-85	2,225,000	2,225,000	0	1,550,000		1,550,000
St. Cloud	07-01-82	390,000	390,000	0	140,000		140,000
St. Cloud	11-01-92	1,940,000	1,755,000	185,000	1,940,000		1,755,000
Savage	10-01-87	875,000	875,000	0	400,000		400,000
Woodbury	11-12-75	263,000	262,050	950	0		(950)
TOTAL		\$30,613,821	\$25,543,070	\$5,070,751	\$17,999,983	\$779,446	\$12,149,786

NON-EXISTING BRIDGE CONSTRUCTION

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

BE IT RESOLVED:

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

Municipality	First Year of Adjustment	Year of Apportionment Expiration	15 Years Amount Expired	Amount
Bloomington	1987 & 1990	2001 & 2004		\$2,326,375
Burnsville	1986	2000		349,684
* Duluth	1987	2001		1,054,200
Eden Prairie	1985	1999		974,299
Grand Rapids	1980	1994	\$553,858	0
Hastings	1983	1997		233,038
Hutchinson	1980	1994	570,793	0
Minneapolis	1983 & 1986	1997 & 2000		1,493,191
Red Wing	1980 & 1986	1994 & 2000	154,168	991,307
Roseville	1987	2001		2,814,714
St. Louis Park	1980	1994	1,356,666	0
St. Paul	1983	1997		320,857
TOTAL			\$2,635,485	\$10,557,665

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

PROJECT LISTING OF RIGHT-OF-WAY ACQUISITION IN 1993

MUNICIPALITY	PROJECT	PROJECT AMOUNT	TOTAL ADJUSTMENT
Albert Lea	101-101-10	\$952	\$952
Blaine	106-101-04	28,337	28,337
Bloomington	107-385-10	750,252	
	107-434-03	397,671	1,147,923
Brooklyn Park	110-113-01	7,669	
	110-113-06	2,886	
	110-121-01	125,587	136,142
Champlin	193-106-03	150	
	193-106-06	2,888	3,038
Farmington	212-102-02	11,211	
	212-106-01	49,608	60,819
Forest Lake	214-106-01	27,900	27,900
Fridley	127-338-03	95,081	95,081
Little Falls	136-128-06	20,071	20,071
Mankato	137-122-01	8,769	8,769
Minneapolis	141-205-09	18,360	
	141-210-18	102,015	
	141-291-03	323,494	443,869
Monticello	222-101-01	149,510	149,510
Otsego	217-102-02	8,900	8,900
Plymouth	155-170-01	84,759	84,759
Richfield	157-108-02	92,762	92,762
Rochester	159-113-09	8,000	
	159-132-02	75	
	159-132-02	1,430	9,505
St. Louis Park	163-280-16	2,714	
	163-282-14	326	3,040
St. Peter	165-117-02	26,182	26,182
TOTAL			\$2,347,559

NEEDS ADJUSTMENT FOR RIGHT-OF-WAY ACQUISITION

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

MUNICIPALITY	1978-1992 RIGHT-OF-WAY EXPENDITURES	1993 RIGHT-OF-WAY EXPENDITURES	1978 EXPIRED RIGHT-OF-WAY EXPENDITURES	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 1995 APPORTIONMENT
Albert Lea	--	\$952	--	\$952
Alexandria	--	--	--	--
Andover	\$147,283	--	--	147,283
Anoka	216,505	--	--	216,505
Apple Valley	--	--	--	--
Arden Hills	--	--	--	--
Austin	--	--	--	--
Bemidji	220,201	--	--	220,201
Blaine	154,922	28,337	--	183,259
Bloomington	832,491	1,147,923	--	1,980,414
Brainerd	--	--	--	--
Brooklyn Center	2,523,341	--	--	2,523,341
Brooklyn Park	6,632	136,142	--	142,774
Buffalo	--	--	--	--
Burnsville	1,328,186	--	--	1,328,186
Cambridge	--	--	--	--
Champlin	120,394	3,038	--	123,432
Chanhassen	65,000	--	--	65,000
Chaska	92,467	--	--	92,467
Chisholm	--	--	--	--
Cloquet	73,539	--	(51,268)	22,271
Columbia Heights	133,200	--	--	133,200
Coon Rapids	1,010,152	--	--	1,010,152
Corcoran	5,762	--	--	5,762
Cottage Grove	425,664	--	--	425,664
Crookston	1,108,538	--	--	1,108,538
Crystal	4,102,777	--	--	4,102,777
Detroit Lakes	--	--	--	--
Duluth	132,849	--	--	132,849
Eagan	392,508	--	--	392,508
East Bethel	17,200	--	--	17,200
East Grand Forks	121,700	--	--	121,700
Eden Prairie	--	--	--	--
Edina	45,296	--	--	45,296
Elk River	8,000	--	--	8,000
Fairmont	74,988	--	--	74,988
Falcon Heights	--	--	--	--
Faribault	2,346	--	--	2,346
Farmington	23,046	60,819	--	83,865

MUNICIPALITY	1978-1992	1993	1978	TOTAL
	RIGHT-OF-WAY EXPENDITURES	RIGHT-OF-WAY EXPENDITURES	EXPIRED RIGHT-OF-WAY EXPENDITURES	RIGHT-OF-WAY ADJUSTMENT FOR 1995 APPORTIONMENT
Fergus Falls	\$67,200	--	--	\$67,200
Forest Lake	--	\$27,900	--	27,900
Fridley	--	95,081	--	95,081
Golden Valley	1,140,625	--	--	1,140,625
Grand Rapids	--	--	--	--
Ham Lake	26,016	--	--	26,016
Hastings	17,620	--	--	17,620
Hermantown	45,608	--	--	45,608
Hibbing	78,725	--	--	78,725
Hopkins	--	--	--	--
Hutchinson	--	--	--	--
International Falls	--	--	--	--
Inver Grove Heights	1,112,132	--	--	1,112,132
Lake Elmo	100,641	--	--	100,641
Lakeville	170,254	--	--	170,254
Lino Lakes	64,950	--	--	64,950
Litchfield	--	--	--	--
Little Canada	43,300	--	--	43,300
Little Falls	291,401	20,071	--	311,472
Mahtomedi	--	--	--	--
Mankato	424,406	8,769	--	433,175
Maple Grove	541,486	--	--	541,486
Maplewood	--	--	--	--
Marshall	60,338	--	--	60,338
Mendota Heights	8,970	--	--	8,970
Minneapolis	9,003,231	443,869	--	9,447,100
Minnetonka	282,150	--	--	282,150
Montevideo	--	--	--	--
Monticello	--	149,510	--	149,510
Moorhead	80,305	--	--	80,305
Morris	2,379	--	--	2,379
Mound	107,446	--	--	107,446
Mounds View	--	--	--	--
New Brighton	--	--	--	--
New Hope	183,000	--	--	183,000
New Ulm	--	--	--	--
Northfield	8,850	--	--	8,850
North Mankato	395,146	--	--	395,146
North St. Paul	78,068	--	--	78,068
Oak Grove	--	--	--	--
Oakdale	211,229	--	--	211,229
Orono	--	--	--	--

MUNICIPALITY	1978-1992 RIGHT-OF-WAY EXPENDITURES	1993 RIGHT-OF-WAY EXPENDITURES	1978 EXPIRED RIGHT-OF-WAY EXPENDITURES	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 1995 APPORTIONMENT
Otsego	--	\$8,900	--	\$8,900
Owatonna	--	--	--	--
Plymouth	\$108,205	84,759	--	192,964
Prior Lake	209,125	--	--	209,125
Ramsey	180,075	--	--	180,075
Red Wing	62,176	--	--	62,176
Richfield	2,904,571	92,762	--	2,997,333
Robbinsdale	--	--	--	--
Rochester	3,723,389	9,505	(116,467)*	3,616,427
Rosemount	--	--	--	--
Roseville	1,660,726	--	--	1,660,726
St. Anthony	--	--	--	--
St. Cloud	1,175,435	--	--	1,175,435
St. Louis Park	43,752	3,040	--	46,792
St. Paul	3,704,919	--	(69,153)	3,635,766
St. Peter	--	26,182	--	26,182
Sartell	--	--	--	--
Sauk Rapids	9,834	--	--	9,834
Savage	--	--	--	--
Shakopee	--	--	--	--
Shoreview	--	--	--	--
Shorewood	--	--	--	--
South St. Paul	--	--	--	--
Spring Lake Park	--	--	--	--
Stillwater	104,442	--	--	104,442
Thief River Falls	42,475	--	--	42,475
Vadnais Heights	--	--	--	--
Virginia	--	--	--	--
Waite Park	--	--	--	--
Waseca	5,000	--	--	5,000
West St. Paul	--	--	--	--
White Bear Lake	279,823	--	--	279,823
Willmar	152,500	--	--	152,500
Winona	340,950	--	--	340,950
Woodbury	239,908	--	--	239,908
Worthington	26,842	--	--	26,842
TOTAL	\$42,904,610	\$2,347,559	(\$236,888)	\$45,015,281

* Of this amount, \$22,645 is being paid back from the sale of R/W on project 159-114-07.

**1993 BITUMINOUS OVERLAY AND
CONCRETE JOINT REPAIR ADJUSTMENTS**

MUNICIPALITY	IMPROVEMENT	PROJECT NUMBER	ADJUSTMENT FOR PROJECTS CONSTRUCTED IN 1993	TOTAL ADJUSTMENT FOR PROJECTS CONSTRUCTED IN 1993
Apple Valley	Bit. overlay etc.	186-102-10	\$28,835	\$28,835
Bemidji	Bit. overlay etc.	105-102-25	7,427	
		105-111-05	54,686	
		105-113-07	36,749	
		105-119-02	26,131	
		105-122-02	18,363	
				143,356
Bloomington	Bit. overlay etc.	107-354-17	19,631	
		107-404-05	39,179	
		107-420-08	36,410	
		107-442-02	106,178	
				201,398
Columbia Heights	Bit. overlay etc.	113-102-02	26,540	
		113-104-08	58,741	
		113-110-05	24,973	
		113-111-03	29,563	
				139,817
Crookston	Bit. overlay etc.	115-115-07	48,192	48,192
Duluth	Bit. overlay etc.	118 -110-07	88,584	
		118 -114-02	180,188	
				268,772
Fairmont	Bit. overlay etc.	123-111-06	141,345	141,345
Faribault	Bit. overlay etc.	125-104-06	87,288	
		125-132-02	12,008	
				99,296
Fridley	Bit. overlay etc.	127-309-07	19,931	
		127-319-04	62,969	
		127-325-01	11,057	
		127-333-02	31,012	
		127-338-03	30,908	
		127-350-01	17,280	
		127-351-01	29,867	
		127-352-01	53,773	
				256,797
Red Wing	Bit. overlay etc.	156-105-03	12,580	
		156-125-08	5,297	
				17,877
Rochester	Bit. overlay etc.	159-104-08	49,016	
		159-106-11	35,020	
		159-130-02	31,855	
		159-136-02	10,687	
				126,578
St. Anthony	Conc. Jt. Repair	161-105-04	116,775	116,775
St. Cloud	Bit. overlay etc.	162-121-08	13,125	
		162-125-09	23,685	
				36,810
St. Peter	Bit. overlay etc.	165-101-04	27,516	27,516
TOTAL				\$1,653,364

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

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

MUNICIPALITY	1991-1993 ADJUSTMENTS	+	1994 ADJUSTMENTS	=	TOTAL NEEDS ADJUSTMENT FOR THE 1995 APPORTIONMENT
ALBERT LEA	\$63,700		--		\$63,700
ALEXANDRIA	85,966		--		85,966
ANOKA	14,214		--		14,214
APPLE VALLEY	--		\$28,835		28,835
BEMIDJI	--		143,356		143,356
BLAINE	172,996		--		172,996
BLOOMINGTON	66,884		201,398		268,282
COLUMBIA HEIGHTS	197,318		139,817		337,135
CROOKSTON	2,000		48,192		50,192
CRYSTAL	8,257		--		8,257
DULUTH	1,020,008		268,772		1,288,780
FAIRMONT	--		141,345		141,345
FARIBAULT	--		99,296		99,296
FERGUS FALLS	40,902		--		40,902
FRIDLEY	289,143		256,797		545,940
HERMANTOWN	182,219		--		182,219
MANKATO	102,347		--		102,347
MAPLEWOOD	28,375		--		28,375
MINNEAPOLIS	71,714		--		71,714
MOORHEAD	204,508		--		204,508
NEW HOPE	207,238		--		207,238
NORTH ST PAUL	354,655		--		354,655
RED WING	--		17,877		17,877
RICHFIELD	26,695		--		26,695
ROBBINSDALE	217,974		--		217,974
ROCHESTER	170,511		126,578		297,089
ST. ANTHONY	--		116,775		116,775
ST. CLOUD	12,369		36,810		49,179
ST. PAUL	230,500		--		230,500
ST. PETER	--		27,516		27,516
SO. ST. PAUL	11,288		--		11,288
THIEF RIVER FALLS	27,407		--		27,407
WILLMAR	50,418		--		50,418
WINONA	175,035		--		175,035
TOTAL	\$4,034,641		\$1,653,364		\$5,688,005

NEEDS ADJUSTMENT FOR ELK RIVER

In 1988, the city used Turnback Funds for a thin overlay for a cost of \$24,942 not knowing that this expenditure would jeopardize the use of Turnback Funds for the reconstruction project. Elk River applied and received a variance in 1994 for the use of Turnback Funds to reconstruct segment 104-030 contingent upon the repayment of Turnback Funds with interest. In addition, any money drawn be subtracted from next year's allocation. In order to achieve this, the past needs have to be related to the value of needs for the 1995 apportionment minus the Turnback Maintenance. Apportionment the city would have received from 1989 to 1994.

Apport. YEAR	MONEY NEEDS RECEIVED	VALUE OF MONEY NEEDS PER \$1000	ALLOTMENT RECEIVED	THTB MAINTENANCE NOT RECEIVED	TOTAL ALLOTMENT RECEIVED
1989	\$50,308	\$64.98	\$3,269	\$330	\$2,939
1990	223,948	41.99	9,404	4,752	4,652
1991	219,342	32.11	7,043	4,752	2,291
1992	225,401	30.41	6,854	4,752	2,102
1993	232,333	29.89	6,944	4,752	2,192
1994	573,183	26.83	15,378	4,752	10,626
TOTAL	\$1,524,515	\$37.70	\$48,892	\$24,090	\$24,802

THE NET TOTAL ALLOTMENT RECEIVED FOR SEGMENT 104-030 IS \$24,802.

ADJUSTING THE VALUE OF NEEDS TO THE 1995 ALLOTMENT BY USING THE 1994 VALUE, THE PROPOSED NEEDS ADJUSTMENT SHOULD BE \$924,521

$$\$24,802 / .026827 = \$924,521$$

TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE

The following tabulation shows the Trunk Highway Turnback Maintenance allowance for the 1995 Apportionment. All turnbacks eligible for maintenance payments are included in this tabulation as of December 31, 1994. The total turnback maintenance apportionment has been computed in accordance with the 1967 Screening Board Resolution. (See Trunk Highway Turnback resolution.)

Maintenance allowance for turnback projects let after December 31, 1993 are included in this list.

Msas Route No.	Date of Release	Project Number	Plan Approved	Total Mileage	Miles Const.	Miles Eligible for TB Maint.	Date of MSAS Designation	Maintenance Allowance Eligible Miles X \$7,200
<u>Brooklyn Park</u> 137 (TH 169)	10-88	110-137-01	Yes	1.54	0.00	1.54	11-88	\$11,088
<u>Elk River</u> 104 (TH 201)	09-87	204-104-04	Yes	0.66	0.00	0.66	03-88	4,752
<u>Hibbing</u> 175 & 226 (TH 73)	6-91		No	2.72	0.00	2.72	07-91	19,584
<u>Mankato</u> 101 (TH 60)	4-85	137-101-04	Yes	1.10	0.86	0.24	06-85	1,728
<u>Maple Grove</u> 128 (TH 169)	10-88	189-128-01	Yes	0.50	0.00	0.50	11-88	3,600
<u>St. Cloud</u> 115, 131, 145 (TH 15)	10-90	162-145-01	Yes	2.33	1.11	1.22	12-90	8,784
<u>Waite Park</u> 105 (TH 23)	04-92	221-105-01	Yes	0.52	0.24	0.28	05-93	2,016
TOTAL				8.27	2.21	7.10		\$51,176

October 27, 1994

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

Dear Commissioner Denn,

We, the undersigned, as members of the 1994 Municipal Screening Board, having reviewed all information available in relation to the 25 year money needs of the Municipal State Aid Street System, do hereby submit our findings as required by Minnesota Statutes.

We recommend that these findings be modified as required by Screening Board Resolutions, and that any new municipalities that become eligible for State Aid by special census, incorporation or annexation have their mileage and resulting money needs established and included in our findings.

This Board, therefore, recommends that the money needs, as listed on the attached, be modified as required and used as the basis for apportioning to the urban municipalities the 1995 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

Respectfully submitted,

Ken Larson
Chairman

Dave Sonnenberg
Vice Chairman

Dale Swanson
Secretary

Approved by:

Jim Prusak
District 1

Don Boell
District 2

Curt Kreklau
District 3

Herb Reimer
District 4

Larry Anderson
Metro-West

Arnold Putnam
District 6

Ken Saffert
District 7

Richard Victor
District 8

Brian Bachmeier
Metro-East

Kenneth Larson
Duluth

Ramankutty Kannankutty
Minneapolis

Thomas Kuhfeld
St. Paul

Attachment: Money Needs Listing

1994 ADJUSTED MONEY NEEDS RECOMMENDATIONS

Municipality	Adjusted Money Needs	Municipality	Adjusted Money Needs
Albert Lea	\$9,583,607	Fergus Falls	\$8,133,200
Alexandria	6,556,796	Forest Lake	2,354,890
Andover	13,580,727	Fridley	8,234,840
Anoka	5,954,476	Golden Valley	12,330,810
Apple Valley	14,894,905	Grand Rapids	5,188,310
Arden Hills	2,631,438	Ham Lake	3,510,690
Austin	15,211,687	Hastings	5,711,340
Bemidji	7,724,718	Hermantown	4,522,100
Blaine	17,023,479	Hibbing	21,916,300
Bloomington	63,136,329	Hopkins	6,837,440
Brainerd	5,121,022	Hutchinson	6,004,760
Brooklyn Center	16,249,137	International Falls	4,304,190
Brooklyn Park	16,498,709	Inver Grove Heights	9,628,870
Buffalo	5,502,153	Lake Elmo	2,713,780
Burnsville	20,060,593	Lakeville	22,262,310
Cambridge	4,100,653	Lino Lakes	6,968,170
Champlin	4,983,505	Litchfield	4,613,110
Chanhassen	9,840,875	Little Canada	3,737,930
Chaska	8,723,116	Little Falls	6,869,920
Chisholm	3,713,720	Mahtomedi	1,611,570
Cloquet	11,401,700	Mankato	18,789,150
Columbia Heights	5,471,903	Maple Grove	25,906,110
Coon Rapids	18,166,051	Maplewood	11,431,380
Corcoran	5,717,001	Marshall	5,824,630
Cottage Grove	17,168,491	Mendota Heights	4,692,740
Crookston	11,339,511	Minneapolis	191,995,340
Crystal	15,329,390	Minnetonka	25,700,020
Detroit Lakes	3,768,969	Montevideo	3,705,890
Duluth	61,612,736	Monticello	3,476,630
Eagan	22,960,885	Moorhead	19,235,560
East Bethel	7,385,286	Morris	2,547,440
East Grand Forks	3,679,957	Mound	2,666,270
Eden Prairie	21,353,051	Mounds View	2,199,980
Edina	16,585,693	New Brighton	5,241,100
Elk River	13,907,207	New Hope	8,535,590
Fairmont	18,330,570	New Ulm	7,460,940
Falcon Heights	362,595	Northfield	6,676,390
Faribault	12,485,653	North Mankato	6,548,740
Farmington	6,825,066	North St. Paul	3,077,060

Municipality	Adjusted Money Needs
Oak Grove	\$6,897,507
Oakdale	8,077,899
Orono	8,727,169
Otsego	7,589,017
Owatonna	10,734,506
Plymouth	20,516,638
Prior Lake	7,004,379
Ramsey	10,421,764
Red Wing	14,404,821
Richfield	15,076,668
Robbinsdale	4,556,047
Rochester	34,684,411
Rosemount	10,128,270
Roseville	11,877,018
St. Anthony	3,133,485
St. Cloud	19,047,174
St. Louis Park	12,145,917
St. Paul	154,805,272
St. Peter	6,257,207
Sartell	2,890,005
Sauk Rapids	3,871,532
Savage	12,575,154
Shakopee	7,719,991
Shoreview	4,037,034
Shorewood	5,039,067
South St. Paul	6,100,773
Spring Lake Park	1,629,465
Stillwater	5,146,047
Thief River Falls	8,096,221
Vadnais Heights	2,207,414
Virginia	6,595,917
Waite Park	2,911,648
Waseca	2,559,231
West St. Paul	4,943,503
White Bear Lake	9,310,207
Willmar	10,050,393
Winona	10,660,873
Woodbury	26,607,924
Worthington	4,831,765
STATE TOTAL	\$1,531,978,355

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

The following tabulation shows each municipality's tentative money needs and population apportionment amounts for 1995. The tentative apportionment shown in this summary are for INFORMATIONAL PURPOSES ONLY.

The actual revenue will be announced in January, 1995, when the Commissioner of Transportation determines the annual Municipal State Aid allotment.

Municipalities	Population Apportionment	Money Needs Apportionment	Estimated 1994 total Apportionment	Distribution Percentage
Albert Lea	\$262,150	\$252,370	\$514,520	0.6369
Alexandria	114,954	172,663	287,617	0.3560
Andover	217,852	357,628	575,480	0.7123
Anoka	246,143	156,802	402,945	0.4988
Apple Valley	495,350	392,235	887,585	1.0987
Arden Hills	131,705	69,295	201,000	0.2488
Austin	313,921	400,577	714,498	0.8844
Bemidji	159,910	203,419	363,329	0.4497
Blaine	558,017	448,288	1,006,305	1.2456
Bloomington	1,236,085	1,662,602	2,898,687	3.5880
Brainerd	176,862	134,855	311,717	0.3858
Brooklyn Center	413,584	427,897	841,481	1.0416
Brooklyn Park	807,224	445,557	1,252,781	1.5507
Buffalo	98,159	144,891	243,050	0.3008
Burnsville	734,306	528,266	1,262,572	1.5628
Cambridge	72,990	107,985	180,975	0.2240
Champlin	241,232	131,233	372,465	0.4610
Chanhassen	168,028	259,145	427,173	0.5288
Chaska	162,344	229,710	392,054	0.4853
Chisholm	75,739	97,795	173,534	0.2148
Cloquet	155,844	300,247	456,091	0.5646
Columbia Heights	270,740	144,094	414,834	0.5135
Coon Rapids	758,502	478,376	1,236,878	1.5310
Corcoran	74,436	150,549	224,985	0.2785
Cottage Grove	328,368	452,107	780,475	0.9661
Crookston	116,242	298,609	414,851	0.5135
Crystal	340,580	403,677	744,257	0.9212
Detroit Lakes	102,297	99,250	201,547	0.2495
Duluth	1,224,030	1,622,480	2,846,510	3.5234
Eagan	678,769	604,641	1,283,410	1.5886
East Bethel	115,254	194,481	309,735	0.3834
East Grand Forks	123,959	96,906	220,865	0.2734
Eden Prairie	562,828	562,301	1,125,129	1.3927
Edina	659,670	436,760	1,096,430	1.3572
Elk River	159,538	370,978	530,516	0.6567
Fairmont	161,284	482,708	643,992	0.7971

Municipalities	Population Apportionment	Money Needs Apportionment	Estimated 1994 total Apportionment	Distribution Percentage
Falcon Heights	\$77,027	\$9,548	\$86,575	0.1072
Faribault	244,683	328,791	573,474	0.7099
Farmington	85,045	179,728	264,773	0.3277
Fergus Falls	176,991	214,176	391,167	0.4842
Forest Lake	86,018	62,013	148,031	0.1832
Fridley	405,681	216,852	622,533	0.7706
Golden Valley	300,248	324,714	624,962	0.7736
Grand Rapids	114,195	136,627	250,822	0.3105
Ham Lake	127,768	92,449	220,217	0.2726
Hastings	221,603	150,400	372,003	0.4605
Hermantown	96,799	119,083	215,882	0.2672
Hibbing	258,370	596,717	855,087	1.0584
Hopkins	236,651	180,054	416,705	0.5158
Hutchinson	164,062	158,127	322,189	0.3988
International Falls	118,848	113,345	232,193	0.2874
Inver Grove Heights	321,810	253,562	575,372	0.7122
Lake Elmo	84,100	71,463	155,563	0.1926
Lakeville	355,842	586,245	942,087	1.1661
Lino Lakes	126,093	183,497	309,590	0.3832
Litchfield	87,192	121,480	208,672	0.2583
Little Canada	128,441	98,433	226,874	0.2808
Little Falls	105,533	180,909	286,442	0.3546
Mahtomedi	80,649	42,438	123,087	0.1524
Mankato	449,635	496,512	946,147	1.1712
Maple Grove	554,595	685,799	1,240,394	1.5354
Maplewood	443,178	301,029	744,207	0.9212
Marshall	172,137	153,383	325,520	0.4029
Mendota Heights	134,411	123,576	257,987	0.3193
Minneapolis	5,274,254	5,055,912	10,330,166	12.7868
Minneronka	692,528	676,772	1,369,300	1.6949
Montevideo	78,731	97,589	176,320	0.2183
Monticello	72,231	91,552	163,783	0.2027
Moorhead	462,378	506,540	968,918	1.1993
Morris	80,363	67,083	147,446	0.1825
Mound	137,933	70,212	208,145	0.2576
Mounds View	179,553	57,933	237,486	0.2940
New Brighton	317,945	138,017	455,962	0.5644
New Hope	312,876	224,772	537,648	0.6655
New Ulm	188,015	196,473	384,488	0.4759
Northfield	210,235	175,813	386,048	0.4779
North Mankato	152,651	172,452	325,103	0.4024
North St. Paul	177,191	81,030	258,221	0.3196

Municipalities	Population Apportionment	Money Needs Apportionment	Estimated 1994 total Apportionment	Distribution Percentage
Oak Grove	\$78,573	\$181,636	\$260,209	0.3221
Oakdale	263,481	212,719	476,200	0.5894
Orono	104,302	229,817	334,119	0.4136
Otsego	74,722	199,845	274,567	0.3399
Owatonna	277,555	282,677	560,232	0.6935
Plymouth	728,594	540,275	1,268,869	1.5706
Prior Lake	164,391	184,450	348,841	0.4318
Ramsey	177,649	274,442	452,091	0.5596
Red Wing	216,678	379,330	596,008	0.7377
Richfield	511,271	397,022	908,293	1.1243
Robbinsdale	206,112	119,977	326,089	0.4036
Rochester	1,016,257	913,362	1,929,619	2.3885
Rosemount	123,444	266,713	390,157	0.4829
Roseville	479,415	312,764	792,179	0.9806
St. Anthony	110,630	82,516	193,146	0.2391
St. Cloud	698,857	510,363	1,209,220	1.4968
St. Louis Park	626,912	319,845	946,757	1.1719
St. Paul	3,897,673	4,076,567	7,974,240	9.8706
St. Peter	135,742	164,774	300,516	0.3720
Sartell	77,442	76,104	153,546	0.1901
Sauk Rapids	112,004	101,951	213,955	0.2648
Savage	141,827	331,148	472,975	0.5855
Shakopee	168,071	203,295	371,366	0.4597
Shoreview	352,020	106,309	458,329	0.5673
Shorewood	84,658	132,696	217,354	0.2690
South St. Paul	289,167	160,655	449,822	0.5568
Spring Lake Park	93,521	42,910	136,431	0.1689
Stillwater	198,753	135,514	334,267	0.4138
Thief River Falls	114,682	213,202	327,884	0.4059
Vadnais Heights	158,077	58,129	216,206	0.2676
Virginia	134,726	173,694	308,420	0.3818
Waite Park	72,045	78,690	150,735	0.1866
Waseca	120,051	67,394	187,445	0.2320
West St. Paul	275,580	130,180	405,760	0.5023
White Bear Lake	352,521	245,170	597,691	0.7398
Willmar	250,997	264,662	515,659	0.6383
Winona	364,161	280,738	644,899	0.7983
Woodbury	385,136	700,680	1,085,816	1.3440
Worthington	142,846	127,236	270,082	0.3343
TOTAL	\$40,393,928	\$40,393,928	\$80,787,856	100.0000

COMPARISON OF THE 1994 TO ESTIMATED 1995 APPORTIONMENT

Municipality	1994 Total Apportionment	Estimated 1995 Total Apportionment	Increase (Decrease) Amount	% Increase Decrease
Albert Lea	\$525,633	\$514,520	(\$11,113)	-2.1142
Alexandria	295,390	287,617	(7,773)	-2.6314
Andover	589,050	575,480	(13,570)	-2.3037
Anoka	401,013	402,945	1,932	0.4818
Apple Valley	922,728	887,585	(35,143)	-3.8086
Arden Hills	193,931	201,000	7,069	3.6451
Austin	729,877	714,498	(15,379)	-2.1071
Bemidji	375,729	363,329	(12,400)	-3.3003
Blaine	1,026,191	1,006,305	(19,886)	-1.9378
Bloomington	2,798,007	2,898,687	100,680	3.5983
Brainerd	308,325	311,717	3,392	1.1001
Brooklyn Center	838,185	841,481	3,296	0.3932
Brooklyn Park	1,240,629	1,252,781	12,152	0.9795
Buffalo	212,203	243,050	30,847	14.5366
Burnsville	1,262,403	1,262,572	169	0.0134
Cambridge	186,223	180,975	(5,248)	-2.8181
Champlin	378,293	372,465	(5,828)	-1.5406
Chanhassen	495,588	427,173	(68,415)	-13.8048
Chaska	397,168	392,054	(5,114)	-1.2876
Chisholm	169,630	173,534	3,904	2.3015
Cloquet	471,645	456,091	(15,554)	-3.2978
Columbia Heights	436,259	414,834	(21,425)	-4.9111
Coon Rapids	1,236,637	1,236,878	241	0.0195
Corcoran	225,911	224,985	(926)	-0.4099
Cottage Grove	759,117	780,475	21,358	2.8135
Crookston	415,138	414,851	(287)	-0.0691
Crystal	780,942	744,257	(36,685)	-4.6975
Detroit Lakes	199,840	201,547	1,707	0.8542
Duluth	2,946,456	2,846,510	(99,946)	-3.3921
Eagan	1,131,621	1,283,410	151,789	13.4134
East Bethel	219,829	309,735	89,906	40.8982
East Grand Forks	229,742	220,865	(8,877)	-3.8639
Eden Prairie	1,185,811	1,125,129	(60,682)	-5.1173
Edina	1,104,693	1,096,430	(8,263)	-0.7480
Elk River	460,665	530,516	69,851	15.1631
Fairmont	576,954	643,992	67,038	11.6193
Falcon Heights	80,976	86,575	5,599	6.9144
Faribault	553,761	573,474	19,713	3.5598
Farmington	232,211	264,773	32,562	14.0226

Municipality	1994 Total Apportionment	Estimated 1995 Total Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Fergus Falls	\$384,807	\$391,167	\$6,360	1.6
Forest Lake	151,117	148,031	(3,086)	-2.0
Fridley	638,992	622,533	(16,459)	-2.5
Golden Valley	648,026	624,962	(23,064)	-3.5
Grand Rapids	249,051	250,822	1,771	0.7
Ham Lake	209,786	220,217	10,431	4.9
Hastings	380,644	372,003	(8,641)	-2.2
Hermantown	226,973	215,882	(11,091)	-4.8
Hibbing	776,440	855,087	78,647	10.1
Hopkins	419,457	416,705	(2,752)	-0.6
Hutchinson	359,769	322,189	(37,580)	-10.4
International Falls	239,530	232,193	(7,337)	-3.0
Inver Grove Heights	567,374	575,372	7,998	1.4
Lake Elmo	148,282	155,563	7,281	4.9
Lakeville	898,350	942,087	43,737	4.8
Lino Lakes	340,747	309,590	(31,157)	-9.1
Litchfield	194,194	208,672	14,478	7.4
Little Canada	228,782	226,874	(1,908)	-0.8
Little Falls	289,723	286,442	(3,281)	-1.1
Mahtomedi	131,953	123,087	(8,866)	-6.7
Mankato	934,824	946,147	11,323	1.2
Maple Grove	1,202,522	1,240,394	37,872	3.1
Maplewood	735,523	744,207	8,684	1.1
Marshall	241,315	325,520	84,205	34.8
Mendota Heights	251,464	257,987	6,523	2.5
Minneapolis	10,318,132	10,330,166	12,034	0.1
Minnetonka	1,359,061	1,369,300	10,239	0.7
Montevideo	179,633	176,320	(3,313)	-1.8
Monticello	164,595	163,783	(812)	-0.4
Moorhead	798,823	968,918	170,095	21.2
Morris	144,783	147,446	2,663	1.8
Mound	216,099	208,145	(7,954)	-3.6
Mounds View	209,959	237,486	27,527	13.1
New Brighton	470,034	455,962	(14,072)	-2.9
New Hope	546,509	537,648	(8,861)	-1.6
New Ulm	400,226	384,488	(15,738)	-3.9
Northfield	382,749	386,048	3,299	0.8
North Mankato	313,965	325,103	11,138	3.5
North St. Paul	264,303	258,221	(6,082)	-2.3
Oak Grove	264,611	260,209	(4,402)	-1.6
Oakdale	498,375	476,200	(22,175)	-4.4
Orono	321,196	334,119	12,923	4.0

	1994 Total Apportionment	Estimated 1995 Total Apportionment	Increase (Decrease) Amount	% Increase Decrease
Otsego	\$293,260	\$274,567	(\$18,693)	-6.3742
Owatonna	584,927	560,232	(24,695)	-4.2219
Plymouth	1,317,882	1,268,869	(49,013)	-3.7191
Prior Lake	343,648	348,841	5,193	1.5111
Ramsey	447,966	452,091	4,125	0.9208
Red Wing	605,619	596,008	(9,611)	-1.5870
Richfield	990,930	908,293	(82,637)	-8.3393
Robbinsdale	339,798	326,089	(13,709)	-4.0345
Rochester	1,990,901	1,929,619	(61,282)	-3.0781
Rosemount	407,743	390,157	(17,586)	-4.3130
Roseville	808,171	792,179	(15,992)	-1.9788
St. Anthony	187,153	193,146	5,993	3.2022
St. Cloud	1,230,653	1,209,220	(21,433)	-1.7416
St. Louis Park	1,012,877	946,757	(66,120)	-6.5279
St. Paul	7,971,269	7,974,240	2,971	0.0373
St. Peter	294,422	300,516	6,094	2.0698
Sartell	148,041	153,546	5,505	3.7186
Sauk Rapids	223,125	213,955	(9,170)	-4.1098
Savage	486,844	472,975	(13,869)	-2.8488
Shakopee	404,339	371,366	(32,973)	-8.1548
Shoreview	453,300	458,329	5,029	1.1094
Shorewood	221,307	217,354	(3,953)	-1.7862
South St. Paul	461,728	449,822	(11,906)	-2.5786
Spring Lake Park	136,486	136,431	(55)	-0.0403
Stillwater	365,237	334,267	(30,970)	-8.4794
Thief River Falls	303,905	327,884	23,979	7.8903
Vadnais Heights	218,525	216,206	(2,319)	-1.0612
Virginia	330,558	308,420	(22,138)	-6.6972
Waite Park	158,640	150,735	(7,905)	-4.9830
Waseca	172,482	187,445	14,963	8.6751
West St. Paul	381,049	405,760	24,711	6.4850
White Bear Lake	615,439	597,691	(17,748)	-2.8838
Willmar	542,048	515,659	(26,389)	-4.8684
Winona	666,023	644,899	(21,124)	-3.1717
Woodbury	1,088,847	1,085,816	(3,031)	-0.2784
Worthington	285,612	270,082	(15,530)	-5.4374
TOTAL	\$80,787,856	\$80,787,856	\$0	0.0000

PAST HISTORY OF ADMINISTRATIVE ACCOUNT

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

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

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

RESEARCH ACCOUNT MOTION

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

Be it resolved that an amount of \$403,939 (not to exceed 1/2 of 1% of the 1994 M.S.A.S. Apportionment sum of \$80,787,856) shall be set aside from the 1995 Apportionment fund and be credited to the research account.

MOTION BY:
SECONDED BY:

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

COUNTY AND TRUNK HIGHWAY TURNBACK MILEAGE

During the last session of the Legislature, a bill was passed that would allow County Road mileage turned back to the jurisdiction of the city to be included above the city's 20% allowable mileage.

STATE STATUTE:

The extent of the municipal state aid street system for a city shall not exceed (1) 20 per cent of the total miles of the city streets and county roads within the jurisdiction of that city, plus (2) the mileage of all trunk highways reverted or turned back to the jurisdiction of the city pursuant to law on or after July 1, 1965, plus (3) the mileage of county highways reverted or turned back to the jurisdiction of the city pursuant to law on or after the effective date of this act. (May 11, 1994)

The wording is not clear if the intent was to consider only the excess mileage in the exchange between the city and county or the total mileage above the 20% mileage limitation. If the interpretation of the Statute is to include all County Turnback mileage (County State Aid and County Roads) above the city's 20% limitation, the cities with county turnback mileage would be able to designate a much greater MSAS system and receive a disproportionate amount of State Aid without increasing the mileage of city streets. A city would most likely be exchanging a MSAS route that would be within the 20% limitation for former county roads that would be considered above the mileage limitation, resulting in an unfair mileage increase for the city accepting county road turnbacks. Many times CSAH and County Roads are moved from one city to another or outside of the city limits.

The Trunk Highway Turnback mileage above the 20% at the present time is considered only if the Trunk Highway is relocated on another street and the former Trunk Highway designated as a MSA street. This does not apply to Trunk Highways that are turned back but not relocated to another location. Presently, the definition of a Trunk Highway turnback is being defined in the Rules as a former trunk highway or a portion of it that has been reverted to a county or city in accordance with law. This would treat Trunk Highways similarly to county roads that are reverted to the city's jurisdiction but not relocated for consideration above the city's 20% allowable mileage. In most instances, the Trunk Highway Turnbacks are constructed in a new location. This is unlike the county highways that are reverted or turned back to the jurisdiction of city, which are relocated in another city or relocated on another existing city street.

Clarification of the State Statute can be incorporated into the Rules or a Screening Board Resolution. Incorporating a change in the rules would take at least a year where a change to a resolution could be accomplished at this Fall Screening Board.

PROPOSED RULE:

Whereas Minnesota Rule 8820.0600 says, in relevant part:

"The highway and street systems to be selected and designated in accordance with law are...a municipal state-aid street system not exceeding 20 percent of the total miles of city streets and county roads within the jurisdiction of a city plus the mileage of all trunk highways reverted or turned back to the jurisdiction of the city pursuant to law on and after July 1, 1965, plus the mileage of county highways reverted or turned back to the jurisdiction of the city pursuant to law on or after May 11, 1994."

THE FOLLOWING WORDING IS SUGGESTED FOR THE SCREENING BOARD MILEAGE RESOLUTION.

The maximum mileage for State Aid designations can be exceeded to designate County Highway Turnback mileage as of May 11, 1994 subject to State Aid Operations Rules. Only the mileage of County Highway Turnback which lowers the total County Highway mileage that is reverted to the city as of May 11, 1994 and designated as a Municipal State Aid Street shall be considered above the city's 20% allowable mileage with needs. Any mileage which does not lower the total County Highway mileage within the city shall not be considered above the city's 20% allowable mileage. Designations of future County Highways which creates an increase in the city's total County Highway mileage shall be deducted from the city's excess 20% allowable mileage. Mileage that is considered to be an exchange of designations will not be included above the 20% allowable mileage.

POPULATION APPORTIONMENT

STATE STATUTE:

An amount equal to 50 per cent 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.

PROPOSED RULE:

8820.1200 COMPILATION AND NOTICE OF APPORTIONMENT

Subp. 1a. State-Aid Apportionment. State-aid apportionments must be made from the county state-aid highway fund and the municipal state-aid street fund as provided by law. The population of municipalities over 5000 shall be annually adjusted to show the change in population based on the State Demographer's or Metropolitan Council's estimates until the next federal census. When a city annexes by ordinance, the city and township shall by resolution state the change in population. ~~Apportionments to the respective counties and urban municipalities must be released in accordance with parts 8820.1400, subparts 5 and 6, and 8820.1500 to 8820.2400.~~

A POSSIBLE RESOLUTION IF THE ESTIMATED POPULATION IS USED FOR ALLOCATION PURPOSES FOR THE 1995 APPORTIONMENT

POPULATION ADJUSTMENTS:

The population of municipalities over 5000 shall be annually adjusted to show the change in population based on the State Demographer's or Metropolitan Council's estimates until the next federal census. The population estimate that is used for the population apportionment shall not be less than 5000. When a city annexes by ordinance, the city shall submit a council resolution and a township board resolution stating the population change of the affected municipality and township.

THEORETICAL 1995 POPULATION APPORTIONMENT – CENSUS VERSUS ESTIMATE

The allocation per each person by using the census equals approximately \$14.32 and by using the estimated population equals approximately \$13.85.

The population estimates used are as of April 1, 1993.

Municipality	1993 Population Estimate	1990 Census Population	Population Difference Between 1990 & Estimate	Estimated Population Apportionment Based on Est. Population	Estimated Population Apportionment Based on 1990 Census	Difference of Apportionment Based on Estimated Population
Albert Lea	18,360	18,310	50	\$254,274	\$262,150	(\$7,876)
Alexandria	8,183	8,029	154	113,329	114,954	(1,625)
Andover	18,304	15,216	3,088	253,498	217,852	35,646
Anoka	17,481	17,192	289	242,100	246,143	(4,043)
Apple Valley	38,261	34,598	3,663	529,889	495,350	34,539
Arden Hills	9,493	9,199	294	131,472	131,705	(233)
Austin	21,923	21,926	(3)	303,619	313,921	(10,302)
Bemidji	11,162	11,169	(7)	154,586	159,910	(5,324)
Blaine	40,814	38,975	1,839	565,246	558,017	7,229
Bloomington	86,918	86,335	583	1,203,756	1,236,085	(32,329)
Brainerd	12,515	12,353	162	173,324	176,862	(3,538)
Brooklyn Center	28,533	28,887	(354)	395,163	413,584	(18,421)
Brooklyn Park	58,125	56,381	1,744	804,992	807,224	(2,232)
Buffalo	7,578	6,856	722	104,950	98,159	6,791
Burnsville	53,363	51,288	2,075	739,042	734,306	4,736
Cambridge	5,182	5,098	84	71,767	72,990	(1,223)
Champlin	18,565	16,849	1,716	257,113	241,232	15,881
Chanhassen	13,388	11,736	1,652	185,415	168,028	17,387
Chaska	13,012	11,339	1,673	180,207	162,344	17,863
Chisholm	5,256	5,290	(34)	72,792	75,739	(2,947)
Cloquet	11,055	10,885	170	153,104	155,844	(2,740)
Columbia Heights	18,999	18,910	89	263,123	270,740	(7,617)
Coon Rapids	58,833	52,978	5,855	814,797	758,502	56,295
Corcoran	5,498	5,199	299	76,144	74,436	1,708
Cottage Grove	25,752	22,935	2,817	356,648	328,368	28,280
Crookston	8,175	8,119	56	113,218	116,242	(3,024)
Crystal	23,807	23,788	19	329,711	340,580	(10,869)
Detroit Lakes	7,258	7,145	113	100,518	102,297	(1,779)
Duluth	85,388	85,493	(105)	1,182,566	1,224,030	(41,464)
Eagan	53,004	47,409	5,595	734,070	678,769	55,301
East Bethel	8,471	8,050	421	117,318	115,254	2,064
East Grand Forks	8,884	8,658	226	123,037	123,959	(922)
Eden Prairie	42,442	39,311	3,131	587,793	562,828	24,965
Edina	46,984	46,075	909	650,697	659,670	(8,973)
Elk River	12,405	11,143	1,262	171,801	159,538	12,263
Fairmont	11,352	11,265	87	157,218	161,284	(4,066)

Municipality	1993 Population Estimate	1990 Census Population	Population Difference Between 1990 & Estimate	Estimated Population Apportionment Based on Est. Population	Estimated Population Apportionment Based on 1990 Census	Difference of Apportionment Based on Estimated Population
Falcon Heights	5,348	5,380	(32)	\$74,066	\$77,027	(\$2,961)
Faribault	18,421	17,090	1,331	255,118	244,683	10,435
Farmington	6,574	5,940	634	91,045	85,045	6,000
Fergus Falls	12,468	12,362	106	172,673	176,991	(4,318)
Forest Lake	6,242	6,008	234	86,447	86,018	429
Fridley	28,287	28,335	(48)	391,756	405,681	(13,925)
Golden Valley	21,029	20,971	58	291,237	300,248	(9,011)
Grand Rapids	8,117	7,976	141	112,415	114,195	(1,780)
Ham Lake	9,462	8,924	538	131,042	127,768	3,274
Hastings	16,143	15,478	665	223,570	221,603	1,967
Hermantown	7,078	6,761	317	98,026	96,799	1,227
Hibbing	18,025	18,046	(21)	249,634	258,370	(8,736)
Hopkins	16,406	16,529	(123)	227,212	236,651	(9,439)
Hutchinson	11,960	11,459	501	165,638	164,062	1,576
International Falls	7,808	8,301	(493)	108,136	118,848	(10,712)
Inver Grove Heights	24,332	22,477	1,855	336,982	321,810	15,172
Lake Elmo	6,057	5,874	183	83,885	84,100	(215)
Lakeville	30,149	24,854	5,295	417,543	355,842	61,701
Lino Lakes	11,193	8,807	2,386	155,016	126,093	28,923
Litchfield	6,073	6,090	(17)	84,107	87,192	(3,085)
Little Canada	9,134	8,971	163	126,500	128,441	(1,941)
Little Falls	7,481	7,371	110	103,607	105,533	(1,926)
Mahtomedi	5,966	5,833	333	82,625	80,649	1,976
Mankato	31,434	31,405	29	435,340	449,635	(14,295)
Maple Grove	42,682	38,736	3,946	591,117	554,595	36,522
Maplewood	32,394	30,954	1,440	448,635	443,178	5,457
Marshall	12,229	12,023	206	169,363	172,137	(2,774)
Mendota Heights	10,466	9,388	1,078	144,947	134,411	10,536
Minneapolis	367,924	368,383	(459)	5,095,499	5,274,254	(178,755)
Minnetonka	49,285	48,370	915	682,564	692,528	(9,964)
Montevideo	5,526	5,499	27	76,531	78,731	(2,200)
Monticello	5,293	5,045	248	73,304	72,231	1,073
Moorhead	32,937	32,295	642	456,155	462,378	(6,223)
Morris	5,596	5,613	(17)	77,501	80,363	(2,862)
Mound	9,643	9,634	9	133,549	137,933	(4,384)
Mounds View	12,611	12,541	70	174,654	179,553	(4,899)
New Brighton	22,355	22,207	148	309,602	317,945	(8,343)
New Hope	21,758	21,853	(95)	301,334	312,876	(11,542)
New Ulm	13,458	13,132	326	186,384	188,015	(1,631)

Municipality	1993 Population Estimate	1990 Census Population	Population Difference Between 1990 & Estimate	Estimated Population Apportionment Based on Est. Population	Estimated Population Apportionment Based on 1990 Census	Difference of Apportionment Based on Estimated Population
Northfield	15,143	14,684	459	\$209,720	\$210,235	(\$515)
North Mankato	11,059	10,662	397	153,160	152,651	509
North St. Paul	12,730	12,376	354	176,302	177,191	(889)
Oak Grove	5,924	5,488	436	82,043	78,573	3,470
Oakdale	22,192	18,403	3,789	307,344	263,481	43,863
Orono	7,323	7,285	38	101,419	104,302	(2,883)
Otsego	5,689	5,219	470	78,789	74,722	4,067
Owatonna	20,103	19,386	717	278,413	277,555	858
Plymouth	55,137	50,889	4,248	763,610	728,594	35,016
Prior Lake	12,072	11,482	590	167,189	164,391	2,798
Ramsey	14,081	12,408	1,673	195,012	177,649	17,363
Red Wing	15,561	15,134	427	215,509	216,678	(1,169)
Richfield	35,538	35,710	(172)	492,177	511,271	(19,094)
Robbinsdale	14,410	14,396	14	199,569	206,112	(6,543)
Rochester	76,060	70,981	5,079	1,053,380	1,016,257	37,123
Rosemount	10,478	8,622	1,856	145,113	123,444	21,669
Roseville	33,487	33,485	2	463,772	479,415	(15,643)
St. Anthony	8,019	7,727	292	111,058	110,630	428
St. Cloud	49,416	48,812	604	684,378	698,857	(14,479)
St. Louis Park	43,764	43,787	(23)	606,102	626,912	(20,810)
St. Paul	272,243	272,235	8	3,770,382	3,897,673	(127,291)
St. Peter	9,801	9,481	320	135,737	135,742	(5)
Sartell	6,095	5,409	686	84,412	77,442	6,970
Sauk Rapids	8,835	7,823	1,012	122,359	112,004	10,355
Savage	12,889	9,906	2,983	178,504	141,827	36,677
Shakopee	12,732	11,739	993	176,330	168,071	8,259
Shoreview	25,730	24,587	1,143	356,343	352,020	4,323
Shorewood	6,430	5,913	517	89,051	84,658	4,393
South St. Paul	20,235	20,197	38	280,241	289,167	(8,926)
Spring Lake Park	6,523	6,532	(9)	90,339	93,521	(3,182)
Stillwater	15,001	13,882	1,119	207,754	198,753	9,001
Thief River Falls	8,008	8,010	(2)	110,905	114,682	(3,777)
Vadnais Heights	11,638	11,041	597	161,178	158,077	3,101
Virginia	9,283	9,410	(127)	128,563	134,726	(6,163)
Waite Park	5,463	5,032	431	75,659	72,045	3,614
Waseca	8,144	8,385	(241)	112,789	120,051	(7,262)
West St. Paul	19,304	19,248	56	267,347	275,580	(8,233)
White Bear Lake	24,979	24,622	357	345,942	352,521	(6,579)
Willmar	18,322	17,531	791	253,747	250,997	2,750
Winona	25,680	25,435	245	355,651	364,161	(8,510)
* Woodbury	26,900	26,900	0	372,547	385,136	(12,589)
Worthington	10,183	9,977	206	141,033	142,846	(1,813)
TOTAL	2,916,671	2,821,335	95,336	\$40,393,928	\$40,393,928	\$0

THEORETICAL 1995 POPULATION APPORTIONMENT – CENSUS VERSUS ESTIMATE
 (ADJUSTED ONLY THE POPULATION OF CITIES THAT SHOWED AN ESTIMATED INCREASE IN POPULATION)

The allocation per each person by using the census equals approximately \$14.32 and by using the estimated population equals approximately \$13.84.

The population estimates used are as of April 1, 1993.

Municipality	1993 Population Estimate	1990 Census Population	Population Difference Between 1990 & Estimate	Estimated Population Apportionment Based on Est. Population	Estimated Population Apportionment Based on 1990 Census	Difference of Apportionment Based on Estimated Population
Albert Lea	18,360	18,310	50	\$254,066	\$262,150	(\$8,084)
Alexandria	8,183	8,029	154	113,237	114,954	(1,717)
Andover	18,304	15,216	3,088	253,291	217,852	35,439
Anoka	17,481	17,192	289	241,903	246,143	(4,240)
Apple Valley	38,261	34,598	3,663	529,457	495,350	34,107
Arden Hills	9,493	9,199	294	131,364	131,705	(341)
Austin	21,926	21,926	0	303,413	313,921	(10,508)
Bemidji	11,169	11,169	0	154,557	159,910	(5,353)
Blaine	40,814	38,975	1,839	564,785	558,017	6,768
Bloomington	86,918	86,335	583	1,202,773	1,236,085	(33,312)
Brainerd	12,515	12,353	162	173,183	176,862	(3,679)
Brooklyn Center	28,887	28,887	0	399,739	413,584	(13,845)
Brooklyn Park	58,125	56,381	1,744	804,335	807,224	(2,889)
Buffalo	7,578	6,856	722	104,865	98,159	6,706
Burnsville	53,363	51,288	2,075	738,439	734,306	4,133
Cambridge	5,182	5,098	84	71,709	72,990	(1,281)
Champlin	18,565	16,849	1,716	256,903	241,232	15,671
Chanhassen	13,388	11,736	1,652	185,263	168,028	17,235
Chaska	13,012	11,339	1,673	180,060	162,344	17,716
Chisholm	5,290	5,290	0	73,203	75,739	(2,536)
Cloquet	11,055	10,885	170	152,979	155,844	(2,865)
Columbia Heights	18,999	18,910	89	262,909	270,740	(7,831)
Coon Rapids	58,833	52,978	5,855	814,133	758,502	55,631
Corcoran	5,498	5,199	299	76,081	74,436	1,645
Cottage Grove	25,752	22,935	2,817	356,357	328,368	27,989
Crookston	8,175	8,119	56	113,126	116,242	(3,116)
Crystal	23,807	23,788	19	329,442	340,580	(11,138)
Detroit Lakes	7,258	7,145	113	100,436	102,297	(1,861)
Duluth	85,493	85,493	0	1,183,054	1,224,030	(40,976)
Eagan	53,004	47,409	5,595	733,471	678,769	54,702
East Bethel	8,471	8,050	421	117,222	115,254	1,968
East Grand Forks	8,884	8,658	226	122,937	123,959	(1,022)
Eden Prairie	42,442	39,311	3,131	587,313	562,828	24,485
Edina	46,984	46,075	909	650,166	659,670	(9,504)
Elk River	12,405	11,143	1,262	171,661	159,538	12,123
Fairmont	11,352	11,265	87	157,089	161,284	(4,195)

Municipality	1993 Population Estimate	1990 Census Population	Population Difference Between 1990 & Estimate	Estimated Population Apportionment Based on Est. Population	Estimated Population Apportionment Based on 1990 Census	Difference of Apportionment Based on Estimated Population
Falcon Heights	5,380	5,380	0	\$74,449	\$77,027	(\$2,578)
Faribault	18,421	17,090	1,331	254,910	244,683	10,227
Farmington	6,574	5,940	634	90,971	85,045	5,926
Fergus Falls	12,468	12,362	106	172,532	176,991	(4,459)
Forest Lake	6,242	6,008	234	86,377	86,018	359
Fridley	28,335	28,335	0	392,100	405,681	(13,581)
Golden Valley	21,029	20,971	58	291,000	300,248	(9,248)
Grand Rapids	8,117	7,976	141	112,323	114,195	(1,872)
Ham Lake	9,462	8,924	538	130,935	127,768	3,167
Hastings	16,143	15,478	665	223,387	221,603	1,784
Hermantown	7,078	6,761	317	97,946	96,799	1,147
Hibbing	18,046	18,046	0	249,721	258,370	(8,649)
Hopkins	16,529	16,529	0	228,729	236,651	(7,922)
Hutchinson	11,960	11,459	501	165,503	164,062	1,441
International Falls	8,301	8,301	0	114,869	118,848	(3,979)
Inver Grove Heights	24,332	22,477	1,855	336,707	321,810	14,897
Lake Elmo	6,057	5,874	183	83,817	84,100	(283)
Lakeville	30,149	24,854	5,295	417,203	355,842	61,361
Lino Lakes	11,193	8,807	2,386	154,889	126,093	28,796
Litchfield	6,090	6,090	0	84,274	87,192	(2,918)
Little Canada	9,134	8,971	163	126,397	128,441	(2,044)
Little Falls	7,481	7,371	110	103,522	105,533	(2,011)
Mahtomedi	5,966	5,633	333	82,558	80,649	1,909
Mankato	31,434	31,405	29	434,984	449,635	(14,651)
Maple Grove	42,682	38,736	3,946	590,635	554,595	36,040
Maplewood	32,394	30,954	1,440	448,269	443,178	5,091
Marshall	12,229	12,023	206	169,225	172,137	(2,912)
Mendota Heights	10,466	9,388	1,078	144,829	134,411	10,418
Minneapolis	368,383	368,383	0	5,097,693	5,274,254	(176,561)
Minnetonka	49,285	48,370	915	682,007	692,528	(10,521)
Montevideo	5,526	5,499	27	76,469	78,731	(2,262)
Monticello	5,293	5,045	248	73,245	72,231	1,014
Moorhead	32,937	32,295	642	455,783	462,378	(6,595)
Morris	5,613	5,613	0	77,673	80,363	(2,690)
Mound	9,643	9,634	9	133,440	137,933	(4,493)
Mounds View	12,611	12,541	70	174,511	179,553	(5,042)
New Brighton	22,355	22,207	148	309,349	317,945	(8,596)
New Hope	21,853	21,853	0	302,402	312,876	(10,474)
New Ulm	13,458	13,132	326	186,232	188,015	(1,783)

Municipality	1993 Population Estimate	1990 Census Population	Population Difference Between 1990 & Estimate	Estimated Population Apportionment Based on Est. Population	Estimated Population Apportionment Based on 1990 Census	Difference of Apportionment Based on Estimated Population
Northfield	15,143	14,684	459	\$209,549	\$210,235	(\$686)
North Mankato	11,059	10,662	397	153,035	152,651	384
North St. Paul	12,730	12,376	354	176,158	177,191	(1,033)
Oak Grove	5,924	5,488	436	81,976	78,573	3,403
Oakdale	22,192	18,403	3,789	307,093	263,481	43,612
Orono	7,323	7,285	38	101,336	104,302	(2,966)
Otsego	5,689	5,219	470	78,725	74,722	4,003
Owatonna	20,103	19,386	717	278,186	277,555	631
Plymouth	55,137	50,889	4,248	762,987	728,594	34,393
Prior Lake	12,072	11,482	590	167,053	164,391	2,662
Ramsey	14,081	12,408	1,673	194,853	177,649	17,204
Red Wing	15,561	15,134	427	215,334	216,678	(1,344)
Richfield	35,710	35,710	0	494,156	511,271	(17,115)
Robbinsdale	14,410	14,396	14	199,406	206,112	(6,706)
Rochester	76,060	70,981	5,079	1,052,520	1,016,257	36,263
Rosemount	10,478	8,622	1,856	144,995	123,444	21,551
Roseville	33,487	33,485	2	463,394	479,415	(16,021)
St. Anthony	8,019	7,727	292	110,967	110,630	337
St. Cloud	49,416	48,812	604	683,820	698,857	(15,037)
St. Louis Park	43,787	43,787	0	605,926	626,912	(20,986)
St. Paul	272,243	272,235	8	3,767,305	3,897,673	(130,368)
St. Peter	9,801	9,481	320	135,626	135,742	(116)
Sartell	6,095	5,409	686	84,343	77,442	6,901
Sauk Rapids	8,835	7,823	1,012	122,259	112,004	10,255
Savage	12,889	9,906	2,983	178,358	141,827	36,531
Shakopee	12,732	11,739	993	176,186	168,071	8,115
Shoreview	25,730	24,587	1,143	356,052	352,020	4,032
Shorewood	6,430	5,913	517	88,978	84,658	4,320
South St. Paul	20,235	20,197	38	280,012	289,167	(9,155)
Spring Lake Park	6,532	6,532	0	90,390	93,521	(3,131)
Stillwater	15,001	13,882	1,119	207,584	198,753	8,831
Thief River Falls	8,010	8,010	0	110,843	114,682	(3,839)
Vadnais Heights	11,638	11,041	597	161,047	158,077	2,970
Virginia	9,410	9,410	0	130,216	134,726	(4,510)
Waite Park	5,463	5,032	431	75,597	72,045	3,552
Waseca	8,385	8,385	0	116,032	120,051	(4,019)
West St. Paul	19,304	19,248	56	267,129	275,580	(8,451)
White Bear Lake	24,979	24,622	357	345,660	352,521	(6,861)
Willmar	18,322	17,531	791	253,540	250,997	2,543
Winona	25,680	25,435	245	355,360	364,161	(8,801)
* Woodbury	26,900	26,900	0	372,243	385,136	(12,893)
Worthington	10,183	9,977	206	140,913	142,846	(1,933)
TOTAL	2,919,053	2,821,335	97,718	\$40,393,928	\$40,393,928	\$0

CURRENT RESOLUTIONS
OF THE
MUNICIPAL SCREENING BOARD

OCTOBER 1994

BE IT RESOLVED:

ADMINISTRATION

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

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

Screening Board Chairman and Vice Chairman - June 1987

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

Screening Board Secretary - Oct. 1961

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

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

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

Appointment to Unencumbered Construction Funds Subcommittee - Revised June 1979

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

Screening Board Alternate Attendance - June 1979

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

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

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

Research Account - Oct. 1961

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

Soil Type - Oct. 1961

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

Improper Needs Report - Oct. 1961

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

New Cities Needs - Oct. 1983

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

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

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

Construction Accomplishments - Oct. 1988 (Revised June 1993)

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

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

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

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

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

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

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

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

DESIGN

Design Limitation on Non-Existing Streets - Oct. 1965

That non-existing streets shall not have their needs computed on the basis of urban design unless justified to the satisfaction of the Commissioner.

Less Than Minimum Width - Oct. 1961 (Revised 1986)

That in the event that a Municipal State Aid Street is constructed with State Aid Funds to a width less than the standard design width as reported in the Needs Study, the total needs shall be taken off such constructed street other than the surface replacement need. Surface replacement and other future needs shall be limited to the constructed width unless exception is justified to the satisfaction of the Commissioner.

Greater Than Minimum Width (Revised June 1993)

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

Miscellaneous Limitations - Oct. 1961

That miscellaneous items such as fence removal, bituminous surface removal, manhole adjustment, and relocation of street lights are not permitted in the Municipal State Aid Street Needs Study. The item of retaining walls, however, shall be included in the Needs Study.

MILEAGE

Feb. 1959 (Revised Oct. 1993)

The maximum mileage for Municipal State Aid Street designation shall be 20 percent of the municipality's basic mileage - which is comprised of the total improved streets less Trunk Highway, County State Aid Highways, and Trunk Highway Turnbacks.

Nov. 1965 (Revised 1972, Oct. 1993)

The maximum mileage for Municipal State Aid Street designation shall be based on the Annual Certification of Mileage current as of December 31st of the preceding year. Submittal of a supplementary certification during the year shall not be permitted. Frontage roads which are not designated trunk highway, trunk highway turnback or County State Aid Highway system shall be considered in the computation of the basic street mileage. The total mileage of county roads and local streets on corporate limits shall be included in the municipality's basic street mileage. Mileage which is on the boundry of two adjoining urban municipalities shall be considered as one-half mileage.

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

Oct. 1961 (Revised May 1980, Oct. 1982, Oct. 1983, and June 1993)

All requests for additional mileage or revisions to the Municipal State Aid System must be received by the District State Aid Engineer by March first and a City Council resolution of approved mileage and the Needs Study reporting data must be received by May first, to be included in the current year's Needs Study. Any requests for additional mileage or revisions to the Municipal State Aid Systems received by the District State Aid Engineer after March first will be included in the following year's Needs Study.

One Way Street Mileage - June 1983 (Revised Oct. 1984, Oct. 1993, June 1994)

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

Treat all one-way streets between 26 feet and 49 feet wide as one-half of the mileage as outlined in Rule 8820.9940 and allow complete needs, except that no more than one parking lane will be eligible to accrue needs. When Trunk Highway or County Highway Turnback is used as part of a one way pair, mileage for certification shall only be included as trunk Highway or County Turnback mileage and not as provided for in the preceding paragraph.

COST

Construction Item Unit Prices - (Revised Annually)

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

Grading (Excavation) \$ 3.00 Cu. Yd.

Base:

Class 4	Spec. #2211	\$ 4.50 Ton
Class 5	Spec. #2211	6.00 Ton
Bituminous	Spec. #2331	21.00 Ton

Surface:

Bituminous	Spec. #2331	\$ 21.00 Ton
Bituminous	Spec. #2341	23.50 Ton
Bituminous	Spec. #2361	30.00 Ton

Shoulders:

Gravel	Spec. #2221	\$ 7.00 Ton
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Miscellaneous:

Storm Sewer Construction	\$216,500.00 Mile
Storm Sewer Adjustment	67,100.00 Mile
Special Drainage-Rural	26,000.00 Mile
Traffic Signals	20,000 to 80,000.00 Mile

Signal Needs Based On Projected Traffic

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

Street Lighting	20,000.00 Mile
Curb & Gutter	5.50 Lin. Ft.
Sidewalk	16.00 Sq. Yd.
Engineering	18%

Removal Items:

Curb & Gutter	\$ 1.60 Lin. Ft.
Sidewalk	4.50 Sq. Yd.
Concrete Pavement	4.00 Sq. Yd.
Tree Removal	175.00 Unit

STRUCTURES

Bridge Costs - Oct. 1961 (Revised Annually)

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

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

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

Bridge Width & Costs - (Revised Annually)

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

Railroad Over Highway

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

RAILROAD CROSSINGS

Railroad Crossing Costs - (Revised Annually)

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

Railroad Grade Crossings

Signals - (Single track - low speed)	\$ 80,000 Unit
Signals and Gates(Multiple Track - high	\$110,000 Unit
Signs Only & (low speed)	\$ 800 Unit
Rubberized Railroad Crossings (Per Track)	\$ 750 Lin. Ft.
Pavement Marking	\$ 750 Unit

Maintenance Needs Costs - June 1992 (Revised 1993)

That for the study of needs on the Municipal State Aid Street System, the following costs shall be used in determining the maintenance apportionment needs cost for existing facilities only.

	Cost For Under 1000 Vehicles Per Day -----	Cost For Over 1000 Vehicles Per Day -----
Traffic Lanes: Segment length times number of traffic lanes times cost per mile.	\$1,320 (Per Mile)	\$2,200 (Per Mile)
Parking Lanes: Segment length times number of parking lanes times cost per mile.	\$1,320 (Per Mile)	\$1,320 (Per Mile)
Median Strip: Segment length times cost per mile.	\$ 440 (Per Mile)	\$ 880 (Per Mile)
Storm Sewer: Segment length times cost per mile.	\$ 440 (Per Mile)	\$ 440 (Per Mile)
Traffic Signals: Number of traffic signals times cost for each signal.	\$ 440 (Per Each)	\$ 440 (Per Each)

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

Minimum allowance for mile is determined by segment length times cost per mile.	\$4,400 (Per Mile)	\$4,400 (Per Mile)
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Limited Segments: Combination Routes.

Minimum allowance for mile is determined by segment length times cost per mile.	\$2,200 (Per Mile)	\$2,200 (Per Mile)
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NEEDS ADJUSTMENTS

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

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

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

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

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

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

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

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

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

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

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

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

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

Initial Turnback Maintenance Adjustment - Fractional Year Reimbursement:

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

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

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

TRAFFIC - June 1971

Traffic Limitation on Non-Existing Streets - Oct. 1965

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

Traffic Manual - Oct. 1962

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

Traffic Counting - Sept. 1973 (Revised June 1987)

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

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