



Clay County (Minn.):
Independent School District
No. 152 (Moorhead).

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INDEPENDENT SCHOOL DISTRICT NO. 152
MOORHEAD, MINNESOTA

9/m9/805
min
8.11.87

Notice is hereby given that a regular meeting of the Moorhead Board of Education will be held on Tuesday, August 11, 1987, at 7:30 p.m. in the Board Room at Townsite Centre.

Bennett Trochlil

Bennett Trochlil, Superintendent

MISSION STATEMENT

To maximize the talents of every student in Independent School District Number 152.

ATTENDANCE:

Douglas Fagerlie _____
Jeanne Seigel _____
Michael Hulett _____
C. A. (Curt) Borgen _____

Allen Lund _____
Anton Hastad _____
Wayne Alexander _____
Bennett Trochlil _____

- I. CALL TO ORDER
- II. PLEDGE OF ALLEGIANCE
- III. PREVIEW OF AGENDA - Bennett Trochlil, Superintendent
- IV. APPROVAL OF MINUTES Appendix A

Recommendation: Move to approve the minutes of July 7, 15, and 28th.

*V. CONSENT AGENDA

All items listed with an asterisk () are considered to be routine by the School Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member or citizen so requests, in which event the item will be considered in its normal sequence on the agenda.

Recommendation: Move to approve the items on the consent agenda.

- *VI. CONSIDERATION OF CLAIMS Appendix B
- VII. COMMUNICATIONS
- VIII. OPPORTUNITY FOR CITIZENS TO SPEAK
- IX. "WE ARE PROUD"

X. PRE-SCHOOL--K - GRADE 12 PROGRAM--COMMUNITY EDUCATION

A. UNFINISHED BUSINESS

1. Consider Bus Purchase (Bacon) Appendix C

Explanation: At the July 28 meeting, the Board reviewed bids on one (1) '54 passenger bus, three '66 passenger buses and two '71 passenger buses. Appendix C-1 contains a memo on bus prices and the bus bids summary.

The Board will receive further information regarding the levy plan.

Recommendation: Move to accept bids on buses as recommended in Appendix C-1.

2. Consider Additional Sprinklers - Senior High and South Campus (Lacher) Appendix D

Explanation: Listed below are prices quoted to provide a complete sprinkling to the grass area inside of the track and to cover most of the grass area outside the track at Senior High and South Campus.

<u>Area</u>	<u>Senior High</u>	<u>South Campus</u>		<u>Total</u>
Inside Track	\$2,900	\$3,200	extension of automatic system	\$6,100
Outside Track				
Automatic	2,550	2,550		5,100
Manual	1,970	1,970		3,940
Quick Couplers for Hoses	800	1,100		1,900

The Board will be provided with further background information and rationale.

Recommendation: Move to approve the addition of automatic watering systems at the Senior High and South Campus for \$10,500.

\$ 6,100	
5,100	
<u>11,200</u>	
-700	= 6.25% - discount of award both
<u>\$10,500</u>	

NEW BUSINESS

1. Consider Federal Refugee Assistance Grant Award (Jernberg) Appendix E

Explanation: Appendix E-1 contains a memorandum regarding the Federal Refugee Grant Award for our Limited English Proficiency program in the amount of \$7,267.50 for the 1987-88 school year.

Recommendation: Move to accept the grant award in the amount of \$7,267.50.

2. Personnel (Jernberg) Appendix F

New Employees

Deb Baumler - School Psychologist - MA+45 (6) .75 time, \$20,629.50 (\$27,506) plus two (2) weeks extended \$1133.49 (based on 1986-87 salary)

Jean Schlossman - Occupational Therapist, .50 time, BA (7) \$10,371.50 (\$20,743 - based on 1986-87 salary)

Romney Anderson - 2nd grade teacher, Probstfield, BA (2) \$18,439 (based on 1986-87 salary)

Jackie Mann - Social Studies teacher, Senior High, 1st semester, BA (0) \$5,206.50 (\$18,439 - based on 1986-87 salary)

Betty Myers - Principal, Middle School North Campus, 44 weeks, \$42,000, effective 1987-88 school year

Sharon Hurley - EMH teacher, Washington, BA (7) \$11,844.25, .571 time, \$20,743, effective for 1987-88 school year

Kathy Myers - Medical Records, MTI, BA(11) \$29,110.88 (based on 1986-87 salary), effective September 1

Change in Contract

Linda Johnson - S.T.E.P. teacher, from .7 to full-time for the 1987-88 school year, MA (9) \$26,584 (based on 1986-87 salary)

Retirement

Violet Lien - Nurse's Secretary, Edison, effective July 31, 1987

Resignation

Pam Galloway - Occupational Therapy Assistant Aide, Riverside/Lincoln, effective immediately

3. Consider Leases - Renewals (Jernberg)

Appendix G

Explanation: The following have requested renewal of leases:

Minnesota Rural C.E.P.

3010 sq. ft. @\$8.68 per sq. ft. or an annual fee of \$26,128.80, beginning July 1, 1987 through June 30, 1988 (\$2177.23 monthly)

Foss & Associates

1190 sq. ft. @ \$8.50 per sq. ft. or a monthly payment of \$842.91, beginning July 1, 1987 through December 30, 1987

Recommendation: Move to award renewal of leases to Minnesota Rural C.E.P. beginning July 1, 1987 through June 30, 1988, for \$26,128.80 and Foss & Associates beginning July 1, 1987, through December 30, 1987 for \$842.91 monthly.

4. Consider Bakery & Dairy Bids

(Lacher)

Appendix H

Explanation: Appendix H-1 contains summaries of the 1987-88 Bakery and Dairy Bids.

We will renew our processing contract with Metz Bakery to utilize commodity flour which resulted in a 16% savings for us during 1986-87.

Recommendation: Move to award contracts to Metz Baking Co. and Cass Clay Creameries.

5. Consider 1987-88 Milk Prices

(Lacher)

Appendix I

Explanation: Milk prices have not been increased since 1981-82. It is recommended that the student milk price be increased by \$.03 per carton. This will add approximately \$5700 in revenues to the Food Service.

Recommendation: Move to approve a \$.03 increase in student milk price, from \$.15 to \$.18 per carton for 1987-88.

FOR YOUR INFORMATION

Appendix Z

1. Fall Workshop Schedule - Appendix Z-1

2. Financial Update - The Board will receive information as to year-end financial figures for 1986-87 and an estimated preliminary budget update for 1987-88.

FOR YOUR INFORMATION (continued)

3. Futures Article - "The Futurist", July-August 1987

Appendix Z-3

4. Calendar of Events

<u>Event</u>	<u>Date</u>	<u>Time</u>	<u>Place</u>
Joint Powers	Thursday, Aug. 13	7:00 a.m.	Townsite
MEEP-Riverside	Monday, Aug. 17 - Friday, Aug. 21		Grand Rapids
School Board Bus Tour of Sites	Tuesday, Aug. 25	6:15 p.m.	Townsite
School Board Meeting	Tuesday, Aug. 25	7:30 p.m.	Townsite
School Board/Park Board City Council Facility Planning Meeting	Monday, Aug. 31	5:00 p.m.	Senior High Library
Elements of Instruction I For All New Staff	Monday, Aug. 31 & Tuesday, Sept. 1		Senior High Reading Lab
K-12 Teacher Workshops	Wednesday, Sept. 2 - Friday, Sept. 4		See Schedule (Appendix Z-1)
MTI Teacher Workshops	Thursday, Sept. 3 & Friday, Sept. 4		MTI
School Begins K-12 and MTI	Tuesday, Sept. 8		
Primary Election Day No Activities 6:00-8:00 p.m.	Tuesday, Sept. 8		
School Board Meeting	Tuesday, Sept. 8	8:00 p.m.	Townsite

XI. OTHER PERTINENT ITEMS TO COME BEFORE THE BOARD OF EDUCATION

XII. ADJOURNMENT

NEXT SCHEDULED MEETING Tuesday, August 25, 1987

Regular Meeting
Board of Education
Independent School District #152
July 7, 1987

Members Present: Douglas Fagerlie, Allen Lund, C. A. (Curt) Borgen, Jeanne Seigel, Michael Hulett, Wayne Alexander, Anton Hastad and Bennett Trochlil

The meeting was called to order by Chairperson Fagerlie.

Chairperson Fagerlie led the Board, administration and the audience in the Pledge of Allegiance.

PREVIEW - Trochlil previewed the agenda, adding Personnel, Opportunity for Citizens to Speak, Site Development, and pulling Tuition Fees for 1987-88 and Change Order - Site Development off the consent agenda.

ORGANIZATION OF SCHOOL BOARD - ELECTION OF OFFICERS - Borgen moved, seconded by Hulett, to nominate Seigel for the position of Chairperson for the 1987-88 school year. Hastad moved for nominations to cease, seconded by Alexander. Motion carried.

Fagerlie turned the chair over to Seigel at this time. Hulett thanked Fagerlie from the Board, for the good job as Chair this past year.

Fagerlie moved, seconded by Hastad, to nominate Alexander for the position of Vice-Chairperson for the 1987-88 school year. Hulett moved for nominations to cease, seconded by Borgen. Motion carried.

Borgen moved, seconded by Fagerlie, to nominate Hastad for the position of Clerk for the 1987-88 school year. Alexander moved for nominations to cease, seconded by Hulett. Motion carried.

Fagerlie moved, seconded by Borgen, to nominate Lund for the position of Treasurer for the 1987-88 school year. Hastad moved for nominations to cease, seconded by Alexander. Motion carried.

MEETING DATE AND TIME - Fagerlie moved, seconded by Hulett to hold regular meetings of the Board of Education on the 2nd and 4th Tuesdays of the month at 7:30 p.m. as before, July through October and April through June, and 6:00 p.m. the 2nd Tuesday of the month, 7:30 p.m. the 4th Tuesday of the month, November through March.

Alexander presented a friendly amendment to hold the regular meetings of the Board of Education on the 2nd & 4th Tuesdays of the month at 7:30 p.m. April through October and at 6:30 p.m. November through March. Motion carried.

PER DIEM ALLOWANCE - Alexander moved, seconded by Hulett, to compensate the Board at the rate of \$4,800 per year and reimburse them for necessary expenses incurred in performance of Board functions in accordance with policies relating to reimbursement. Motion carried.

DESIGNATE OFFICIAL NEWSPAPER - Hulett moved, seconded by Borgen, to accept the bid from the Forum as the official newspaper for the School District. Motion carried.

DESIGNATE OFFICIAL DEPOSITORIES - Hastad moved, seconded by Borgen, to approve the following investment brokers and depositories for the School District: Norwest Bank; American Bank and Trust; Moorhead State Bank; American Federal Savings and Loan; Moorhead Federal Savings and Loan Association; F & M Marquette National; Kiene-Wooters, Dain Bosworth, Merrill Lynch; Piper Jaffray & Hopwood; First Bank, Fargo National; Dakota Bank & Trust; NRX; American Savings & Loan; High Yield Management; Financial Northeastern; Cit Bank-Card; MSBA Liquid Asset Fund Plus; and Witt Financial. Bonds are handled by American National, St. Paul; Norwest, Minneapolis; and First National, Minneapolis. Motion carried.

LEGAL ASSISTANCE - Borgen moved, seconded by Lund, to obtain legal services on a time and material basis.

APPOINTMENTS TO COMMITTEES - The following committee representatives for 1987-88 were approved:

Adopt-A-School

Senior High - Alexander
North Campus - Hastad
South Campus - Seigel
Edison - Lund
Probstfield - Borgen
Riverside - Fagerlie
Washington - Hulett

Athletic Council
Boundary/Configuration
Calendar
CAPP (Comprehensive Arts
Planning Program)
Chemical Use (TAHC)
City Planning
Clay County Health
Community Education
Advisory Council
ComNet (MSBA Legislation)
Continuing Education
ECSU Metro
Futures Planning
Joint Powers

Borgen - Lund
Hulett - Lund
Fagerlie - Lund
Seigel

Borgen
Lacher - Fagerlie (alternate)
Seigel
Hastad - Hulett

Alexander - Lund (alternate)
Hastad
Hulett
Seigel, Alexander
Seigel, Hastad

APPOINTMENTS TO COMMITTEES (continued)

Learning Bank	Hastad
MTI Association	Borgen
Negotiations	Hulett (Chair)
	Borgen (Vice-Chair)
PER	Hastad - Fagerlie (alternate)
Police Liaison	Hulett
Policy Review	Seigel - Alexander
Quality Circles	Seigel
S.T.E.P. Advisory Board	Seigel - Hastad (alternate)
Sabbatical Leave	Fagerlie
Technolgy	Hastad - Hulett (alternate)
Title I PAC	Fagerlie
Title IX Advisory	Lund
VRC (Vocational	Fagerlie
Relicensure Committee)	

APPROVAL OF MINUTES - Hulett moved, seconded by Borgen, to approve the minutes of June 9 and the corrected minutes of June 23, 1987. Motion carried.

CONSIDERATION OF CLAIMS - Hastad will review the claims on July 14.

CONSENT AGENDA - Hulett moved, seconded by Fagerlie, to approve the following items on the consent agenda: Minnesota State High School League Membership, Minnesota School Board Association Membership, Membership in West Central ECSU, Membership in Metro ECSU, Authorization of Procedures for the Investment of Excess Funds, Authorization of Payments for Goods and Services in Advance of Board Approval, Acceptance of Gift - Clay County Vocational Center, Acceptance of Gift - Altrusa Club, and Acceptance of Gift - School Patrol. Motion carried.

OPPORTUNITY FOR CITIZENS TO SPEAK - Jerry Keogh, Moorhead businessman, discussed with the Board his request for permission to expand the existing weight room at the Sports Center 12 to 15 feet at no cost to the city or the school district. This additional space would house equipment on a temporary basis until permanent expansion can be completed to include handicapped assessability.

Alexander moved, seconded by Hulett, to refer this item to the administration who will check on the feasibility of the project and get back to the Board with a recommendation to be acted on at the July 15 meeting.

COMMUNITY & ADULT EDUCATION STAFF SALARIES - Borgen moved, seconded by Hulett, to approve the Community & Adult Education staff avocational salaries from \$11.50 to \$11.60 per hour and vocational adult extension salaries from \$14.75 to \$15.35 per hour. Motion carried.

NONRESIDENT STUDENT ATTENDANCE AGREEMENT - Hastad moved, seconded by Borgen, to adopt a reciprocal open enrollment agreement with District #524 & #525 allowing students from Halstad Independent School District #524 and Hendrum Independent School District #525 to attend Moorhead Independent School District #152 and students from ISD #152 to attend Halstad ISD #524 & Hendrum ISD #525 for the 1987-88 school year. The agreement is to be reviewed annually by June and acceptance of students is to be limited by available space. Motion carried.

ATTENDANCE POLICY - Borgen moved, seconded by Hulett, to bring the Attendance Policy back to the Board from the table. Motion carried.

Hastad moved, seconded by Lund, to amend the motion to include travel and family vacation in both policies. Motion carried by roll call vote: Seigel - no, Hulett - no, Alexander - no, Fagerlie - yes, Lund - yes, Borgen - yes, Hastad - yes.

The motion, including the amendment, was carried by roll call vote: Seigel - yes, Hulett - yes, Alexander - yes, Fagerlie - yes, Lund - yes, Borgen - yes, Hastad - yes.

M.S.H.S.L. MEMBERSHIP - As part of the consent agenda, the Board approved membership in the M.S.H.S.L. for the school year 1987-88.

MINNESOTA SCHOOL BOARD MEMBERSHIP - As part of the consent agenda, the Board approved membership in the Minnesota School Board Association for 1987-88 in the amount of \$4,388.35.

TUITION FEES FOR 1987-88 - Discussion was held on tuition fees for students attending our district but who are living in another district and the open enrollment issue. Trochlil will provide more information to the Board and the issue will be brought back to the Board for action.

MEMBERSHIP IN THE WEST CENTRAL ECSU - As part of the consent agenda, the Board approved membership in the West Central Educational Cooperative Services Unit (ECSU) in the amount of \$1,300.00.

MEMBERSHIP IN METRO ECSU - As part of the consent agenda, the Board approved membership in the Metropolitan Educational Cooperative Services Unit (Metro ECSU) in the amount of \$2,145.

AUTHORIZATION OF PROCEDURES FOR THE INVESTMENT OF EXCESS FUNDS -
As part of the consent agenda, the Board approved that, for the 1987-88 fiscal year, the Asst. Supt. - Business, or designee, be hereby vested with the authority and responsibility to invest funds which are not currently needed in accordance with M.S. 118.01, 118.005, 124.05, and 475.66.

AUTHORIZATION OF PAYMENTS FOR GOODS AND SERVICES IN ADVANCE OF BOARD APPROVAL - As part of the consent agenda, the Board approved, the 1987-88 fiscal year, consistent with M.S. 123.335, 123.35 and 471.38, the Asst. Supt. - Business, or designee, be hereby vested with the authority to make the following payments in advance of Board approval when necessary.

MOORHEAD TECHNICAL INSTITUTE BUDGET FOR 1987-88 - Rose Andersen and Becky Brandt presented the 1987-88 MTI budget to the Board. Borgen moved, seconded by Hastad, to approve the MTI budget for 1987-88 and directed the administration to submit it to the state authorities. Motion carried.

PERSONNEL - Borgen moved, seconded by Hulett, to approve the following personnel changes:

New Employee

Richard Jones - Principal, Middle School South Campus, 44 weeks, \$42,000.00, effective the 1987-88 school year
Victor Youngs - Part-time Spanish teacher, Senior High, effective for the 1987-88 school year, BA (0) \$3,687.80 (\$18,439) based on 1986-87 salary schedule
Lee Shook - Band Director, South Campus, BA+45(7) \$23,971 (based on 1986-87 salary schedule)
Esther Stene - Guidance Counselor, Senior High, MA+45(7) \$28,274 plus three weeks extended - \$21,180 (based on 1986-87 salary schedule)

One Year Leave of Absence

Katie Freeman - Elementary Counselor, one year leave for the 1987-88 school year
Gary Hagen - Diesel Instructor, Moorhead Technical Institute, one year leave for the 1987-88 school year

Military Leave

Richard South - Custodian, Senior High, from July 13 - July 24, 1987

Resignation

Valerie Olberg, Admissions Secretary, MTI, effective August 7, 1987

Recall

Ted Guererro - Vocational Advisor, MTI, 124 days, \$23,817 (based on the 1986-87 salary schedule)

Regular Meeting
Board of Education
Independent School District #152
July 7, 1987
Page Six

CHANGE ORDER - SITE DEVELOPMENT - The administration reviewed the site development progress with the Board.

Fagerlie moved, seconded by Hastad, to approve the completion date on the site development change order for August 1, 1987. Motion carried.

ACCEPTANCE OF GIFT - As part of the consent agenda, the Board accepted a Monte Carlo automobile and V6 Buick engine from the Clay County Cooperative Center and directed a letter of thanks be sent.

ACCEPTANCE OF GIFT - As part of the consent agenda, the Board accepted a contribution of \$100 to the Minnesota Literacy Project from the Altrusa Club of Moorhead and directed a letter of thanks be sent.

ACCEPTANCE OF GIFT - As part of the consent agenda, the Board accepted gifts of \$100.00 from the Fire Department and \$100.00 from the Lions Club of Dilworth for the School Patrol and directed letters of thanks be sent.

FOR YOUR INFORMATION

1. Futures Article - "Tomorrow in Brief"
2. Discussion was held on a Board Retreat to be tentatively held on October 3 & 4 in Fergus Falls.

ADJOURNMENT OF MEETING - Alexander moved, seconded by Hulett, to adjourn the meeting. Motion carried.

Anton Hastad, Clerk

Regular Meeting
Board of Education
Independent School District #152
July 15, 1987

Members Present: Douglas Fagerlie, Allen Lund, C.A. (Curt)
Borgen, Jeanne Seigel, Michael Hulett, Wayne Alexander, Anton
Hastad and Bennett Trochlil

The meeting was called to order by Chairperson Seigel.

Chairperson Seigel led the Board, administration and the audience
in the Pledge of Allegiance.

PREVIEW - Trochlil previewed the agenda.

CONSENT AGENDA - Anton Hastad moved, seconded by Mike Hulett, to
approve the following item on the consent agenda: Electrical
Modification.

SPORTS CENTER WEIGHT ROOM EXPANSION - Borgen moved, seconded by
Hastad, to approve a request to the city of Moorhead to tem-
porarily expand the weight training facility at no cost to the
school district or city.

The understanding is that a permanent expansion must bring this
area up to handicapped assessability recommended in the Onsite
Civil Rights Compliance Review dated December 19, 1986.

ELECTRICAL MODIFICATION - As part of the consent agenda, the
Board awarded bids for electrical work at four schools to Kramer
Electric, Inc., Fargo, ND, for \$91,099 and one school to Lakeland
Electric, Pelican Rapids, MN, for \$38,500.

NEGOTIATIONS - Discussion was held on strategies for teachers
negotiations.

Anton Hastad, Clerk

Regular Meeting
Board of Education
Independent School District #152
July 28, 1987

Members Present: Douglas Fagerlie, Allen Lund, Jeanne Seigel,
Michael Hulett, Wayne Alexander, Anton Hastad and Bennett
Trochlil

The meeting was called to order by Chairperson Seigel.

Chairperson Seigel led the Board, administration and the audience
in the Pledge of Allegiance.

PREVIEW OF AGENDA - Trochlil previewed the agenda, indicating the
recommendation for Betty Myers as North Campus Principal would be
brought to the August 11 meeting.

CONSENT AGENDA - Hastad moved, seconded by Hulett, to approve the
following items on the consent agenda: Special Education Gift,
Items for Auction, and Investments. Motion carried.

CONSIDERATION OF CLAIMS - As part of the consent agenda, the
claims were approved, subject to audit, for \$844,757.02.

GENERAL FUND	\$348,259.23
FOOD SERVICE	9,128.01
TRANSPORTATION FUND	26,792.50
COMMUNITY SERVICE	5,731.54
CAPITAL EXPENDITURE	95,761.77
BUILDING CONST	75,693.51
DEBT REDEMPTION	110,833.93
MAVTI-GENERAL FUND	82,005.34
MAVTI COMM SERVICE	3,870.81
VO-TECH CAP. OUTLAY	36,363.28
VO-TECH BOND RDTN	17,182.35
REPAIR & BETTERMENT	5,480.30
FED FINANCIAL AIDS	19,648.95
AVTI STUD SEN & MISC	4,050.19
TOWNSITE CENTRE	3,955.31
TOTAL	\$844,757.02

CONSIDER COMMUNITY EDUCATION PROGRAMS FOR 1987-88 - Mary Davies
reviewed the Moorhead Community and Adult Vocational Education
Annual Report for 1986-87 and Rose Andersen reviewed the Community
Education budget for 1987-88.

Hulett moved, seconded by Hastad, to approve the Community Educa-
tion Advisory Council's goals and budget for 1987-88. Motion carried.

TUITION FEES FOR 1987-88 - Discussion was held on alternatives to
tuition fees as previously recommended. Doug Fagerlie moved,
seconded by Wayne Alexander, to approve the tuition fees for
1987-88 as follows:

Kindergarten Tuition	- \$1713
Elementary Tuition	- \$3426
Secondary Tuition	- \$4796

Motion carried by roll call vote: Fagerlie - yes, Lund - yes,
Seigel - yes, Hulett - yes, Alexander - yes, Hastad - no.

Regular Meeting
Board of Education
Independent School District #152
July 28, 1987
Page Two

ACCEPTANCE OF GIFT - As part of the consent agenda, the Board approved the contribution for \$199.99 to the hearing impaired program from the Fargo-Moorhead Quota Club and directed a letter of thanks be sent.

FOOD SERVICE MEAL PRICES - Ruth Legg discussed with the Board the possible increase of milk prices after bids are open in August and the proposed increase in meal prices of five cents (5¢) per meal for lunch and breakfast for 1987-88.

Hastad moved, seconded by Lund, to approve the increase of five cents (5¢) per meal for lunch and breakfast for 1987-88. Motion carried.

PERSONNEL - Hastad moved, seconded by Fagerlie to approve the following personnel changes:

New Employees

Elizabeth Wolf - full-time Interpreter Aide - South Campus, \$7.72 per hour (based on 1986-87 salary)
Ira Bailey - 3rd grade teacher, Probstfield, BA (0) \$18,439 (based on 1986-87 salary)
Jay Roberts - Interpreter Aide - North Campus, 14 hours weekly, \$6.22 per hour (based on 1986-87 salary)
Nate Johnson - Moorhead Technical Institute Director, \$51,000 (yearly salary), effective August 10, 1987

Change in Contract

Jan Larson - Spanish Teacher, Senior High, from .746 to full-time, BA+30 (10.5) \$25,584 (based on the 1986-87 contract)
Jean Moe - Spanish Teacher, Senior High, from .643 to full-time, BA(0) \$18,439 (based on 1986-87 contract)

Motion carried.

ITEMS FOR AUCTION - As part of the consent agenda, the Board approved the sale of: data entry machine, Bear front end alignment system, two parts washers and one accordion wall from Moorhead Technical Institute, at the August 4 auction.

INVESTMENTS - As part of the consent agenda, the Board approved investments #370 through #380 for \$1,090,000.

BUS ROUTE CONTRACTOR NEGOTIATIONS - Hastad moved, seconded by Hulett, to approve a 2.5% increase for 1987-88 and a 2.5% increase for 1988-89 for bus route contractors.

BUS PURCHASE - Dan Bacon reviewed the bus purchase plan and the five year projection for bus purchase with the Board.

The Board agreed to review the issue further and postpone action until the August 11 meeting.

Regular Meeting
Board of Education
Independent School District #152
July 28, 1987
Page Three

BUS PURCHASE - Dan Bacon reviewed the bus purchase plan and the five year projection for bus purchase with the Board.

The Board agreed to review the issue further and postpone action until the August 11 meeting.

P. E. R. REPORT - Jim Cummings, 1986-87 P.E.R. Chairperson, reviewed the P.E.R. Report with the Board.

ASBESTOS REMOVAL - NORTH CAMPUS - Hastad moved, seconded by Alexander, to approve the addition of \$1,400 for removal of asbestos containing material in the music area office at North Campus. Motion carried.

GRANT - HANDICAPPED BARRIER - Alexander moved, seconded by Hulett, to approve the grant award of \$20,000 for removal of handicapped barriers at the Senior High. Motion carried.

VESTIBULE INSTALLATION - EXTERIOR DOOR REPLACEMENT - Hastad moved, seconded by Lund, to award bids for vestibule installation and exterior door replacement at the Senior High to CM of North Dakota for \$36,320. Motion carried.

ADDITIONAL SPRINKLERS - SENIOR HIGH, SOUTH CAMPUS - Kaste discussed with the Board the request for an addition of automatic watering systems at the Senior High and South Campus to provide a complete sprinkling to the grass area inside of the track and covering most of the grass area outside the track.

The Board asked to have this item postponed until the August 11 meeting.

FOR YOUR INFORMATION

1. Community-Wide Needs Assessment - Trochlil discussed the 1987 report with the Board, done by United Way, and indicated it has a major impact on our school district.

2. Futures Article - The Futurist, July-August 1987

OTHER PERTINENT ITEMS TO COME BEFORE THE BOARD OF EDUCATION

1. MSBA Management Seminar Reservations - August 6,7

2. ENROLLMENT ADJUSTMENTS - Jernberg reviewed proposed action taken to keep elementary class sizes small by student transfers to other buildings.

3. LEVIES - Trochlil discussed impact of local rather than state levies affecting the whole plan of the district.

4. AUGUST 25 MEETING - Trochlil informed the Board there would be a district-wide site tour at 6:15, August 25, before the Board meeting.

Anton Hastad, Clerk

22-Jul-87

Appendix C-1
Page 1 of 4

TO: Moorhead School Board
Dr Ben Trochlil
Bob Lacher

FROM: Dan Bacon

SUBJECT: Bus Purchase 1987 and 5 Year Projection for Bus Purchase

On June 15, 1987, bids were accepted regarding the purchase of buses by Moorhead Public Schools.

THIS PACKAGE IS RECOMMENDED FOR BUS PURCHASE

54 PASSENGER WITH LIFT AND WHEEL CHAIR POSITIONS

BODY	\$18,330.00
FORD CHASSIS	\$19,148.98
TOTAL	\$37,478.98

66 PASSENGER ROUTE BUS

TWO GMC + ONE IHC

BODY	\$16,552.00		\$16,552.00
GMC CHASSIS	\$21,064.00	IHC CHASSIS	\$23,559.54
TOTAL	\$37,616.00		\$40,111.54

71 PASSENGER ROUTE BUS 2 FORDS

BODY	\$17,109.00
FORD CHASSIS	\$25,210.12
	\$42,319.12

SUB-TOTAL \$237,460.76

TRADE IN ALLOWANCES

Bus 4	\$1,000.00
Bus 14	\$1,000.00
Bus 21	\$1,000.00
Bus 22	\$1,000.00
Bus 25	\$1,000.00
Bus 2B	\$1,500.00
BUS 2A	\$1,000.00

TO BE PURCHASED OUTRIGHT BY PROPERTY SERVICE

\$7,500.00

PACKAGE TOTAL \$229,960.76

Page Two
Bus Purchase

With this recommendation we will be replacing seven of our nine pre-1978 vehicles with six new route buses. The remaining two pre-1978 buses will allow us to upgrade the quality of our spare buses and extend the time of bus replacement of our aging fleet.

The projected replacement schedule for buses for the next five years will be:

1987-88	Replace 5 regular route and 2 special ed buses Bus 4, 14, 21, 22, 25, 2A & 2B
1988-89 \$230,000	Replace two route buses and two transit busses Bus 3, 6, and Spud Bus
1989-90 \$ 83,000	Replace two route buses Bus 13 & 19
1990-91 \$ 87,000	Replace one route and one special ed bus Bus 2 & 81
1991-92 \$ 90,000	Replace one route and one special ed bus Bus 2C & 23
1992-93	Replace one route and one special ed bus Bus 24 & 82

Following this plan we would be on an eight to ten year replacement schedule in 1996-97 and able to replace 2 - 3 buses per year. Fleet expansion, if needed, could be done during 1992-93, 1993-94 or 1994-95.

I would recommend exercising a levy authority for the current bus purchase so that the bus purchase account would not go into deficit. It appears that we would have authorization to levy .8 to 1.7 mil as a result of this proposal. This will allow the School District more flexibility should additional school buses be needed, as well as maintaining that account balance for future replacement.

Possible effects of a bus purchase levy:

All data is taken from figures developed in August of 1985

Property values are declining, this should have the effect of reducing or holding down tax rates if the total mills are constant.

	RESIDENTIAL	AGRICULTURAL	INDUSTRIAL
MARKET VALUE	\$65,000.00	\$1,000,000.00	\$200,000.00
		ACRE SIZE	
INCOME	\$25,000.00	1120	\$30,000.00
TAX INCREASE	\$4.56	.114/ACRE	\$59.68
1 mill = \$138000 revenue			

Page Three
Bus Purchase

Without levying for this and following the planned replacement schedule it would be 1997-98 before a positive balance would be reached in the bus purchase account.

DB:KP
MM-870002

BODY BIDS

18-Jun-87

	BASIC BID	AM RADIO	WEBASTO HEATER	CENTER HEATER	ADD CASSETTE	ACTIVITY SEATS	COMPARTMENTS
54 PASSANGER HANDECAP BUS MCLAUGHLIN EQUIP	\$16,665.00	(\$65.00)	\$1,665.00		\$240.00		

HUGLUND BUS CO	\$17,530.00		\$1,525.00				
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65 PASSANGER

MCLAUGHLIN	\$14,647.00	(\$65.00)	\$1,665.00	\$240.00			
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HUGLUND BUS	\$14,637.00		\$1,525.00				
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71 PASSANGER

MCLAUGHLIN	\$15,204.00		\$1,665.00	\$240.00	\$45.00	\$1,400.00	\$800.00	1 EA 100X24X225/8 1/2
HUGLUND	\$14,997.00		\$1,525.00		\$335.00	\$1,055.00	\$417.00	1 EA 24X223/4X98

ALL CHASSIS BIDS WERE SUBMITTED UNDER MCLAUGHLIN EQUIPMENT'S BID BOND
NO SEPERATE CHASSIS BIDS WERE SUBMITTED.

CHASSIS BIDS

! NEEDED FOR ACTIVITY BUS WITH CARGO BAY
AND EXTRA FUEL TANK

	BASIC BID	TACHOGRAPH	5X2 MANUAL	14 PLY TIRES	HEAVY AXLE	SPRINGS	GASOLINE MOTOR
54 PASSANGER INTERNATIONAL	\$23,647.15 INC		(\$923.13)				
FORD	\$18,278.98	\$870.00	(\$1,641.00)				(\$1,549.75)
GMC	\$20,314.00	\$750.00	(\$1,800.00)				(\$3,075.00)


66 PASSANGER

INTERNATIONAL	\$23,559.54		(\$923.13)				
FORD	\$23,472.52	\$870.00	(\$3,613.00)				(\$3,708.75)
GMC	\$20,538.00	\$750.00	(\$1,800.00)				(\$3,162.00)

71 PASSANGER

INTERNATIONAL	\$28,647.15 INC		(\$2,528.37)	\$338.00			
FORD	\$24,340.12	\$870.00	(\$3,613.00)	\$225.00			(\$4,455.75)
GMC	\$23,172.00	\$750.00	(\$1,800.00)	\$120.00	\$872.00	\$25.00	(\$3,162.00)

Capitol Square 550 Cedar Street Saint Paul, Minnesota 55101

AN EQUAL OPPORTUNITY EMPLOYER 

QUANTITY	DESCRIPTION	BREAD BID		NO COM- MODITY	COMMODITY FLOUR	NO Com- modity	commodity Flour
		<u>Dolsun</u>	<u>metz</u>				
32,100 LVS	1½ Lb. Bread, white slices per loaf <u>21</u>	<u>.6280</u>	<u>.555</u>	(21)	<u>.49</u>		<u>.42</u>
800 LVS	1½ Lb. Bread, whole wheat or rye, slices per loaf <u>21</u>	<u>.6280</u>	<u>.555</u>	(21)	<u>.49</u>		<u>.44</u>
5,700 DOZ	Coney Buns, sliced, bulk pack, standard length	<u>.6333</u>	<u>.58</u>		<u>.49</u>		<u>.44</u>
21,865 DOZ	Hamburger buns, sliced, bulk pack, 4"	<u>.6308</u>	<u>.565</u>		<u>.49</u>		<u>.43</u>
300 DOZ	Hamburger buns, sliced, bulk pack, 4", sesame seeds	<u>.6608</u>	<u>.595</u>		<u>.49</u>		<u>.43</u>
2,600 LVS	French Bread, 1 Lb.	<u>.6337</u>	<u>.58</u>		<u>.49</u>		
1,000 DOZ	Footlong Buns, sliced bulk pack, 10"	<u>1.1913</u>	<u>1.10</u>		<u>.85</u>	<u>pkg of 8</u>	
3,600 DOZ	Tea Biscuit, dozen	<u>.6367</u>	<u>.595</u>		<u>.49</u>		
700 DOZ	French Dip or Hogie bun, 6", sliced, dozen	<u>1.1793</u>	<u>1.10</u>		<u>1.00</u>	<u>per doz.</u>	
700 DOZ	French Dip or Hogie bun, 6", sliced, dozen, sesame seeds	<u>1.1793</u>	<u>1.10</u>		<u>1.00</u>	<u>per doz.</u>	

MILK BID

Cass } *Bridgman*
Clay }
 DELIVERED
 UNIT
 PRICE
Del.
Unit
Price

QUANTITY	DESCRIPTION	PRICE	Price
	1. Half Pint Size 3.25% White/per container	.1190	.1238
	2. Half Pint Size 1.0% Chocolate/per container	.1083	.1102
	3. Half Pint Size 2.0% Butterfat White/per container	.1062	.1048
	4. Half Pint Size Skim Milk/per container	.0917	.09
400 Gal	5. Shake Mix - Vanilla	2.50	2.39
400 Gal	6. Shake Mix - Chocolate	2.70	2.55
500	7. 1/2 Gallon Homo Milk	.86	.88
40	8. -4- Lb. Sour Cream	3.00	4.00
500	9. Quarts 2%	.41	.44
750	10. Lb. Butter A Parch	1.75	1.80
60	11. Lb. Butter Chip 90	1.86	1.93
130	12. Lb. Butter Tray Pak	23.76	2.00
33	13. -5- Lb. Cottage Cheese Small Curd	3.67	2.95
1,360 Bx	14. Novelties, 2 Dozen Per Box		
	A. Dixie Cups Ice Cream	2.94	3.15
	Sherbert	2.84	3.00
	B. Creme Freeze	2.05	1.90
	C. Fudgesicles	2.23	2.07
	D. Cheerios	2.76	2.70

Base Price if escalator clause proposed 0 per hundredweight. Adjusted for: 2% escalator clause attached. 12.27

MILK1

MEMO

TO: Board of Education

FROM: Mary Bonemeyer
Robert Lacher

DATE: August 5, 1987

RE: Dairy Bids

The Bridgeman dairy bid contains an escalator clause. This means that the quoted unit price of milk will change as the Federal Market Order #68-Class One Fluid price of milk changes. For each .06 increase per hundred pounds of Class One Fluid milk, our cost will increase .0003 per half pint.

During 1986-87 we experienced two price increases from dairy due to the increase in raw milk costs and the escalator clause in our bid.

	<u>Bridgeman</u>	<u>Cass Clay</u>
Bid - August 1986	.1050/carton	.1082/carton
December 1986	.1085	(Firm Bid)
January 1987	.1096	

According to U.S.D.A. Agricultural Marketing Division, it is expected that the cost of raw milk will increase approximately 50-60¢ per hundredweight from the current level. This increase is expected through January.

<u>1987-88 Bids (2% milk)</u>	
<u>Bridgeman</u>	<u>Cass Clay</u>
.1048	.1062
(contains escalator clause)	(Firm Bid)

If the price per hundredweight of raw milk increases 50¢, our cost of milk from Bridgeman could rise to .1072/carton.

Recommendation: Based on last year's experience with the escalator and the prediction of increasing raw milk costs, we recommend to move awarding the dairy bid to Cass Clay Creameries.

MB:lls

MOORHEAD PUBLIC SCHOOLS
1987-88
K-12 FALL WORKSHOP

Monday/Tuesday - August 31-September 1

Elements of Instruction I - Includes all new staff - Sr. High Reading Lab

Wednesday, September 2

7:00 a.m. New Staff Breakfast - Sr. High Library

8:30 a.m. Building Staff Development Planning - Welcome by Board
Adopt-A-School Member - Individual School Buildings

11:30 a.m.--1:00 p.m.
Lunch Break - New Staff Luncheon at the Ramada Inn (Pilatus Room)
...sponsored by MEA

1:00 p.m. Continue Building Staff Development and Planning -
Individual School Buildings

Thursday, September 3

7:30 a.m.--8:15 a.m.
Coaches Meeting - Sr. High Auditorium

8:30 a.m. General Session - Sr. High Auditorium
(ALL STAFF -- CERTIFIED AND NON-CERTIFIED)
• Welcomes
• Board Chair
• Superintendent (A look at 1987-88)
• Introduction of New Staff
• Recognition of Selected Staff - Tom Case or Dennis Mitchell
• Announcements
• Teacher Center
• Learning Bank

9:30 a.m. Break

9:50 a.m. Speaker
• Jeanne Robertson - A "tall" speaker with a "tall" sense of humor

11:30 a.m.--1:00 p.m.
Lunch Break

1:00 p.m.--3:00 p.m.
Paraprofessionals and Aides Workshop - "Creating Effective Visuals"
- Sr. High Reading Lab

1:00 p.m.--3:30 p.m.
Assertive Discipline for Bus Drivers - MTI Multi-Purpose Room

MOORHEAD PUBLIC SCHOOLS
1987-88
K-12 FALL WORKSHOP
(Continued)

Thursday, September 3 (Cont.)

1:00 p.m.--3:00 p.m.

Department and Grade Level Meetings

<u>Department/Grade</u>	<u>Location</u>	<u>Meeting Room</u>
Kindergarten	Senior High School	Room 201
Grade 1	Senior High School	Room 202
Grade 2	Senior High School	Room 125
Grade 3	Senior High School	Room 301
Grade 4	Senior High School	Room 302
Grade 5	Senior High School	Room 303
Grade 6	Senior High School	Room 304
Secondary English	Senior High School	Room 119
Secondary Social Studies	Hjemkomst Center	Room A-B
Secondary Science	Senior High School	Room 316
Secondary Math	Senior High School	Room 309
K-12 Business Ed.	Senior High School	Room 306
K-12 Phy. Ed./Health	Senior High School	Room 108
7-12 Home Economics	Senior High School	Room 214
7-12 Industrial Arts	Senior High School	Room 121
K-12 Guidance	Senior High School	Conference Room
K-12 Music	Senior High School	Band Room
K-12 Art	Senior High School	Room 124
K-12 Foreign Language	Senior High School	Room 132
Librarians	Senior High School	Library
Speech/Language	Townsite Centre	Room 104
TMH	Senior High School	Room 206
EMH	Senior High School	Room 134
SLD	Townsite Centre	Room 100
E/BD	Senior High School	Room 112

2:00 p.m.--3:00 p.m.

Elementary School Substitute Inservice
Secondary School Substitute Inservice

Room 225 (Sr. High)
Room 226 (Sr. High)

Friday, September 4

Classroom preparation and building meetings

8:30 a.m.--11:30 a.m.

Health Technicians Inservice

Sr. High Nurses Office

8:30 a.m.--11:00 a.m.

Special Services Coordinator

Townsite Board Room

1:00 p.m.--3:30 p.m.

All district special education services certified personnel
(O.T., Teachers of SLD, E/BD, DAPE, Speech, EMH, TMH, H.I., V.I.,
Psychologists, Social Workers, EC:SE) building principals, and
secretaries dealing with special education activities

Sr. High Auditorium

FUTURE SCOPE

Pay Now, Learn Later

A "layaway" plan for college education

The rising cost of college may be eased by allowing parents to invest in their children's future education at today's tuition rates.

A "tuition futures" program before the Illinois legislature would allow parents to pay state college expenses at the existing tuition rate, starting when the future student is only two years old. A similar plan has already been adopted in Michigan, Youth News Service reports.

For example, if the tuition rate were \$3,000 when their child is two years old, the parents would pay \$12,000 (for four years' tuition) over a period of five years, or \$2,400 a year. Parents could withdraw from the program if the child does not attend a state college, and they would receive a refund plus interest.

Source: Youth News Service, 2025 Pennsylvania Avenue, N.W., Suite 501, Washington, D.C. 20006.

More Literacy in China

Entire population mobilized to fight illiteracy

China is having great success meeting the goal of eradicating illiteracy by the year 2000, despite a largely rural population that is unevenly distributed over the country's vast area, reports UNESCO.

Literacy classes are run by industrial and commercial enterprises, communications and transport services, trade unions, and agricultural institutes. Millions of literate citizens act as part-time literacy teachers. And workers get time off to attend classes.

Source: *UNESCO Special*, United Nations Educational, Scientific, and Cultural Organization, 7, place de Fontenoy, Paris 75700 France.

Work in Good Health

Exercise, lifestyle seminars promote healthier employees

Workplace health-promotion programs are growing both in numbers and in the range of employees they reach.

Half of the work sites in the United States with more than 50 employees now have some type of health-promotion program, says Anne Kiefhaber of the U.S. Department of Health and Human Services.

Some companies team up with educational institutions. For example, Southwestern Bell and Washington University in St. Louis have developed a wide-ranging program called Working Hearts. Visiting health professionals teach workers about smoking, weight loss, cholesterol, blood pressure, exercise, and response to stress. In addition, employees learn to recognize the symptoms of a heart attack.

The Working Hearts program offers peer support for those trying to lose weight or quit smoking. And, because trainers come to the work site, such barriers

as lack of transportation or time are eliminated. The program also cuts health-care costs and increases morale and productivity, says Randy Barron of Southwestern Bell.

Source: Washington University in St. Louis, Campus Box 1070, One Brookings Drive, St. Louis, Missouri 63130.

Cultural Differences and Business

Understanding the nuances of global negotiations

Business negotiators need a better understanding of cultural differences when dealing in the increasingly interdependent global marketplace, according to the International & Domestic Negotiating Institute.

A written contract, for example, means different things in different cultures. Negotiators in North America, West Germany, and the Soviet Union tend to expect compliance "to the letter of the law" when signing a contract, says the Institute. The West German Civil Code can add duties and prohibitions over and above an exhaustively thorough contract. Negotiating the terms of a contract in the Soviet Union is difficult because of the importance of the document to the Soviet bureaucracy.

On the other hand, the spirit of a contract tends to be more important than the specifics for Japanese and Latin American businesses. The contract is seen as an ideal statement; renegotiations are expected as new conditions arise.

Source: International & Domestic Negotiating Institute, P.O. Box 882, Red Bluff, California 96080.

Earthquake-Resistant Buildings

Architects should study the sturdy

Buildings that survive earthquakes may provide valuable lessons for dealing with future quakes. Engineers often examine structures that have been seriously damaged by earthquakes, but neglect the buildings that withstood the tremors. Two multistory buildings in Mexico City that suffered little damage from the city's 1985 earthquake now are under close study by University of Illinois researchers.

The two concrete buildings were reinforced with steel braces before the earthquake. The researchers will place vibration generators on top of these buildings to examine how well they dampen vibrational energy and how the soil and foundation respond. The results of the experiments will be incorporated into computer models for studying other structures.

In the aftermath of an earthquake, says civil engineering professor Keith Hjelmstad, "it is vital that as many lessons as possible be learned from the tragedy, so that new buildings might be designed and constructed better or existing structures strengthened against future shocks."

Source: University of Illinois at Urbana-Champaign, 807 South Wright Street, Champaign, Illinois 61820.

INDEPENDENT SCHOOL DISTRICT NO. 152
MOORHEAD, MINNESOTA

9/179/1805-
men
8-25-87

Notice is hereby given that a regular meeting of the Moorhead Board of Education will be held on Tuesday, August 25, 1987 at 7:30 p.m. in the Board Room at Townsite Centre.

Bennett Trochlil
Bennett Trochlil, Superintendent

MISSION STATEMENT

To maximize the talents of every student in Independent School District Number 152.

ATTENDANCE:

Douglas Fagerlie _____	Allen Lund _____
Jeanne Seigel _____	Anton Hastad _____
Michael Hulett _____	Wayne Alexander _____
A. C. (Curt) Borgen _____	Bennett Trochlil _____

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

III. PREVIEW OF AGENDA - Bennett Trochlil, Superintendent

*IV. CONSENT AGENDA

All items listed with an asterisk () are considered to be routine by the School Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member or citizen so requests, in which event the item will be considered in its normal sequence on the agenda.

V. COMMUNICATIONS

VI. OPPORTUNITY FOR CITIZENS TO SPEAK

VII. "WE ARE PROUD"

VIII. MOORHEAD AREA VOCATIONAL TECHNICAL INSTITUTE AGENDA

A. UNFINISHED BUSINESS

B. NEW BUSINESS

IX. PRE-SCHOOL--K - GRADE 12 PROGRAM--COMMUNITY EDUCATION

A. UNFINISHED BUSINESS

B. NEW BUSINESS

1. Consider Class Size (Jernberg) Appendix A

Explanation: Members of the community have requested to discuss with the Board issues of class size, boundaries, and financial considerations regarding these issues.

Recommendation: For information and discussion only.

2. Review Secretarial, Health Technician, Lunch Room Supervisor Positions-North (Jernberg) Appendix B

Explanation: Appendix B-1 contains a proposal form regarding secretarial, health technician and lunch room supervisor position changes. Based on this proposal and further discussions with Betty Myers and administrators, it is recommended that an additional half hour time be granted to the health technician/library/lunch room position at North and that an additional position of three and one half hours for health technician and secretarial aide be authorized.

Recommendation: Move to approve the position changes as outlined.

3. Consider Personnel (Bergen) Appendix C

Change in Contract

Paula Frazee Sperling - from SLD Aide to third grade teacher, Edison, BA (0) \$18,439 (based on 1986-87 salary schedule)

Resignation

Jacquelyn Mann - LD Aide, Senior High, effective immediately

Ann Lilleboe - Kitchen Server, Probstfield, effective immediately

Contract Adjustment

Beverly Bjork - Assistant Principal, Senior High School, see Appendix C-1

4. Contracted Custodial
Services

(Lacher)

Appendix D

Explanation: The bid summaries for the custodial services at North Campus are listed in Appendix D-1.

We were anticipating cost reductions near 25% based on preliminary discussions.

Recommendation: The recommendation is to reject all bids.

5. Consider Special Milk
Program for Kindergarten
Students

(Lacher)

Appendix E

Explanation: Refer to Appendix E-1.

The rationale for supporting option #2 is:

- 24% of students are eligible for free milk
- good nutrition for students
- nutrition is related to learning
- encourages participation in regular food service program
- expectation of community to assistance through available federal programs

Recommendation: Move to offer special milk program to kindergarten students with eligible students receiving free milk and a charge of \$.03 per carton to all other kindergarten students.

FOR YOUR INFORMATION

Appendix Z

1. MVA Governance Forum - Curt Borgen, Nate Johnson, Cleo Butterfield, Lloyd Chale, Gary Ellingson, Keith Togstad, Joan Ostlie, Carol Grinaker, Charlotte Christensen and Ben Trochlil attended the MVA (Minnesota Vocational Association) Governance Forum on Wednesday, August 19 in Minneapolis. Nate Johnson will report on the governance.
2. MTI ADM/FTE Report - Appendix Z-2 is a report on the Moorhead Technical Institute ADM/FTE information reported to the State for the 1986-87 school term.
3. Transportation Update - Dan Bacon will present information on New Driver Training and other pertinent transportation issues.
4. Futures Article - "The Futurist," May-June 1987 - Appendix Z-4

CALENDAR OF EVENTS

<u>Event</u>	<u>Date</u>	<u>Time</u>	<u>Place</u>
Negotiations-Teachers	Thursday, Aug. 27	5:00 p.m.	Townsite
Board Meeting	Thursday, Aug. 27	8:00 p.m.	Townsite
Negotiations-Supervisors	Friday, Aug. 28	8:00 a.m.	Townsite
Elements of Instruction	Monday, Aug. 31 and Tuesday, Sept. 1	8:00 a.m.	Senior High Reading Lab
Joint Meeting City/School District	Monday, Aug. 31	7:00 a.m.	Townsite
Opening Workshop	Wednesday, Sept. 2 - Friday, Sept. 4		
Joint Powers	Thursday, Sept. 3	7:00 a.m.	Townsite
Negotiations-Teachers	Friday, Sept. 4	12:00 noon	Townsite
Valley Fest	Friday, Sept. 11 & Sunday, Sept. 13		City of Moorhead
Inventors Fair	Saturday, Sept. 12 & Sunday, Sept. 13		Holiday Mall

X. OTHER PERTINENT ITEMS TO COME BEFORE THE BOARD OF EDUCATION

XI. ADJOURNMENT

NEXT SCHEDULED MEETING Thursday, August 27 - 8:00 p.m.
(special meeting)

January, 1987

MOORHEAD PUBLIC SCHOOLS
Moorhead, Minnesota

87-88 Budget
(Year)

PROPOSAL FORM

NAME OF BUILDING: Middle School--North Campus

TOPIC OF PROPOSAL: Secretarial (office & library), Health Technician, Lunchroom
Supervisor Positions

SUBMITTED BY: Betty Myers, Principal DATE: 8-13-87

SUBMITTED TO: Bob Jernberg DATE TO BE IMPLEMENTED:
Bob Lacher

BUSINESS OFFICE REVIEW WITH COMMENTS ATTACHED: _____

PERSON RESPONSIBLE TO RECOMMEND
TO SUPERINTENDENT: _____

Recommendation (by person responsible):

Approve X *as attached.* Disapprove _____ Hold _____ Refer to Cabinet _____

Date 8/14/87

DISTRICT MISSION STATEMENT: To maximize the talents of every student in Independent School District #152.

Complete a description of your program proposal. All eight (8) areas must be addressed. Information in support of your proposal should be as comprehensive as possible and must support the district philosophy.

1. Describe the proposal for funding.

The Middle School-North Campus is presently served by one full-time secretary and one person who serves as part-time secretarial aide, health technician, librarian's secretary, and as a lunchroom supervisor. This proposal consists of three parts.

1) The latter person's 7-hour day is divided among the 4 areas as follows:

Health Technician and Secretarial Aide	1.15 hours
Librarian's Aide/Secretary	1.15
Lunchroom Supervisor	1.45
Librarian's Aide/Secretary	2.45

I propose that the schedule for this person be revised and increased by 1/2 hour:

Health Technician	1.00
Lunchroom (Sell tickets before class)	.30
Librarian's Aide/Secretary	6.00

- 2) I propose that the District hire a person to serve as part-time, combination Health Technician and as a secretarial aide in the office for 4 1/2 hours daily, 8:30-1:00.
- 3) I propose that the District hire a person to aid in lunchroom supervision for 2 hours daily (11:30-1:30). This person would be in addition to the 4 supervisors presently allocated to the building.

2. Explain in detail the rationale or purpose of the proposal. This includes research that supports the proposal. (Please relate, if possible, your rationale to the previously identified high priority problems of your school.)

The two present employees' workload is excessive, and their time is fractured. The present employee who serves the 4 areas would be best utilized as a part-time Health Technician and librarian's secretary/aide; she is well-trained in these areas. The library at North must be closed during the lunch periods which could be a time of heavy usage and could compensate for the lack of a full-time librarian at minimal cost.

A Health Technician's responsibilities are time-consuming and involve much record-keeping. The present employee could attend to the more complicated tasks every day for 1 hour. The remainder of those responsibilities could be attended to by someone who would also aid the full-time secretary.

The lunchroom supervisory time is an expensive use of a well-trained library secretary/aide.

Maslow's "Hierarchy of Needs" theory is that people can not function well until their most basic physical and "survival" needs are met. These 2 people we presently have on staff at North are stretched beyond what is reasonable to expect of them--they are undoubtedly functioning at their lower psychological need levels. If we expect high quality work of them, we have to address this situation. In addition, these people directly serve the basic organizational "survival" needs of all the rest of the staff and the students. We must be certain, in turn, that those needs are met.

3. State the negative implications if the proposal is not approved.

The students at North would be denied help in and access to the library at the most optimum level possible in a library with a part-time librarian. The library curriculum is a weak area of the curriculum at North, and anything that can be done to improve it will benefit the students.

The students would be forced to continue to buy lunch tickets just before eating, leaving many with approximately 8 minutes to go through the line and eat. (This has been the subject of complaints from students, parents, and staff.)

The one full-time secretary will not be able to attend adequately to her duties.

4. List alternative actions available if this proposal is not approved. (It is assumed that any alternative listed is less desirable than the proposal.)

The present employee who serves the 4 areas could continue to cover the lunch periods 11:30-1:15, and the library could be closed.

The additional part-time secretary/Health Technician aide could be hired for 3 1/2 hours daily (9:30-1) rather than for 4 1/2 hours.

5. Estimate the cost implications of this proposal on the following chart.

PROPOSAL BUDGET

PERSONNEL	*1 Number Re-quested	Total Cost	Code to be Charged	Reimburse-ment (Fed/State)	Net District Cost
Administrators					
Teachers					
Clerical	1	148.	Increase of .84 daily x 176 days		
Aides:	1	4784.	New Person: 6.04 x 4.5 hrs. daily x 176 days		
No. & Hrs/Day					
Teacher Aides					
Noon Aides	1	1978	5.62 x 2 hrs daily x 176 days		
FRINGE BENEFITS		Total Salaries 6910 Worker's Compensation X salary X .0043 =			8292.
SUPPLIES					
*2 CAPITAL OUTLAY					
OTHER EXPENSES					
<p>*3 TOTAL COST _____ Net District Cost _____</p> <p>Comments on budgetary items:</p>					

- 1 F.T.E. (Full-time equivalent)
- 2 Equipment, remodeling, site improvement, etc.
- 3 Review by Business Office before Superintendent's Approval

6. Space implications (short/long range).

None.

7. Equity implications.

Not applicable.

8. Suggested timeline for implementation.

Lunchroom Supervisor-Sept. 8, 1987

Aides-August 24, 1987

9. Other comments:

MEMO #: B230

MEMO TO: BOARD OF EDUCATION
DR. TROCHLIL

FROM: ROBERT LACHER *R. Lacher*

DATE: AUGUST 17, 1987

SUBJECT: CONTRACTED CUSTODIAL SERVICES - MSNC

COSTS

We presently have two (2) eight hour positions staffing the building.

	CLASS	PRESENT RATE	STARTING RATE	MID POINT	MAY
One (1) Headman	B31	\$10.60	\$ 8.95	\$ 9.85	\$11.05
One (1) Nightman	A12	<u>8.72</u>	7.07	8.12	9.17
		\$19.32			

	RATE x MONTHS	ANNUAL COST
Health Ins.	96.36 X 12 =	\$1,156.52
Life Ins.	\$50,000 X .16M = 8.50 x 12 =	96.00
LTD	.00557 X Salary =	223.84
Worker's Comp.	.003 X Salary =	120.56
PERA	4.25% X Salary =	1,707.91
Soc. Sec.	7.51% X Salary =	<u>3,017.96</u>
Fringe Sub. Total		\$6,322.59
Salary Headman		20,048.00
Salary Nightman		<u>18,138.00</u>
Salary Subtotal		38,186.00
TOTAL		<u>\$44,508.59</u> =====

PROPOSAL

(See attached bids - Pride and Service Master).

<u>PRIDE</u>	<u>Contractor</u>	<u>Present Cost</u>	<u>Cont. - Present Variance</u>
Labor - 19 hours x 8.89 x 260 =	43,916.60 (16 Hrs)	38,186.00	(5,730.60)
Fringes	Included	6,322.59	6,322.59
Supplies - All items	3,500.00	*1,800.00	(1,700.00)
Equipment	<u>1,500.00</u>	<u>* 400.00</u>	<u>(1,100.00)</u>
	\$48,916.60	\$46,708.59	2,208.01

SUMMARY:

It would cost \$2,208.01 more per year for contracted services. They have estimated 19 hours per day.

We asked what the cost would be for 16 hours and we were quoted a reduction of \$3,915.60 or a net reduction of \$1,707.59 = 3.66%.

We believe the advantage of in-house staff versus contracted service is something greater than 3.66%.

If the contractor would provide 16 hours per day at \$8.89 plus the supplies and equipment our costs would be \$41,626.80 or a reduction of 14.54%. Unfortunately they cannot put this package together.

*Estimates

cc: Mrs. Myers
Mr. Schrank
Mr. Steinkopf
Mr. Bergen
Mr. Hetland
Mr. Halmrast, Pride Chemical

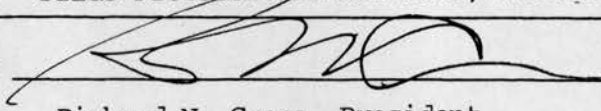
INDEPENDENT SCHOOL DISTRICT #152
BUSINESS OFFICE
810 - 4th AVENUE SOUTH,
MOORHEAD, MINNESOTA

AFFIDAVIT OF NON-COLLUSION: I hereby swear (or affirm) under the penalty of perjury:

- (1) That I am the vendor (if the vendor is an individual), a partner in the vendor (if the vendor is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the vendor is a corporation);
- (2) That the attached quote or quotations have been arrived at by the vendor independently, and have been submitted without collusion with, and without any agreement, understanding, or planned common course of action with, any other vendor of materials, supplies, equipment, or services described in the invitation to quote, designed to limit independent bidding or competition;
- (3) That the contents of the quote or quotations have not been communicated by the vendor or its employees or agents to any person not an employee or agent of the vendor of its surety on any bond furnished with the quote or quotations, and will not be communicated to any such person prior to the official opening of the quote or quotations, and;
- (4) That I have fully informed myself regarding the accuracy of the statements made in this affidavit:

SUBMITTED BY:

Firm Name Pride Professional Services, Incorporated

Signature 

Title Richard N. Gross, President

Address 120 South 21st Street

Moorhead, Minnesota 56560

Phone No. (218) 233-3415

Date August 10, 1987

INDEPENDENT SCHOOL DISTRICT #152
CUSTODIAL SUPPLIES

BUSINESS OFFICE
I.S.D. #152
810 SOUTH 4 AVENUE
MOORHEAD MN 56560
(218) 236-6400 EXT 222

If alternates are bid, please indicate specifications.

ITEM	DESCRIPTION	
1.	VINYL TILE FLOOR FINISH symthetic metal cross linked polymer - approx 15% solids - indicate solids (similar to Stein's Nu-Look)	Multi-Clean Splendor - 16% solids
2.	HEAVY DUTY FLOOR STRIPPING DETERGENT to remove wax and polymers - indicate dilution ratio (similar to Stein's E-Z Off)	Multi-Clean Multi-Sheen Stripper 10 ounces to a gallon
3.	ALL PURPOSE LIQUID CLEANER neutral zone on PH - for wall and furniture washing - indicate dilution ratio (similar to Stein's Spree)	Multi-Clean Century Maintenance 10 ounces to a gallon
4.	WINDOW GLASS CLEANING SOLUTION no dilution - no ammonia (similar to Stein's Glass Clean)	Jacks Manufacturing Glass Cleaner
5.	FOAM DISINFECTANT CLEANER aerosol cans (similar to Vani-Sol Washroom Cleaner)	Jacks Manufacturing Foam Disinfectant Cleaner
6.	BLACKBOARD CLEANER aerosol cans (similar to SSS Chalkboard Cleaner)	Jacks Manufacturing Blackboard Cleaner
7.	DISINFECTANT SOAP indicate dilution ratio (similar to Stein's San-I-Gent)	Multi-Clean Super-Staph-Trole 64 2 ounces per gallon
8.	ROOM DEODORANT aerosol cans (similar to Butcher's Green Valley)	Jacks Manufacturing Room Deodorant

Supplies: Defined as those items needed to keep building in a clean condition. Included are all cleaners, waxes, mops, brooms, sponges, rags, etc. Depending on bid options, may or may not include toilet tissue, paper towels, plastic can liners and sanitary napkins.

Equipment: Defined as the equipment needed for building housekeeping and maintenance operation, and to include such items as vacuums, buffers, floor machine, related floor equipment, power and hand tools.

BID SHEET

	(A)	(B)	(C)	(D)	(E)
	DAILY HOURS RECMND	RATE PER HOUR	ADDTL. HOURS RATE	SUPPLIES	EQUIPMENT
OPTION #1				N/A	N/A
					AxBx260 DAYS =ANNUAL RATE
	19	\$8.89	\$8.89		\$43,916.60
OPTION #2				Does not include tissue, towels, liners or napkin	N/A
					A x B x 260 DAYS+D = ANNUAL RATE
	19	\$8.89	\$8.89	\$2,000.00	\$45,916.60
OPTION #3				Does not include tissue, towels, liners or napkin	
					A x B x 260 DAYS+D+E = ANNUAL RATE
	19	\$8.89	\$8.89	\$2,000.00	\$1,500.00 \$47,416.60
OPTION #4					
					A x B x 260 DAYS+D+E = ANNUAL RATE
	19	\$8.89	\$8.89	\$3,500.00	\$1,500.00 \$48,916.60

INDEPENDENT SCHOOL DISTRICT #152
BUSINESS OFFICE
810 - 4th AVENUE SOUTH,
MOORHEAD, MINNESOTA

AFFIDAVIT OF NON-COLLUSION: I hereby swear (or affirm) under the penalty of perjury:

- (1) That I am the vendor (if the vendor is an individual), a partner in the vendor (if the vendor is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the vendor is a corporation);
- (2) That the attached quote or quotations have been arrived at by the vendor independently, and have been submitted without collusion with, and without any agreement, understanding, or planned common course of action with, any other vendor of materials, supplies, equipment, or services described in the invitation to quote, designed to limit independent bidding or competition;
- (3) That the contents of the quote or quotations have not been communicated by the vendor or its employees or agents to any person not an employee or agent of the vendor of its surety on any bond furnished with the quote or quotations, and will not be communicated to any such person prior to the official opening of the quote or quotations, and;
- (4) That I have fully informed myself regarding the accuracy of the statements made in this affidavit:

SUBMITTED BY:

Firm Name ServiceMaster of Fargo-Moorhead
Signature James E. Hanson
Title Owner / General Manager
Address 2323 16 Avenue South
Moorhead, Minnesota 56560
Phone No. 233-0641
Date 8/10/87

Supplies: Defined as those items needed to keep building in a clean condition. Included are all cleaners, waxes, mops, brooms, sponges, rags, etc. Depending on bid options, may or may not include toilet tissue, paper towels, plastic can liners and sanitary napkins.

Equipment: Defined as the equipment needed for building housekeeping and maintenance operation, and to include such items as vacuums, buffers, floor machine, related floor equipment, power and hand tools.

BID SHEET

	(A)	(B)	(C)	(D)	(E)
	DAILY HOURS RECMND	RATE PER HOUR	ADDTL. HOURS RATE	SUPPLIES	EQUIPMENT
OPTION #1				N/A	N/A
					A x B x 260 DAYS = ANNUAL RATE
	20	\$12.69	\$8.00		\$ 65,988.00
OPTION #2				Does not include tissue, towels, liners or napkin	N/A
					A x B x 260 DAYS + D = ANNUAL RATE
	20	\$12.69	\$8.00	\$3950.00	\$ 69,938.00
OPTION #3				Does not include tissue, towels, liners or napkin	
					A x B x 260 DAYS + D + E = ANNUAL RATE
	20	\$12.69	\$8.00	\$3950.00	\$483.00 \$ 70,421.00
OPTION #4					
					A x B x 260 DAYS + D + E = ANNUAL RATE
	20	\$12.69	\$8.00	\$5570.00	\$483.00 \$ 72,041.00

MEMO TO: BOARD OF EDUCATION

FROM: MARY BONEMEYER

RE: SPECIAL MILK PROGRAM FOR KINDERGARTEN STUDENTS

DATE: AUGUST 18, 1987

School districts are being offered the option of participating in a Special Milk Program for Split Session Kindergarten students only for 1987-88. This Federally funded program, whereby school districts receive reimbursement for milk served to kindergarten students, was discontinued in 1981-82 due to budget cutbacks.

Our options and their impact on the Food Service Program are as follows:

1) Continue with our present programs.

- All kindergarten students would be charged 18¢ per carton as are grades 1-12 students. The recently approved price increase for milk will result in an additional \$5,700 in revenues for 1987-88.

2) Offer Special Milk Program for kindergarten students.

- Qualified students would be eligible to receive free milk. Approximately 24% of the students are eligible for free milk. We would be reimbursed the average dairy cost for the free milk served. We would not receive reimbursement for handling expenses.
- Other kindergarten students would be charged 3¢ per carton. This is the maximum amount that we would be allowed to charge. We will be reimbursed .095 per carton. The cost charged to students includes handling expenses.

This option will result in a decrease of \$3,400 in potential revenues.

3) Offer Special Milk Program with implementation of a pricing structure.

- Under this option all kindergarten students would pay 3¢ per carton. We would not offer free milk to eligible students. We would be reimbursed at .095 per carton and the 3¢ cost to students would allow us to recoup handling expenses.

This option will result in a decrease of \$2,700 in potential revenue.

Recommendation

I recommend Option #2 - offer Special Milk Program to kindergarten students with eligible students receiving free milk and a charge of 3¢ per carton to all other kindergarten students.

MOORHEAD TECHNICAL INSTITUTE
1986-87 REPORT
ADM/FTE RATIOS

OE CODE	PROG NAME	ADM	COMPLTR	# LIC STAFF	LIC STAFF FTE	# NON-LIC STAFF	STAFF FTE	ADM/FTE RATIO
CONTINUOUS PROGRAMS:								
00.0210	MEDIA/LIBRARY	N/A	N/A	0.00	0.00	2.00	0.54	N/A
00.0230	INSTRUCTIONAL ADMINISTRATION	N/A	N/A	7.00	3.10	0.00	0.00	N/A
00.0310	PUPIL PERSONNEL SERVICES	N/A	N/A	3.00	3.15	4.00	4.41	N/A
00.0330	FINANCIAL AID ADMINISTRATION	N/A	N/A	1.00	1.26	2.00	2.92	N/A
00.0410	DIRECTOR'S OFFICE	N/A	N/A	3.00	3.78	2.00	2.19	N/A
00.0420	INSTITUTIONAL SERVICE	N/A	N/A	0.00	0.00	6.00	6.87	N/A
00.0510	PLANT OPERATION	N/A	N/A	0.00	0.00	5.00	7.30	N/A
00.0630	REMEDIAL COMMUNICATIONS	N/A	N/A	1.00	1.00	0.00	0.00	N/A
00.0640	REMEDIAL COMPUTATION	N/A	N/A	1.00	1.14	0.00	0.00	N/A
00.0650	PRE VOCATIONAL	N/A	N/A	0.00	0.00	0.00	0.00	N/A
00.0660	VOCATIONAL ADVISOR	N/A	N/A	1.00	1.00	0.00	0.00	N/A
00.0680	SPECIAL NEEDS SUPERVISOR	N/A	N/A	1.00	0.63	1.00	0.84	N/A
00.0790	VOC SUPP SUPPORT/TEC TUTOR	N/A	N/A	1.00	1.14	0.00	0.00	N/A
01.0020	FARM MANAGEMENT	17.82	92.00	1.00	1.26	1.00	0.10	14.14
01.0200	AG SUPPLIES, SALES, SERVICE	9.33	7.00	2.00	0.66	0.00	0.00	14.14
04.0200	FASHION MERCHANDISING	58.73	39.00	10.00	2.97	0.00	0.00	19.77
04.0600	SUPERMARKET MKTRG/MGMT	9.31	6.00	9.00	0.55	0.00	0.00	16.93
04.2200	MARKETING MGMT	94.90	60.00	14.00	4.62	0.00	0.00	20.54
07.0101	DENTAL ASSISTANT	27.17	21.00	5.00	2.17	0.00	0.00	12.52
07.0800	MEDICAL RECORDS TECH	12.97	23.00	3.00	1.16	0.00	0.00	11.18
09.0208	FOOD SERV/MGMT TRAIN	33.45	28.00	3.00	2.34	2.00	1.81	14.29
14.0100	ACCOUNTING	74.45	49.00	12.00	4.23	0.00	0.00	17.60
14.0200	DATA PROCESSING OCCUP	44.41	34.00	9.00	2.92	0.00	0.00	15.21
14.0292	BUSINESS DATA ENTRY EQUIP	10.64	36.00	1.00	0.75	0.00	0.00	14.19
14.0730	SECRETARIAL W/STHD	31.50	27.00	4.00	2.23	0.00	0.00	14.13
14.0731	CLERK TYPIST	31.88	34.00	4.00	1.84	0.00	0.00	17.33
14.0743	LEGAL SECRETARIAL OCCUP	36.11	33.00	5.00	2.48	0.00	0.00	14.56
14.0752	MEDICAL SECRETARIAL OCCUP/STHD	35.71	26.00	8.00	1.63	0.00	0.00	21.91
16.0108	ELECTRONICS TECH	96.76	75.00	4.00	4.56	0.00	0.00	21.22
16.1301	MECHANICAL DRAFTING	38.50	30.00	5.00	2.32	0.00	0.00	16.59
17.0100	HEATING/AC/REFRIG	45.06	32.00	7.00	2.51	0.00	0.00	17.95
17.0302	AUTO MECHANICS	59.20	47.00	7.00	4.09	1.00	0.73	14.47
17.0700	COMMERCIAL ART	46.10	37.00	6.00	2.55	0.00	0.00	18.08
17.1001	CARPENTRY	68.40	61.00	7.00	4.33	0.00	0.00	15.80
17.1002	CONSTRUCTION ELECTRICIAN	39.95	34.00	5.00	2.40	0.00	0.00	16.65
17.1200	TRUCK/DIESEL MECHANICS	64.03	48.00	6.00	4.56	1.00	0.73	14.04
17.2306	WELDING OCCUP	19.05	11.00	5.00	1.32	0.00	0.00	14.43
TOTAL CONTINUOUS PROGRAMS		1,005.43	890.00	161.00	76.65	27.00	28.44	13.12
EXTENSION PROGRAMS:								
00.0415	EXTENSION ADMINISTRATION	0.00	0.00	2.00	1.41	4.00	2.96	N/A
00.0810	EXTENSION SPECIAL NEEDS	2.69	112.00	0.00	0.00	0.00	0.00	N/A
01.9999	EXTENSION AG	0.79	115.00	N/A	N/A	N/A	N/A	N/A
04.9999	EXTENSION DISTRIBUTIVE ED	7.16	1,424.00	N/A	N/A	N/A	N/A	N/A
07.9999	EXTENSION HEALTH	33.04	2,424.00	N/A	N/A	N/A	N/A	N/A
09.9999	EXTENSION COMSUMER HOME MAKING	22.97	5,572.00	N/A	N/A	N/A	N/A	N/A
09.9998	EXTENSION SERVICE OCC	2.66	536.00	N/A	N/A	N/A	N/A	N/A
14.9999	EXTENSION BUSINESS & OFFICE	22.63	1,685.00	N/A	N/A	N/A	N/A	N/A
16.9999	EXTENSION TECHNICAL	0.72	31.00	N/A	N/A	N/A	N/A	N/A
17.9999	EXTENSION TRADE & IND	23.03	1,904.00	N/A	N/A	N/A	N/A	N/A
TOTAL EXTENSION PROGRAMS		115.69	13,803.00	2.00	1.41	4.00	2.96	N/A

THE FUTURIST QUIZ

Questions

Circle true or false:

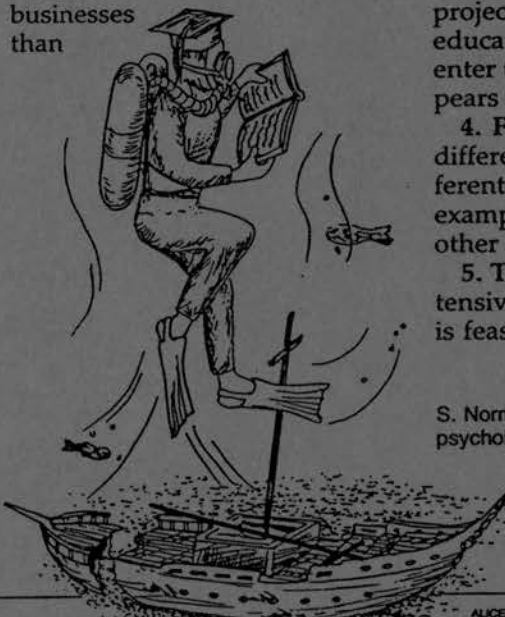
1. In order to do treasure hunting in Florida, you need a license. T F
2. This year, fewer women than men will start their own businesses. T F
3. By 1990, there will be more college-educated women than men entering the U.S. work force. T F
4. Mortality rates are not affected by the types of jobs that people hold. T F
5. More people will live and work underground. T F

Answers

1. True. Treasure hunters of the twentieth and twenty-first centuries have a lot more to know, such as oceanography, geology, international law-of-the-sea treaties, museology, etc. Most professions now require

that members attain continuing education credits within a certain period of time in order to retain their licenses. This is increasingly true of nonprofessional occupations.

2. False. Not only do more women start small businesses than



do men, but their failure rate is considerably lower.

3. True. Women are now the majority in college and university freshman classes and comprise about one-third of enrollment in law, medicine, and architecture schools. Thus the projection that more college-educated women than men will enter the work force by 1990 appears to be right on target.

4. False. Studies have shown different mortality rates for different jobs. Schoolteachers, for example, live longer than many other professionals.

5. True. Experts agree that extensive underground habitation is feasible and even desirable.

—S. Norman Feingold

S. Norman Feingold, a licensed psychologist in private practice, is president of the National Career & Counseling Services, 1025 15th Street, N.W., Ninth Floor, Washington, D.C. 20005.

ALICE YEAGER

The Risks of Robotization

Industrial robots are steadily getting better and cheaper, and the number of such robots in developed nations is growing rapidly. By 1990, there will be 70,000 robots in use in Japan, 60,000 in the United States, and 25,000 in Sweden and the United Kingdom, followed closely by France. But robotization can be a risky business, often failing to bring the expected benefits and results, according to a recent study by the International Labour Organisation.

A survey conducted in Great Britain found that 44% of all firms which started to use robots met with initial failure, and 22% of these firms abandoned the use of robots altogether, mainly because of inadequate technological know-how and skills.

The use of robots is also rapidly increasing in advanced socialist countries such as the Soviet Union, Czechoslovakia, and the German Democratic Republic. Approximately 200,000 robots will be at work in these countries by the early 1990s. But *Pravda* reports that the supply of industrial robots far ex-

ceeds demand because of resistance to robots, caused at least partially by their low reliability and by installation problems. As a result, many industrial robots in these countries are languishing in warehouses.

"Production management is beginning to respond more cautiously to the engineering researcher's vision of the promised land," the study says. For example, Volkswagen, while the main user of robots in the Federal Republic of Germany, devotes only 4% to 7% of its investment funds to robotization.

Nonetheless, the study concludes that robotization is by and large a viable proposition. The machines can work round-the-clock and raise output, product quality, and industrial competitiveness. In fact, the study notes, certain jobs such as spot welding, press operation, spray painting, cleaning, machine loading, grinding, and polishing "are irretrievably lost to robotics."

Source: "The Impact of Industrial Robotics on the World of Work." *International Labour Review*, volume 125, number 1, 1986. International Labour Organisation, Liaison Office with the United Nations, 300 East 44th Street, New York, New York 10017.

INDEPENDENT SCHOOL DISTRICT NO. 152
MOORHEAD, MINNESOTA

9/19/805-
min
9.8.87

Notice is hereby given that a regular meeting of the Moorhead Board of Education will be held on Tuesday, September 8, 1987, at 7:30 p.m. in the Board Room at Townsite Centre.

Bennett Trochlil
Bennett Trochlil, Superintendent

MISSION STATEMENT

To maximize the talents of every student in Independent School District Number 152.

ATTENDANCE:

Douglas Fagerlie _____	Allen Lund _____
Jeanne Seigel _____	Anton Hastad _____
Michael Hulett _____	Wayne Alexander _____
A. C. (Curt) Borgen _____	Bennett Trochlil _____

- I. CALL TO ORDER
- II. PLEDGE OF ALLEGIANCE
- III. PREVIEW OF AGENDA - Bennett Trochlil, Superintendent
- IV. APPROVAL OF MINUTES Appendix A

Recommendation: Move to approve the minutes of August 11 & 25, 1987.

*V. CONSENT AGENDA

All items listed with an asterisk () are considered to be routine by the School Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member or citizen so requests, in which event the item will be considered in its normal sequence on the agenda.

Recommendation: Move to approve the items on the consent agenda.

- *VI. CONSIDERATION OF CLAIMS Appendix B
- VII. COMMUNICATIONS
- VIII. OPPORTUNITY FOR CITIZENS TO SPEAK

IX. PRE-SCHOOL--K - GRADE 12 PROGRAM--COMMUNITY EDUCATION

A. UNFINISHED BUSINESS

B. NEW BUSINESS

1. Consider Personnel

Appendix C

Resignation

Diane Mancini - Music teacher, Riverside, effective immediately

Betsy Little - Guidance Counselor, Senior High, effective immediately

Change in Contract

Linda Blazek - Special Services Secretary, Townsite, full-time, to Senior High, 16 hours per week

Leslie Walkin - French teacher, part time, Senior High to full-time French, Senior High

New Employee

Humberto Rizzo - Spanish teacher, Senior High, .214 time, MA+45 (0) \$5,556.93 (\$25,967) based on 1986-87 salary schedule

Phyllis Cassatt - English teacher, Senior High, .643 time, BA (2) \$11,856.77 (\$18,439) based on 1986-87 salary schedule

Kathleen Nylander - French teacher, Senior High, .429 time, BA+45 (0) \$9,294.71 (\$21,666) based on 1986-87 salary schedule

Ann Dahl - half-time kindergarten teacher, Riverside, BA+15 (0) \$9,757 (based on 1986-87 salary schedule)

Lori Woods - 1st grade teacher, Probstfield, BA (4) \$18,439, based on 1986-87 salary schedule

Janice Buckner - Coordinator of Technology, effective September 16, 1987, \$40,000 (pro-rated)

Donna Grandbois - Secretary - Adult Education, MTI, \$6.07 per hour, effective September 3, 1987 (based on 1986-87 salary)

Ruth Kalpin - Principals Secretary, North Campus, 3 1/2 hours per day, \$6.07 per hour (based on 1986-87 salary)

Pat Hall - Nurses Secretary - Riverside, 4 hours per day, \$6.07 per hour (based on 1986-87 salary)

Linda Smith - LD Aide, Senior High, 7 hours per day, \$6.07 per hour (based on 1986-87 salary)

Vonnie Thordahl - first grade teacher, Washington, BA (0) \$18,439 (based on 1986-87 salary)

Sharon Torkelson - third grade teacher, Riverside, BA (0) \$18,439 (based on 1986-87 salary)

Diane Macsiewski - second grade teacher, Edison, BA (0) \$18,439 (based on 1986-87 salary)

Recommendation: Move to approve personnel changes as shown.

Personnel - continued

Explanation: Rose Andersen was appointed Interim Director of Moorhead Technical Institute in July with an agreement that a stipend would be paid.

Recommendation: Move to approve payment of \$1,000 to Rose Andersen for service as Interim Director at MTI for approximately six (6) weeks.

2. Fifth Grade to North

Appendix D

Explanation: The Boundary Committee voted in February to recommend that fifth graders be moved to the North Campus building in the fall of 1988. Due to the increased enrollments, the district is in position to pursue that recommendation.

Recommendation: The recommendation would be to direct administration to proceed in planning to have fifth graders at the North Campus in the fall of 1988. However, the Board may wish to convene the boundary configuration committee to review total enrollment impact on all district buildings.

3. Consider Food Service

(Lacher)

Appendix E

Explanation: Due to increased costs, it is recommended that ala carte adult meal prices be established at the following:

	<u>1987-87</u>	<u>1987-88</u>
Breakfast	.85	.90
Entree	.90	1.00
Soup	.60	.65
Salad	.60	.65
Soup or salad,	.90	1.00
1/2 sandwich		

Recommendation: Move to approve the adult meal ala carte prices as shown above.

4. Review Smoking Cessation
Program

(Jernberg)

Appendix F

Explanation: The recently passed Tobacco Free Policy indicates that we will provide some cessation help for employees. Appendix F-1 contains materials prepared by Cynthia Sillers and Carolyn Townsend.

A discussion will take place regarding smoking cessation and utilization of our categorical aids for smoking prevention.

Recommendation: For discussion at this time with the item being returned for Board action at the September 22 meeting.

X. "WE ARE PROUD"

1. Lynn Halmrast is the current president of the Minnesota chapter of the Council for Exceptional Children and Marlene Kensrud is the 1987-88 term president of the North Dakota Chapter of CED.

XI. FOR YOUR INFORMATION

Appendix Z

1. Enrollment Update - The Board will be informed as to opening day enrollment figures for K-12 schools.
2. MSBA Board Member Of The Year - All nominations must be post-marked no later than Saturday, October 31. The Board needs to decide if they wish to nominate.
3. Elks Lodge Contribution - The Fargo Elks Lodge will provide a season-end picnic for 120 people who participated in the Adult Handicapped Summer Soft- ball League. The district placed a value of \$500.00 on this contribution.
4. Futures Article - 'Tomorrow in Brief' - The Futurist, September-October 1987 - Appendix Z-4

XII. OTHER PERTINENT ITEMS TO COME BEFORE THE BOARD OF EDUCATION

1. The position of MSBA District 10 Director, now held by Betti Reuther, Breckenridge, will be vacant and voted upon at the MSBA convention in January. Jeanne Seigel has made the decision to be a candidate for the position.
2. October Retreat - This is scheduled for Friday, October 2 and Saturday, October 3. Board and administrators need to begin discussion as to the topics on the agenda.

XIII. ADJOURNMENT

NEXT SCHEDULED MEETING Tuesday, September 22, 1987

CALENDAR OF EVENTS

<u>Event</u>	<u>Date</u>	<u>Time</u>	<u>Place</u>
Joint Powers	Thursday, Sept. 10	7:00 a.m.	Townsite
Title IX	Thursday, Sept. 10	7:00 a.m.	Townsite
Moorhead Valley Fest	Friday, Sept. 11- Sunday, Sept. 13		
Inventors Fair	Saturday, Sept. 12 & Sunday, Sept. 13	10:00 a.m. - 5:00 p.m.	Holiday Mall
Long Range Planning Committee	Monday, Sept. 14 & Tuesday, Sept. 15		Townsite
Spuds Booster Fall Kickoff	Monday, Sept. 14	6:30 p.m.	Gooseberry Park
District Golf Tourney	Tuesday, Sept. 15		Village Green
PER	Thursday, Sept. 17	7:00 a.m.	Townsite
Natl. School Bus Safety Week Theme, "Be Smart, Be Seen"	Week of Sept. 20-26		
Fall Community News Articles Due	Tuesday, Sept. 22		
Region 8AA MSHSL	Wednesday, Sept. 23	7:00 p.m.	Wadena
Moorhead OctoberFest	Friday, Sept. 25 & Saturday, Sept. 26		
Fall Adult/Community Ed Classes Start	Monday, Sept. 28		
MSBA Area Meeting	Monday, Sept. 28	7:00 p.m.	Pelican Rapids
Policy Review	Monday, Sept. 28	7:00 p.m.	Townsite

Regular Meeting
Board of Education
Independent School District #152
August 11, 1987

Members Present: Douglas Fagerlie, Jeanne Seigel, A.C. (Curt Borgen), Allen Lund, Anton Hastad, Wayne Alexander and Bennett Trochlil

The meeting was called to order by chairperson Seigel.

Chairperson Seigel led the Board, administration and the audience in the Pledge of Allegiance.

PREVIEW - Trochlil previewed the agenda, adding Personnel, Electronics Capital Outlay Bid and School Administrators Retreat.

MINUTES - Hastad moved, seconded by Fagerlie, to approve the minutes of corrected minutes of July 7 and July 15 & 28. Motion carried.

CONSENT AGENDA - Fagerlie moved, seconded by Hastad, to approve the claims, subject to audit, for \$1,156,984.80, as part of the consent agenda.

GENERAL FUND	\$ 270,237.73
FOOD SERVICE	276.76
TRANSPORTATION FUND	22,676.15
COMMUNITY SERVICE	8,096.97
CAPITAL EXPENDITURE	199,491.25
BUILDING CONST	490,366.78
MAVTI-GENERAL FUND	130,830.57
MAVTI COMM SERVICE	1,684.21
VO-TECH CAP. OUTLAY	28,403.71
REPAIR & BETTERMENT	59.00
AVTI STUD SEN & MISC	917.88
TOWNSITE CENTRE	3,943.79
TOTAL	\$1,156,984.80

COMMUNICATIONS - Seigel read a letter from Representative Arlan Stangeland inviting Board members to meet with him on August 20 in Detroit Lakes to get acquainted and exchange views about concerns regarding education.

OPPORTUNITY FOR CITIZENS TO SPEAK - David Givers, Joyce Jeppson and Jim Onstad, parents of 3rd grade students from Riverside who have been notified that their children will be transported to Washington this coming school year, were present to voice their disapproval of the move.

Jernberg discussed the reasons for the move and indicated he and Iverson would meet with the parents to review the issue.

Regular Meeting
Board of Education
Independent School District #152
August 11, 1987
Page Two

BUS PURCHASE - Hastad moved, seconded by Seigel, to accept bids on one (1) 54 passenger bus, three (3) 66 passenger buses and two (2) 71 passenger buses. Motion carried.

ADDITIONAL SPRINKLERS - SENIOR HIGH AND SOUTH CAMPUS - Borgen moved, seconded by Lund, to approve the addition of automatic watering systems at the Senior High and South Campus for \$10,500. Motion carried by majority vote.

FEDERAL REFUGEE ASSISTANCE GRANT AWARD - Fagerlie moved, seconded by Alexander, to accept the grant award for our Limited English Proficiency program in the amount of \$7,267.50 for the 1987-88 school year.

PERSONNEL - Alexander moved, seconded by Borgen, to approve the following personnel changes:

New Employees

Deb Baumler - School Psychologist - MA+45 (6) .75 time, \$20,629.50 (\$27,506) plus two (2) weeks extended \$1133.49 (based on 1986-87 salary)
Jean Schlossman - Occupational Therapist, .50 time, BA (7) \$10,371.50 (\$20,743 - based on 1986-87 salary)
Romney Anderson - 2nd grade teacher, Probstfield, BA (2) \$18,439 (based on the 1986-87 salary)
Jackie Mann - Social Studies teacher, Senior High, 1st semester, BA (0) \$5,206.50 (\$18,439 - based on 1986-87 salary)
Betty Myers - Principal, Middle School North Campus, 44 weeks, \$42,000, effective 1987-88 school year
Sharon Hurley - EMH teacher, Washington, BA (7) \$11,844.25, .571 time, \$20,743, effective for 1987- 88 school year
Kathy Myers - Medical Records, MTI, BA (11) \$29,110.88 (based on 1986-87 salary), effective September 1
Sue Hamilton - COTA aide, Riverside, \$7.22 per hour (based on 1986-87 salary schedule)
LeeAnn Fogelson, EMH teacher, district-wide, BA (7) \$20,743 (based on 1986-87 salary schedule)
Debra Hellekson - School Psychologist, Riverside/Edison, MA (7) .75 time, \$18,785.25 plus two (2) weeks extended, \$1,032.20 (based on 1986-87 salary)

Change in Contract

Linda Johnson - S.T.E.P. teacher, from .7 to full-time for the 1987-88 school year, MA (9) \$26,584 (based on 1986-87 salary)
Carilyn Bresson - TMH aide, Senior High, from .5 to full time, effective for the 1987-88 school year
Ronette Reski - Special Services secretary, Senior High, 14 hours a week to full-time, 10.5 months, Special Services secretary, Townsite Centre, effective September 14, 1987

Regular Meeting
Board of Education
Independent School District #152
August 11, 1987
Page Three

PERSONNEL (continued)

Retirement

Violet Lien - Nurse's secretary, Edison, effective July 31, 1987

Resignation

Pam Galloway - Occupational Therapy Assistant aide, Riverside/Lincoln, effective immediately

Carole Olsen - Library secretary, Probstfield, effective immediately

Christine Peterson - food server, South Campus, effective immediately

Motion carried.

LEASES - RENEWALS - Hastad moved, seconded by Borgen, to award renewal of leases to Minnesota Rural C.E.P. beginning July 1, 1987 through June 30, 1988, for \$26,128.80 and Foss & Associates beginning July 1, 1987, through December 30, 1987 for \$842.91 monthly. Motion carried.

BAKERY & DAIRY BIDS - Alexander moved, seconded by Hastad, to award contracts to Metz Baking Co. and Cass Clay Creameries for bakery and dairy bids. Motion carried.

MILK PRICES - Fagerlie moved, seconded by Hastad, to approve a \$.03 increase in student milk prices, from \$.15 to \$.18 per carton for 1987-88. Motion carried.

ELECTRONICS CAPITAL OUTLAY BID - Hastad moved, seconded by Lund, to approve the partial awarding of electronic equipment at the Senior High for \$66,811.00 to:

B & K Aviation Consulting, Moorhead, MN	\$ 7,803.00
EduTech Inc., Brooklyn Center, MN	434.00
S & S Electronics, Fargo, ND	2,900.00
Haldeman-Home, Inc., Minneapolis, MN	1,370.00
Lab Corp., Afton, MN	54,304.00

Motion carried.

FOR YOUR INFORMATION

1. Fall Workshop Schedule - Bob Jernberg reviewed the 1987-88 K-12 Fall Workshop Schedule with the Board.
2. Financial Update - Bob Lacher reviewed year-end financial figures for 1986-87 and an estimated preliminary budget update for 1987-88 with the Board.

Regular Meeting
Board of Education
Independent School District #152
August 11, 1987
Page Four

OTHER PERTINENT ITEMS TO COME BEFORE THE BOARD OF EDUCATION

1. Seigel updated the Board on the MSBA 1987 Management Seminar which she and Lund attended on August 6 & 7 and pointed out it was a very valuable experience.
2. Trochlil updated the Board on the School Administrators Retreat in Alexandria on August 9-11.

Betty Myers added it was an invaluable experience for her and Dick Jones.

Anton Hastad, Clerk

Regular Meeting
Board of Education
Independent School District #152
August 25, 1987

Members Present: Allen Lund, A.C. (Curt) Borgen, Jeanne Seigel, Mike Hulett, Wayne Alexander and Bennett Trochlil

The meeting was called to order by chairperson Seigel.

Chairperson Seigel led the Board, administration and the audience in the Pledge of Allegiance.

PREVIEW - Trochlil previewed the agenda, adding Personnel, change in time of Joint Meeting of City and School District and Non-Resident Student Agreements.

CLASS SIZE - Jernberg presented a current enrollment update, class size comparisons, and discussed options for solving problem areas as they develop.

Robert Badal, parent of a 4th grade student at Riverside and spokesperson for a group of Riverside parents in the audience, asked administrators to hold down elementary class sizes and not to transfer students to other schools. He noted parents have high expectations of the schools in Moorhead and they offer quality education but decisions on class sizes should be in the best interest of the students.

He asked the Board to: move ahead with plans for moving 5th grade to North Campus; restore classes at Riverside to three sections each at the third, fourth, and fifth grade levels; look at lower priority areas to provide more teachers in the classrooms; ask voters in Moorhead if, through a referendum, they want to support quality education by providing lower class sizes; and, do not allow any elementary class to exceed thirty students.

Lynn Sipe, Riverside parent and teacher, discussed with the Board the need for continuity and consistency in the relationship of the parent as well as the student with their schools, teachers and administrator.

Juneve Givers, Riverside parent, stated it was not fair for her child to be transported to another school for the third time and she hoped another section could be added to prevent this.

Elizabeth Dekert, Probstfield parent, expressed her concern with class sizes at Probstfield, hoping they would not exceed twenty-five.

Board members indicated they sympathized with the parents' concerns and realize the complexity of the problem. It was suggested that interested parents meet as a committee with Jernberg to study problems and options for viable solutions.

Regular Meeting
Board of Education
Independent School District #152
August 25, 1987
Page Two

SECRETARIAL, HEALTH TECHNICIAN, LUNCH ROOM SUPERVISOR POSITIONS-NORTH

Hulett moved, seconded by Lund, to approve an additional half hour time be granted to the health technician/library/lunch room position at North and that an additional position of three and one half hours for health technician and secretarial aide be authorized. Motion carried.

PERSONNEL - Borgen moved, seconded by Lund, to approve the following personnel changes:

Change in Contract

Paula Frazee Sperling - from SLD aide to third grade teacher, Edison, BA (0) \$18,439 (based on 1986-87 salary schedule)

Resignation

Jacquelyn Mann - LD aide, Senior High, effective immediately
Ann Lilleboe - Kitchen server, Probstfield, effective immediately
Susan Peterka - French teacher, Middle School South Campus, effective immediately

Maternity Leave

Amy Biller - LD teacher, Edison, beginning September 24, 1987, for six (6) weeks

New Employees

Sandra Argent - Social Studies teacher, Middle School South Campus, BA+45 (7) .571 time, \$13,687.44 (\$23,971, based on 1986-87 salary schedule)

Mary Shimabukuro - Science teacher, Senior High, MA+45 (1) .786 time, \$20,410.06 (\$25,967, based on 1986-87 salary schedule)

Motion carried.

CONTRACT ADJUSTMENT - Alexander moved, seconded by Lund, to approve the contract adjustment for Beverly Bjork, Assistant Principal-Senior High for \$2,000 - 1986-87 and \$2,000 - 1987-88. Motion carried.

CONTRACTED CUSTODIAL SERVICES - Borgen moved, seconded by Alexander, to reject all bids for custodial services at North Campus. Motion carried.

The following custodians were present to voice their approval of the decision: Elvin Nerby, Jim Smith, Cliff Steinert, Donald Foss and Richard South.

SPECIAL MILK PROGRAM FOR KINDERGARTEN STUDENTS - Borgen moved, seconded by Alexander, to offer a special milk program to kindergarten students with eligible students receiving free milk and a charge of \$.03 per carton to all other kindergarten students. Motion carried.

Regular Meeting
Board of Education
Independent School District #152
August 25, 1987
Page Three

FOR YOUR INFORMATION

1. MVA Governance Forum - Curt Borgen, Nate Johnson, Cleo Butterfield, Lloyd Chale, Gary Ellingson, Keith Togstad, Joan Ostlie, Carol Grinaker, Charlotte Christensen and Ben Trochlll attended the MVA (Minnesota Vocational Association) Governance Forum on Wednesday, August 19 in Minneapolis.

Nate Johnson reported on the Governance Forum. He noted that there is a continual change in the governance issue. Moorhead Technical Institute may need a change in the delivery system.

2. MTI ADM/FTE REPORT - Nate Johnson reviewed an ADM/FTE report for the 1986-87 school term. He congratulated administration and staff from last year on the good job they had done.
3. TRANSPORTATION UPDATE - Dan Bacon presented an update on the past year indicating there had been no change in procedures, only in recording.

He reviewed a New Driver Training Class he had given through Adult Basic Education and indicated there would be additional classes offered for all drivers.

4. BUS TOUR OF SITES - The Board expressed their appreciation of the bus tour of buildings taken before the meeting and congratulated the staff on the excellent job in upgrading the aesthetic and functional value of all the sites. Bob Lacher thanked the Board for their support during the process.

OTHER PERTINENT ITEMS TO COME BEFORE THE BOARD OF EDUCATION

1. NON-RESIDENT STUDENT AGREEMENTS - Borgen moved, seconded by Lund, to authorize the resolution allowing two students from Independent School District #152 to attend Glyndon-Felton School District and three students from the Glyndon-Felton School District to attend Moorhead Public School District, for the 1987-88 school year. Motion carried.

Anton Hastad, Clerk

Regular Meeting
Board of Education
Independent School District #152
August 27, 1987

Members Present: Jeanne Seigel, Michael Hulett, A.C. (Curt)
Borgen, Wayne Alexander and Bennett Trochlil

The meeting was called to order by chairperson Seigel.

Chairperson Siegel led the Board, administration and the audience
in the Pledge of Allegiance.

NEGOTIATIONS - TEACHERS - The meeting was held to discuss teachers
negotiations as to:

- (1) teachers' financial package
- (2) financial condition of the district
- (3) give the Board's negotiation team direction

Anton Hastad, Clerk



Independent School District No. 152

Townsite Centre - 810 South 4th Avenue

Moorhead, Minnesota 56560

PROPOSAL FOR HOW THE MOORHEAD SCHOOL DISTRICT CAN ASSIST PERSONNEL IN QUITTING SMOKING

Submitted by Cynthia Sillers and Carolyn Townsend

INTRODUCTION

This is a proposal for how the Moorhead School District might support personnel in their efforts to quit smoking in light of the recently developed "Tobacco Free Environment Policy."

This proposal includes information about the following areas:

- Approximate number of smokers employed by the Moorhead School District.
- Financial assistance for personnel, from the School District, to attend smoking cessation programs.
- Time release, for personnel, to attend smoking cessation programs.
- Major responsibilities of the coordinator for the project.
- Available smoking cessation programs that require a fee.
- Information about smoking cessation self-help booklets that do not require a fee.

Since there is not any one cessation technique that is successful for all smokers, it is important that the School District personnel be offered information, and support, for alternative methods. This proposal provides information about different programs that are available in this community, and attempts to address the issues that need consideration in offering these alternatives.

Numbers of Smokers in the Moorhead School District

In February, 1987, a report of the data collected from an "Employee Survey About a Tobacco Free Environment" was submitted to the Planning, Evaluation and Reporting Committee.

The data indicated that approximately 12%, (84 out of 700) of the employees, in the Moorhead School District were smokers.

It is perhaps highly unlikely that all of these smokers would enroll in a smoking cessation class. With support in their effort, from the School District, however, it is probable that many of them would be interested in participating in a program.

Financial Assistance from the School District

-----The Moorhead School District would pay 50% of the cost of a District approved smoking cessation program. These programs would include "Smokestoppers," "Smokeless," "Breathe Free," and "Quit and Win." (Since the cost for "Breathe Free" and "Quit and Win" is minimal, the District may want to consider paying for 100% of the cost for these two programs.)

-----If a smoker wanted to use an alternative cessation method that required a fee, such as hypnotism or acupuncture, a "special request" would need to be made to the School District and each case would be considered separately.

-----If an individual is not successful at quitting smoking after taking one program, the decision of whether or not to assist with paying for an alternative program would be made by the School District Administration upon receipt of a "special request."

-----The money to assist personnel in the School District in their smoking cessation effort would come from funds allocated to the School District from the Minnesota Department of Education for use in tobacco use prevention programs.

-----The money that would be allocated to this project would be approximately \$1,500. The financial assistance to personnel who are smokers would continue until the are depleted.

Time Release to Attend Smoking Prevention Programs

If the "Quit and Win" class was arranged by the Moorhead Technical Institute to meet at one of the schools during the day, participating personnel could leave their respective school, as soon as the students had left the schools for the day. Allowing personnel some release time, (not including time when the students are in the classrooms) could serve as an additional incentive for the personnel to enroll in the smoking cessation programs.
(The other classes would, more than likely, be offered during the evening hours.)

Coordinator for the Project

The coordinator for this project would be Cynthia Sillers

Responsibilities of the Coordinator Would Include

- Make arrangements for a system for the School District to be billed for their share of the financial assistance.
- Serve as the contact person for the School District personnel regarding the project, available approved smoking cessation programs and their dates, times, and locations, etc.
- Make written information available to personnel regarding the project and different cessation programs that are available.
- Make arrangements to meet with School District personnel to discuss the project personally. These meetings could also be attended by Rodney Bergen if his schedule permitted.
- Have information available to personnel regarding other smoking cessation programs that do not require a fee.

Available Smoking Cessation Programs That Require A Fee

Program: "Quit and Win"

Sponsoring Organization: Moorhead Technical Institute and The Fargo Moorhead Heart Health Program

Contact Person: Carolyn Townsend or Rose Andersen, 236-6277

Fee: \$16.00 per participant.

Program Schedule: Four one-hour meetings, (one meeting a week for four weeks)

Additional Comments: This program is scheduled through adult education at the MTI. Special arrangements could be made to offer the program at individual schools, and during the afternoons, if there was enough interest. This would serve as an incentive for individuals to enroll in this class.

Program: "SMOKESTOPPERS"

Sponsoring Organization: SHAPE Wellness Program, Fargo Clinic, St. Luke's Hospitals, Merit Care

Contact Person: Linda James, 237-2000

Fee: \$114.75 per participant, (This corporate rate would be available regardless of the number of participants because the School District would be doing the promotion of the program as the information about the program was being provided to personnel).

Program Schedule: One informational meeting the week before the program begins. First week of program, Monday-Thursday, 1½ hour meetings. Second week, two one-hour meetings. Third week, one, one-hour meeting.

Additional Comments: The class comes with a life-long guarantee which means that if the participant begins to smoke after going through the program, they may take part in the again at no additional cost.

The participants would attend the scheduled classes at the Hospital.

Program: "SMOKELESS"

Sponsoring Organization: Dakota Clinic/Hospital

Contact Person: Kari Swanson, 280-4100

Fee (Corporate Rate) \$85.00 per participant. (This corporate rate would be available regardless of the number of participants because the School District would be doing the promotion of the program as the information about the program was being provided to personnel.)

Program Schedule: One informational meeting the week before the program begins. First week of program, Monday-Thursday, 1½ hour skill-building meetings. Second program, two, one-hour meetings. Third week of program, one one-hour meeting.

Additional Comments: The class comes with a life-long guarantee which means that if the participant begins to smoke again after going through the program, they may take part in the program again with no additional cost.

The participants would attend the scheduled classes at the Hospital.

Program: "Breathe Free"

Sponsoring Organization: Seventh Day Adventists

Contact Person: Unknown at this time, 293,7818

Fee: Unknown at this time, but it will likely be comparable to the fee for "Quit and Win."

Program Schedule: Unknown at this time.

Additional Comments: Cynthia Sillers will be gathering the information regarding this program.

Quit Smoking Self-Help Booklets at No Charge, (Donation to the Organization is Optional)

"Quitter's Guide," American Cancer Society-Minnesota Division, 3316 West 66th St., Minneapolis, Minnesota 55435, Tel: 1-800 582-5152.

"Calling It Quits," American Heart Association-Minnesota Affiliate, 4701 West 77th St., Minneapolis, Minnesota 55435, Tel: (612) 835-3300.

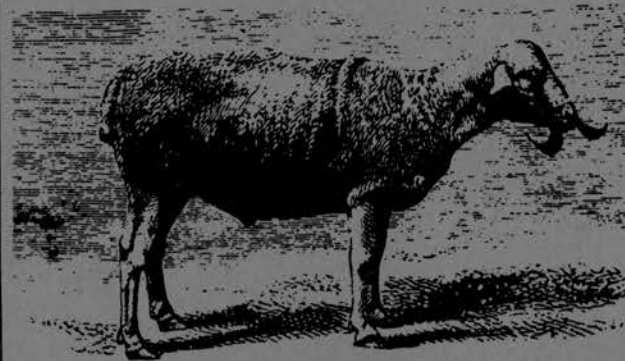
"Freedom From Smoking and A Lifetime of Freedom From Smoking," American Lung Association, 614 Portland Ave., St. Paul, Minnesota 55102, Tel: 1-800642-5864.

"Help A Friend Stop Smoking," American Lung Association of Minnesota, 614 Portland Ave., St. Paul, Minnesota 55102, Tel: 1-800-642-5864.

TOMORROW IN BRIEF

Mapping the Wind

A new atlas shows the best wind-energy sites in the United States and its territories. The atlas, produced for the Department of Energy at Battelle Memorial Institute, contains more than 100 maps and lists wind-resource statistics for nearly 1,000 locations, including seasonal variations of wind and percentage of land area suitable for wind-energy development.



Sex Change for Lambs

Changing the sex of a female lamb to male before it is born results in a meatier animal. In the first study of its kind, U.S. Department of Agriculture researchers injected the male sex hormone testosterone into pregnant ewes four weeks after breeding. The altered lambs gained an extra pound per week on 16% less feed; however, they were unable to reproduce.

Health Care for Elderly

Future health care will emphasize services for older adults, says Ken Dychtwald, president of Age Wave, a marketing research firm in Emeryville, California. Commenting on the firm's new report, *The Role of the Hospital in an Aging Society*, Dychtwald says: "As America ages, the philosophy, practice, and scope of health care will change from its current emphasis on the diagnosis and treatment of acute illnesses to providing a diversified continuum of services for the physical, psychological, social, and economic needs of older adults."

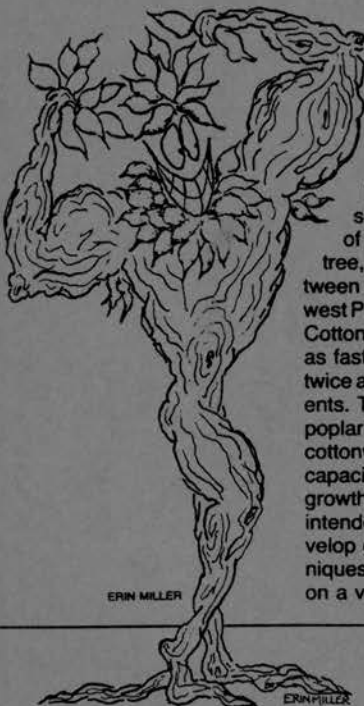
Oscar-Winning Software

The first motion-picture Academy Award for software has been won by David Samuelson of Sharp Electronics Corporation. Samuelson's Oscar-winning program, run on a hand-held computer, calculates all the variables involved in professional cinematography, including depth of field, camera speeds for special-effects shooting, film running times, and exposure correction.

For more information, see "Sources, Tomorrow in Brief" on page 55 of this issue.

Reducing Acid Rain

A chemical that could inexpensively remove 70% of the acid-rain-producing gases emitted by coal-burning power plants has been developed at Argonne National Laboratory. The Argonne chemical, which is a compound of iron and a petroleum-based chemical, causes nitrogen oxides and sulfur dioxides to react with each other, thus removing them from combustion gases.



It's Supertree!

A hybrid "supertree" has been developed by scientists at the University of Washington. The new tree, which is a cross between a female Pacific Northwest Poplar and a male Eastern Cottonwood, grows nearly twice as fast and can produce leaves twice as large as its genetic parents. The supertree inherits the poplar's large cell size and the cottonwood's high cell count and capacity for fast nighttime growth. The supertree project is intended to help botanists develop genetic-engineering techniques to produce bigger leaves on a variety of tree species.



LONDON PICTURES SERVICE

Researcher uses new kit to quickly diagnose sick fish.

Detecting Disease in Fish

The first sign of trouble in a fish is usually its appearance, dead, on the surface of the water. Now, a new diagnostic kit quickly detects fish diseases such as furunculosis, enteric redmouth, and bacterial kidney disease. The kit, called Prosal, includes a probe that is inserted into the kidney of

the diseased fish; the probe is then placed into various solutions, from which a diagnosis can be achieved within 40 minutes. Suitable treatment is then provided for the fish. Prosal was developed at Heriot-Watt University in Edinburgh.

Information Systems: Getting Too Good?

Information-delivery systems may become so good that people will find it difficult to tell reality from fiction, predicts Theodore Gordon, chairman of The Futures Group. Superior simulation systems such as those used by pilots for training will increasingly expand into such areas as corporate gaming, history simulations, and entertainment. Eventually, the news media will be able to take viewers right into a battlefield, making them part of the scene. When simulations mimic reality, and reality is presented through the same medium as simulation, there is danger of losing perspective. As Gordon points out, some people believe that the arrival of Man on the moon was a Hollywood production filmed on a back lot.

INDEPENDENT SCHOOL DISTRICT NO. 152
MOORHEAD, MINNESOTA

8/19/1305
MINN
9.22.87

Notice is hereby given that a regular meeting of the Moorhead Board of Education will be held on Tuesday, September 22, 1987 at 7:30 p.m. in the Board Room at Townsite Centre.

Bennett Trochlil
Bennett Trochlil, Superintendent

MISSION STATEMENT

To maximize the talents of every student in Independent School District Number 152.

ATTENDANCE:

Douglas Fagerlie _____	Allen Lund _____
Jeanne Seigel _____	Anton Hastad _____
Michael Hulett _____	Wayne Alexander _____
A. C. (Curt) Borgen _____	Bennett Trochlil _____

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

III. PREVIEW OF AGENDA - Bennett Trochlil, Superintendent

*IV. CONSENT AGENDA

All items listed with an asterisk () are considered to be routine by the School Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member or citizen so requests, in which event the item will be considered in its normal sequence on the agenda.

V. COMMUNICATIONS

VI. OPPORTUNITY FOR CITIZENS TO SPEAK

VII. "WE ARE PROUD"

1. Lynn Prom has received the 1987 "Excellence in Education Award" sponsored by the Minnesota Chamber Foundation. Through the "Excellence in Education Awards" the business community recognizes and encourages outstanding K-12 classroom teachers.

A reception will be held on October 20 at the Ordway in St. Paul for the 12 people receiving this award.

2. Jerry Koenig was appointed to the Minnesota State Board for Social Workers Licensure by the Governor's office.

VIII. MOORHEAD TECHNICAL INSTITUTE AGENDA

A. UNFINISHED BUSINESS

B. NEW BUSINESS

- *1. Consider 1987-88 Approved (Molick) Appendix A
Grants

Explanation: The Moorhead Technical Institute received the following grants (refer to Appendix A-1).

Recommendation: Move to accept the 1987-88 approved grants as listed.

- *2. Consider Acceptance of Gift (Molick) Appendix B

Explanation: The Chevrolet Division of the General Motors Corporation has informed Mr. Bob Knudtson, instructor, that they are donating one vehicle to the auto mechanics program.

Recommendation: Move to accept the donation of a flood damaged Chevrolet.

- *3. Consider Imprest Cash (Molick) Appendix C

Explanation: Moorhead Technical Institute has increased needs for the imprest cash fund to pay refunds for adult education. An increase of \$2500 (to \$7500 total) in the Moorhead Technical Institute imprest cash account is requested.

Recommendation: Move to approve the increase in the imprest cash account at Moorhead Technical Institute to \$7500.

- *4. Consider Claims (Molick) Appendix D

Explanation: Approval is requested for claims to be paid as follows:

Pell & SEOG grants	\$94,856.32
Tuition refunds	2,011.50

Submitting these expenditures at the first board meeting of the month results in a very large number of corrections on checks, so periodically these claims will be submitted at the second board meeting.

Recommendation: Move to approve claims totalling \$96,867.82 as indicated.

FOR YOUR INFORMATION - Moorhead Technical Institute

1. Commercial Arts Presentation - Keith Togstad will introduce the Commercial Arts Presentation. The first year instructor is Larry Anderson and the second year instructor is Tom Kavanaugh.

IX. PRE-SCHOOL--K - GRADE 12 PROGRAM--COMMUNITY EDUCATION

A. UNFINISHED BUSINESS

1. Consider Tobacco Usage (Jernberg) Appendix E
Cessation

Explanation: At the September 8 meeting, the Board was provided with information regarding the Tobacco Usage Cessation Program for all employees.

The administration recommends that the Board approve expenditures not to exceed \$2000 for tobacco usage cessation programs in the Moorhead School System including Moorhead Technical Institute with funding to be from Minnesota State Tobacco Usage Prevention Funds.

The employees will pay for approved cessation programs as determined by the administration and upon completion will be reimbursed for 50% of costs.

Recommendation: Move to approve the Tobacco Usage Cessation Program as outlined above and authorize expenses not to exceed \$2000.

NEW BUSINESS

- *1. Consider Nonresident (Jernberg) Appendix F
Student Agreement

Explanation: A nonresident agreement has been approved by Glyndon Board of Education for Kenneth Hilde, a resident of Glyndon-Felton School District to attend Moorhead Senior High School.

Recommendation: Move to authorize the nonresident agreement as outlined above.

-
2. Consider Pre-approval of (Jernberg) Appendix G
Spanish Trip

Explanation: Appendix G-1 contains information regarding the proposed annual trip for Spanish students to Mexico on March 27 - April 5, 1988. A member of the World Language faculty will discuss the proposal with the Board.

Recommendation: Move to approve the Spanish trip to Mexico as outlined.

3. Consider Acceptance
of Grants

(Jernberg)

Appendix H

Explanation: Appendix H-1 contains a letter regarding Carl Perkins federal grant monies in the amount of \$4505.12 for Career Planning for Handicapped Youth and \$7049.74 to serve disadvantaged youths.

The funds for serving handicapped youth will be utilized for career planning in Moorhead and other area schools in cooperation with Rural Minnesota CEP. The funds for disadvantaged youth will be used for providing parenting incentives. The grants were originally written for the Clay County Vocational Center but cannot be transferred to ECSU in that they have been awarded Carl Perkins grants in the same categories and the State will not allow two grants to one local education agency.

Recommendation: Move to authorize the pursuit and acceptance of the Carl Perkins grants with the approval of the State Department of Education.

4. Consider Personnel

(Bergen)

Appendix I

New Employees

Joann Larum - Food Server, North Campus, \$4.50 per hour, 2 hours daily, effective September 8

Carol Deilke - Food Server, Probstfield, \$4.50 per hour, 2.25 hours daily, effective September 8

Lois Peterson - Food Server, Riverside, 4.50 per hour, 1.5 hours daily.

Jeff Robinson - Guidance Counselor, Senior High, effective September 18, MA (7) \$25,047 plus two weeks extended, based on 1986-87 salary schedule)

Maternity Leave

Barb Burntvedt - Secretary in Business Office, Townsite Centre, six weeks maternity leave, effective approximately October 22, 1987.

Recommendation: Move to approve the personnel changes as shown.

*5. Consider Teacher Training (Jernberg)
and Retraining Application

Appendix J

Explanation: Appendix J-1 contains the first page of a form for making application for funds under the provisions of the Education for Economic Security Act (P.L. 98-377), Title II, for the purpose of training and retraining teachers in mathematics, science, foreign languages and computer learning.

Recommendation: Move to approve the application as outlined above and the Statement of Assurances as stated on the form.

X. FOR YOUR INFORMATION

Appendix Z

1. Inventors Fair - Mary Johnson presentation will include: 1. summarization of curriculum writing; 2. report on the process of using both Fargo and Moorhead students; 3. Valley Fest Young Inventors Fair; and, 4. her role as a delegate to the Minnesota State Inventors Congress.
 2. Demographics - Refer to Appendix Z-2
 3. Heritage/Hjemkomst Center Requests - Trochlil & Jernberg
-

CALENDAR OF EVENTS

<u>Event</u>	<u>Date</u>	<u>Time</u>	<u>Place</u>
Teachers Negotiations	Monday, Sept. 21	5:00 p.m.	Townsite
Supervisors Negotiations	Tuesday, Sept. 22	9:00 a.m.	Townsite
Community Fall News-letter Articles Due	Tuesday, Sept. 22		
Region 8AA MSHSL	Wednesday, Sept. 23	7:00 p.m.	Wadena
Moorhead OctoberFest	Friday, Sept. 25, Saturday, Sept. 26 & Sunday, Sept. 27	All Day	Sports Center
Fall Adult/Community Ed. Classes Start	Monday, Sept. 28		
MSBA Area Meeting	Monday, Sept. 28		Pelican Rapids
Policy Review	Monday, Sept. 28	7:00 a.m.	Townsite
Board Retreat	Friday, Oct. 2 & Saturday, Oct. 3	6:30 p.m. 8:00 a.m.- 12:00 noon	Fergus Falls
Chamber of Commerce	October 6	6:00 p.m.	Regency

XI. OTHER PERTINENT ITEMS TO COME BEFORE THE BOARD OF EDUCATION

XII. ADJOURNMENT

MOORHEAD TECHNICAL INSTITUTE
1987-88
Grants

1. "Learning to Think-Thinking to Learn"
Amount of Grant: \$2,000
Origination: State Board of Voc.-Tech. Education
Person Responsible: Harriet Tufte
Completion Date: April 11, 1988
Brief Narrative: Strategies for improving instruction: lecture, modeling of strategies, small group activities and hands-on experiences for both secondary and post-secondary vocational instructors.
2. "Support Services for Women in Nontraditional Careers" (Category I)
Amount of Grant: \$2,842
Origination: State Board of Voc.-Tech. Education
Person Responsible: Harriet Tufte
Completion Date: June 1988
Brief Narrative: To provide for approximately 135 hours of counselor/consultant time to provide the recruiting, retention, and placement of females enrolled in nontraditional careers.
3. "Support Services for Women in Nontraditional Careers" (Category II)
Amount of Grant: \$12,000
Origination: State Board of Voc.-Tech. Education
Person Responsible: Harriet Tufte
Completion Date: May 1988
Brief Narrative: This is the first year in a three-year project to recruit women into nontraditional careers. The focus for 1987-88 will be with the following programs: Electronics, Refrigeration/Air-Conditioning, and Welding.
4. "Support Services for Single Parents/Homemakers"
Amount of Grant: \$5,000
Origination: State Board of Voc.-Tech. Education
Person Responsible: Harriet Tufte
Completion Date: May 1988
Brief Narrative: To provide individual counseling, support groups, and job club services for seven hours a week for thirty weeks for single parents/homemakers enrolled at Moorhead Tech.
5. "Scholarship Award" and "Crisis Intervention"
Amount of Grant: \$2,794
Organization: State Board of Voc.-Tech. Education
Our share of a \$55,000 grant from NSP
Person Responsible: Solveig Mead
Completion Date: May 1988
Brief Narrative: Northern States Power has given \$50,000 to the State Board for scholarships and \$5,000 for crisis intervention. The grant to Moorhead Tech is based upon ADM (average daily membership) and was established for low-income students attending the 16 institutes within NSP's service territory.

CHEVROLET



Minneapolis Branch

September 10, 1987

Mr. Bob Knudtson
Moorehead Area Vocational Tech.
1900 28th Avenue South
Moorehead, MN 56560

Dear Mr. Knudtson

This letter is in response to your recent request for Chevrolet vehicles to be donated to your school for educational purposes. Due to a recent flood in the Minneapolis Metro area, several vehicles have become available for donation. I am happy to report that your school has been selected by Chevrolet's Minneapolis Branch to receive one of the vehicles that are now available.

Your vehicle is located at the Minneapolis Branch Office in Edina, MN. The address is 7600 Metro Blvd and is located directly behind the Radisson Hotel at I-494 and Highway 100. Please contact Steve J. Edgar at (612)-830-4041 to make arrangements to receive your vehicle as soon as possible.

A number of documents will need to be signed, so it will be necessary for yourself or another authorized representative of your organization to be present at time of pick-up.

We hope that this donation will be of great benefit to the educational process at your institution.

Sincerely yours,

A handwritten signature in cursive script that reads "Fred L. Sutherland".

Fred L. Sutherland
Staff Asst.-Dealer Operations

sje

To: Members of the Moorhead School Board
Re: Spanish trip to Mexico
From: Mrs. Janet Larson
Dates: March 27 - April 5, 1988

I am requesting your approval of the Spanish field trip to Mexico on March 27 - April 5, 1988. This is a student-funded trip that has also included fund-raising, consisting mostly of the sale of candy bars. The trip is organized through Intra-American Student Programs, a St. Paul group that has been sponsoring trips for high school students since 1971.

IASP offers a quality, structured, educationally sound travel experience. Included in the program is a teaching staff of bilingual U.S. educators, and an administrative staff which is on location and available 24 hours a day.

The Mexico trip is offered only to juniors and seniors who are currently enrolled in Spanish at MHS. When traveling, they will be joined by approximately 20 other students, 4-5 adults, 1 bus teacher (in charge of all group activities), and 1 administrative staff person.

Two very successful trips have been approved and taken by a total of 18 MHS students in March, 1986 and April, 1987.

Thank you for your consideration in this matter.

Mexico Trip Guidelines:

1. The trip to Mexico is available to any junior or senior, currently enrolled in Spanish at Moorhead Senior High.
2. Any requests for participation in the trip that are not covered in guideline #1, will be decided individually with the supervising teacher and the principal.
3. The Moorhead School Board has the final approval regarding the trip and the participants.
4. Intra-American Student Programs is the organization through which all travel arrangements are made. IASP offers a quality, structured, educationally sound travel experience.
5. The trip is student-funded, with optional fund-raising activities.
6. IASP offers the Mexico trip for 8 days during the Easter break.
7. The ratio of adults to students is approximately 5 to 1.
8. Since the trip is scheduled during the Easter break, the amount of school days missed will vary from 2 to 5.

September 15, 1987

Mrs. Janet Larson

Spanish Instructor, MHS

YOUTH EDUCATIONAL SERVICES

M.A.V.T.I.

1900 28th Avenue South
Moorhead, Minnesota 56560
(218) 233-0924

MEMORANDUM

TO: Bob Jernberg, Asst. Supt.
Townsite Center

FROM: Bob Wiltsey, Y.E.S.

DATE: September 9, 1987


SUBJECT: Carl Perkins money for
disadvantaged and handicapped
(follow-up on our phone conversation on
Sept. 10, 1987)

As we have changed fiscal agents at Y.E.S., I would like for the Moorhead District to host a consortium of schools in Clay County to accept Carl Perkins Grant Money. The problem comes from the fact that the CCVCC Board authorized me to pursue the grants originally, and later, when we terminated the CCVCC, the grants were supposed to be transferred to ECSU. However ECSU has been awarded another Carl Perkins grant and the state cannot award two grants to one LEA. (ECSU being considered an LEA.)

The state will transfer the grants to any district in Clay County. I suggested Moorhead. If it is ok with you, I need a motion to receive the grants (see enclosed).

Motion by _____ to authorize pursuit of Carl Perkins grants and acceptance of said grants. Seconded _____.

Thanks!

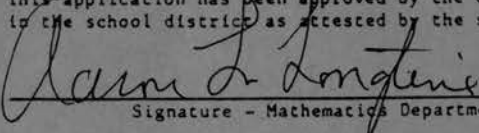
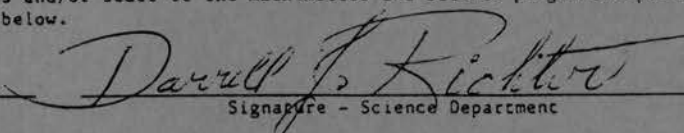
 Minnesota Department of Education	Education Development Section 922 Capitol Square - 550 Cedar St. Paul, MN 55101	TEACHER TRAINING & RETRAINING APPLICATION	ED-017J2-01
			DUE 4/30/87

General Information and Instructions: This form is to be used in making application for funds under the provisions of the Education for Economic Security Act (P.L. 98-377), Title II, for the purpose of training and retraining teachers in mathematics, science, foreign languages and computer learning. Submit three copies of this application to the above address.

IDENTIFICATION INFORMATION			
Applicant District Name Moorhead Public Schools		District Number 152	
Address 810-4th Avenue South		City Moorhead	Zip Code 56560
Name of Program Contact Person Robert Jernberg		Title Assistant Superintendent/Instruction	Telephone (Include Area Code) (218) 236-6400

APPLICATION / APPLICANT INFORMATION		
Project Title		Program Duration July 1, 1987 - June 30, 1988
Application Type (check one) <input type="checkbox"/> Application for YEAR #3 (F.Y. 1988) <input type="checkbox"/> Amendment to YEAR #3 Application	Applicant Classification (check one) <input checked="" type="checkbox"/> School District/ECSU Cooperative (Provide Information at Right) <input type="checkbox"/> Single School District (Complete Remainder of Application)	Program Allocation is to be paid directly to (ECSU Identification): West Central ECSU Our Allocation is \$ 3352.32 Refer to page 1 of the instructions for further completion and forwarding directions.

COOPERATING AGENCIES	Enter names of agencies cooperating in this inservice effort, such as school districts, institutions of higher education, ECSU's, private agencies, etc.			
	AGENCY NAME	AGENCY NUMBER	CITY	AGENCY TYPE / CLASSIFICATION

STATEMENT OF ASSURANCES	
THE APPLICANT ASSURES AND CERTIFIES THAT:	
1. The School Board, at a meeting held on _____, 198__, authorized the undersigned to execute and file this application for funds provided under P.L. 98-377, Title II. 2. Equitable participation of nonpublic schools (if any) will be provided. Nonpublic representatives participated in planning and their needs were addressed through this application. 3. Funds will be used to supplement, not supplant, programs in mathematics, science, computer learning, and/or foreign languages. 4. Planning took into account the need for greater access to and participation in mathematics, science, computer learning programs and careers of students from historically underrepresented groups (minorities, females, individuals with limited English proficiency, the handicapped and migrants). 5. This application has been approved by the chairpersons and/or staff of the mathematics and science programs/departments in the school district as attested by the signatures below.	
 Signature - Mathematics Department	 Signature - Science Department
Signature - Program Responsible Authority _____ Date _____	

MEMORANDUM

DATE: September 10, 1987
TO: Planning Commissioners
FROM: Scott Richards, City Planner *SR*
RE: Village Green Second Addition - Lot Availability

As per a request from Robert Lacher, I have researched the availability of lots within Village Green Second Addition that can be purchased under the New Home Construction Incentive Program in the Village Green area. All of these lots are located within an R-1 District, are fully-serviced and may be purchased outright or with the assistance of the New Home Construction Incentive Program.

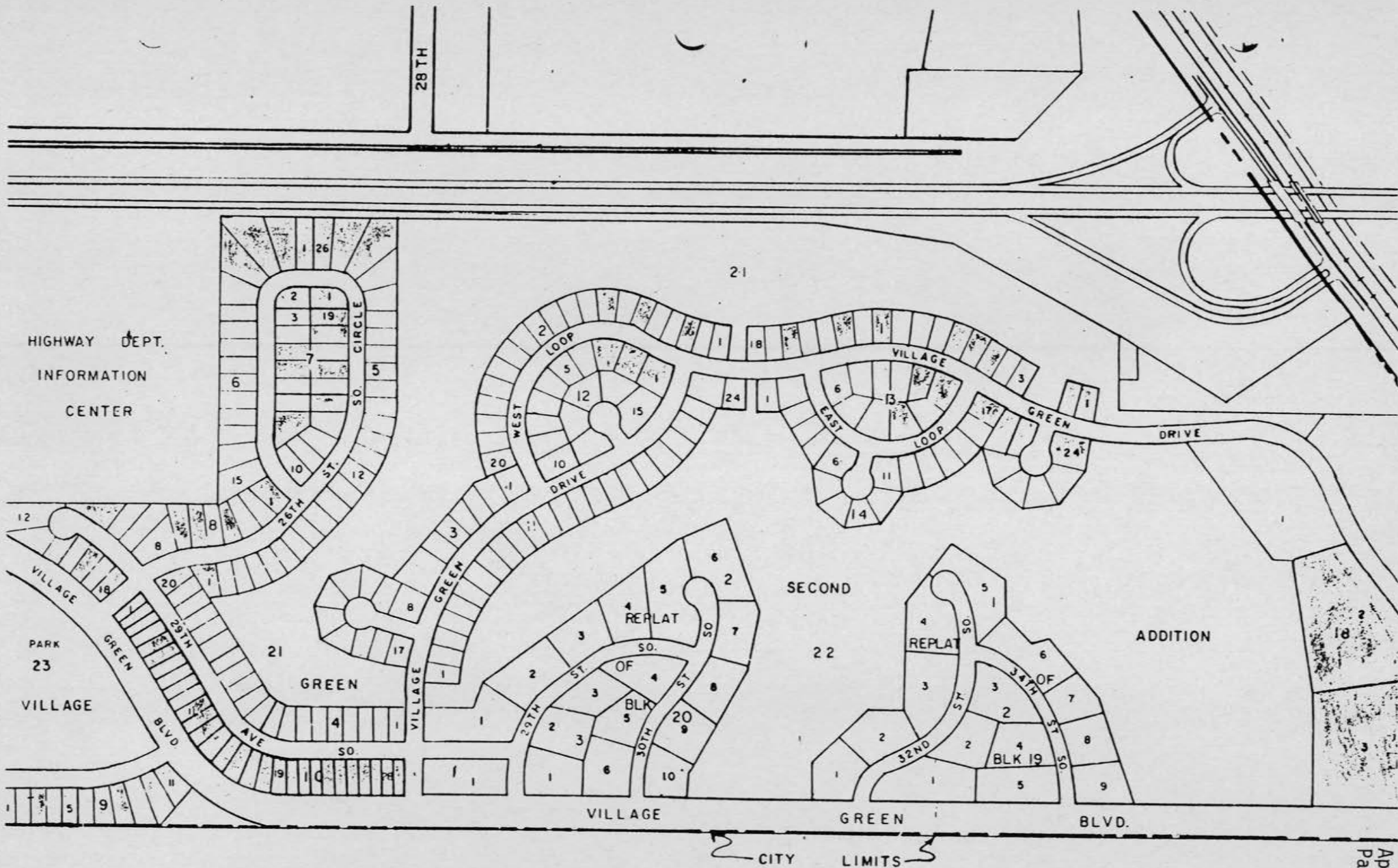
Fifty-nine (59) lots in Village Green are available for sale under the original Program (see Attachment 1 and 2). One hundred eighty-three (183) Village Green lots were originally a part of the Program. That number does not include the 19 lots located on Lots 19-29 of the Replat of Block 10 (see Attachment 3) or the 45 lots of the Replat of Block 20 (see Attachment 4) that have been added to the Program through replatting by the City this summer. Of the 45 lots in the area known as Fairway Point, 19 were sold at public auction on Wednesday, August 19, for a minimum of \$.96 per square foot--the cost of the City providing street and sewer improvements. On August 24, the Council accepted bids for seven lots in Block 2 of the development that border on the Golf Course for prices that range from about \$2,000 to \$4,500 below \$.96 per square foot. The Council also authorized the sale of two lots in Block 3 on the condition that the price of \$4,000 be negotiated for each.

In summary, the total of lots available in Village Green as of September 10, including Blocks 10 and 20, that are eligible for the New Home Construction Incentive Program is 95.

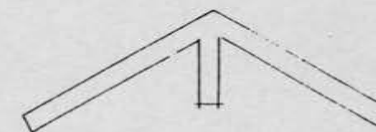
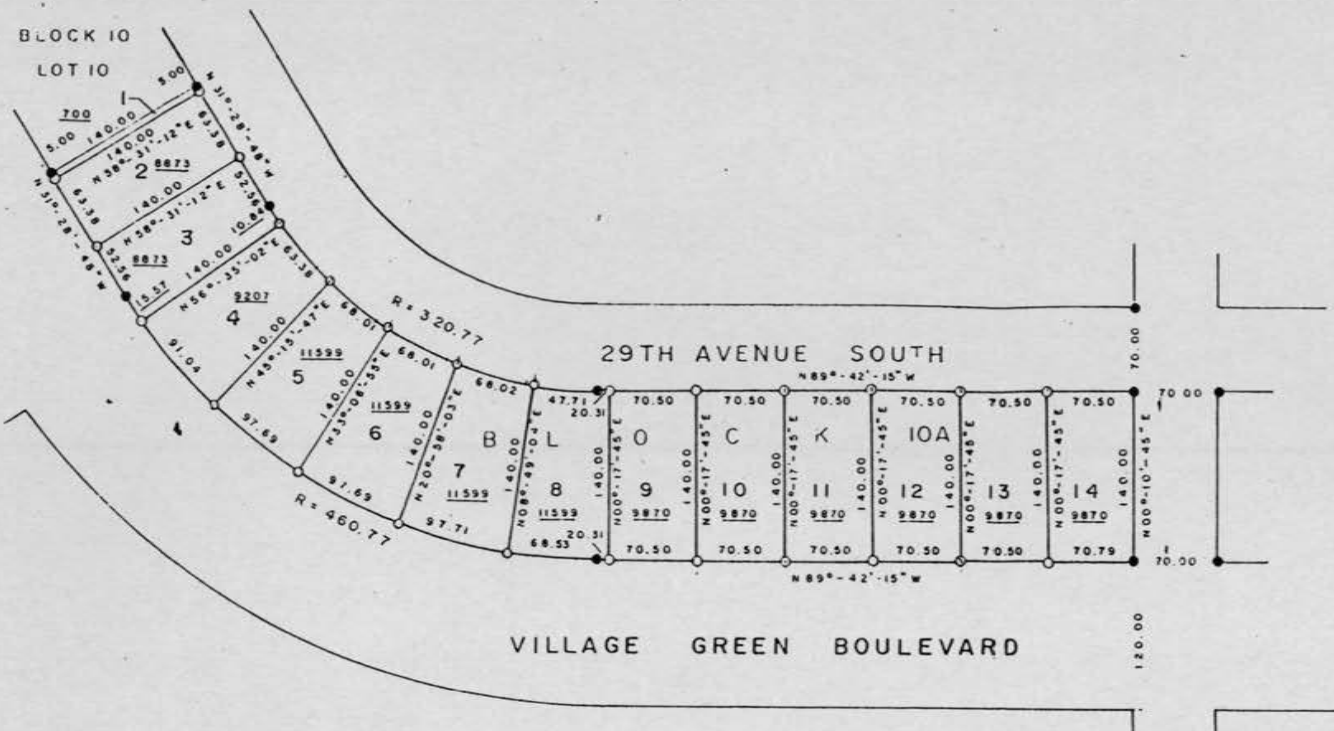
SR:lvb:l0pc2/SR
Attachments (4)

VILLAGE GREEN FIRST ADDITION
LOT INVENTORY

	<u>Number of Lots</u>	<u>Sold/Optioned</u>	<u>Remaining for Sale</u>
Available - 1986	183	124	59
Replat of Block 10	19	0	19
Replat of Block 20	<u>45</u>	<u>28</u>	<u>17</u>
Total Available	247	152	95



PREPARED BY
OFFICE OF THE CITY ENGINEER



NORTH

SCALE 1" = 100'

MONUMENTS INSTALLED
EXISTING MONUMENTS

MAY 1987

A REPLAT OF LOTS 11 THRU 14
OF A REPLAT OF BLOCK 10 OF
VILLAGE GREEN SECOND ADDITION
TO THE
CITY OF MOORHEAD, MINNESOTA

A REPLAT OF

BLOCK 20 OF A REPLAT OF BLOCKS 19 & 20

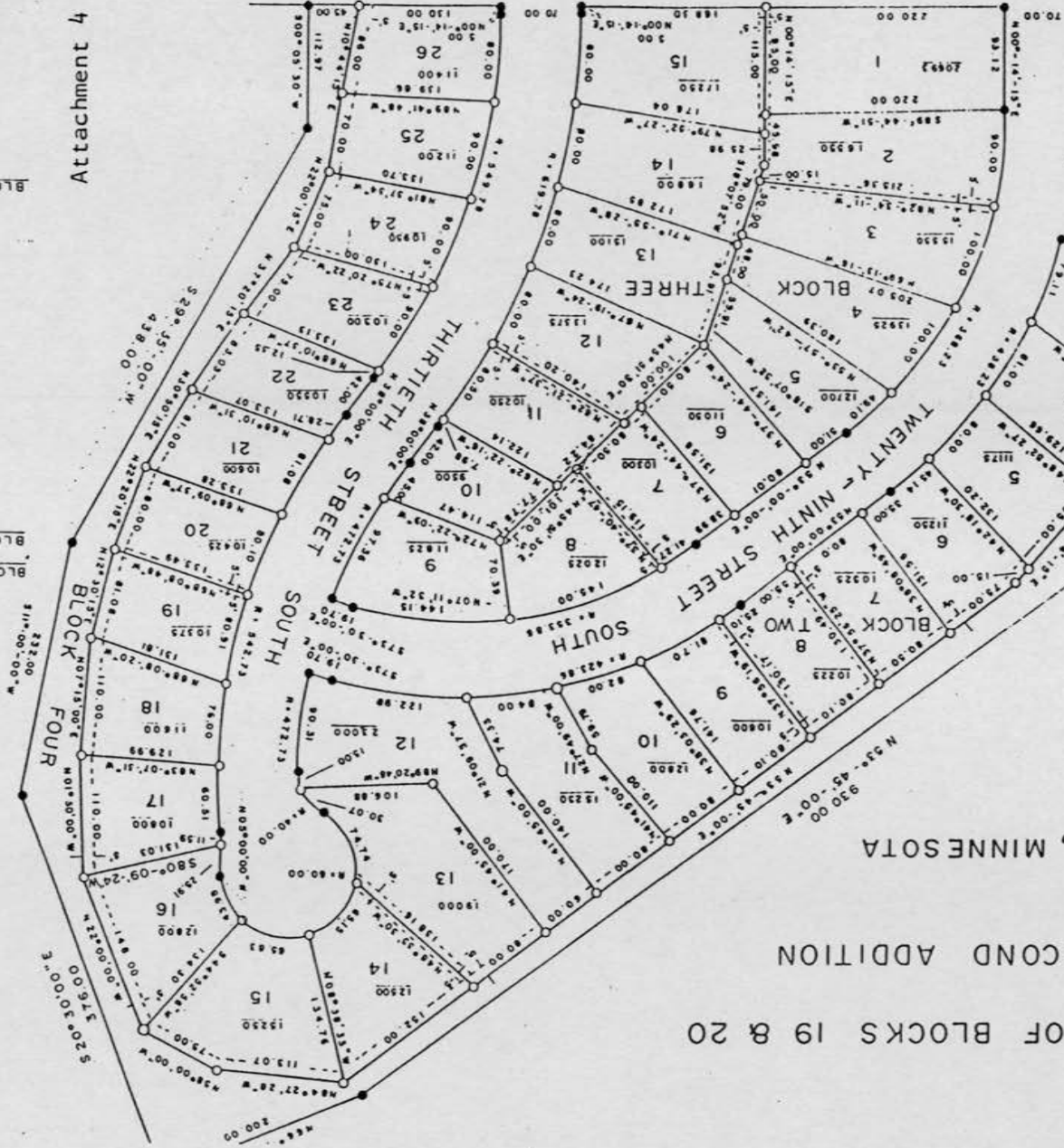
VILLAGE GREEN SECOND ADDITION

TO

THE CITY OF MOORHEAD, MINNESOTA

BLOCK TWENTY
VILLAGE GREEN SECOND
ADDITION

VILLAGE GREEN DRIVE
SECTION LINE
340.00



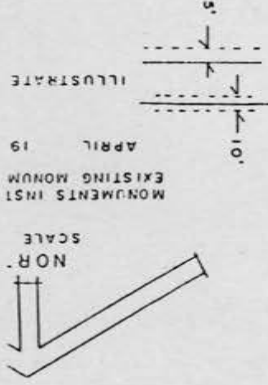
VILLAGE GREEN BOULEVARD

1027.56
N89°45'45\"/>

20.00

Attachment 4

BLOCK 1		BLOCK 2		BLOCK 3	
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26



CURVE DATA

RADIUS DELTA

458.25

107.25

107.25

107.25

107.25

107.25

107.25

107.25

107.25

107.25

107.25

107.25

107.25

107.25

107.25

107.25

MEMORANDUM

August 31, 1987

TO: Marlan Anderson, Fire Chief

FROM: Building Codes Division
by/Marge Lokken

SUBJECT: Building Permit activity since August 13, 1987

The following permits for family dwellings have been issued since August 13, 1987. Those marked with an asterisk are under the New Building Program.

* Doug Lomsdal Construction (Twin)	2819 26th St. South Circle)	\$ 90,000.00
	2821 26th St. South Circle)	
* Regal Builders	2912 Village Gr. Dr. West Loop	65,000.00
Van Raden Homes	2409 33rd Ave. S. Charing Cross	54,000.00
Renner Construction (Duplex)	905 7th Avenue South)	65,000.00
	907 7th Avenue South)	
* Scott Lomsdal Construction	2911 Village Green Drive	60,000.00
Roger Erickson Contracting	2514 North River Drive	73,000.00
Roger Erickson Contracting	1202 North 19th Street	65,000.00
* Eid-Co	3218 Village Green Drive	58,000.00
Vern Pederson	3801 South Rivershore Dr.	136,000.00
C: Scott Hutchins		
Loren Johnson		
Jerry Sorenson		
Bob Erickson		
Bob Martin		
✓ Scott Richards		
Richard Davidson		
Dennis Neudecker		
Harlan Ault		

INDEPENDENT SCHOOL DISTRICT NO. 152
MOORHEAD, MINNESOTA

9/19/85
BoA
10.13.87

Notice is hereby given that a regular meeting of the Moorhead Board of Education will be held on Tuesday, October 13, 1987, at 7:30 p.m. in the Board Room at Townsite Centre.

Bennett Trochlil
Bennett Trochlil, Superintendent

MISSION STATEMENT

To maximize the talents of every student in Independent School District Number 152.

ATTENDANCE:

Douglas Fagerlie _____	Allen Lund _____
Jeanne Seigel _____	Anton Hastad _____
Michael Hulett _____	Wayne Alexander _____
C. A. (Curt) Borgen _____	Bennett Trochlil _____

- I. CALL TO ORDER
- II. PLEDGE OF ALLEGIANCE
- III. PREVIEW OF AGENDA - Bennett Trochlil, Superintendent
- IV. APPROVAL OF MINUTES Appendix A

Recommendation: Move to approve the minutes of September 8 & 22, 1987.

*V. CONSENT AGENDA

All items listed with an asterisk () are considered to be routine by the School Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member or citizen so requests, in which event the item will be considered in its normal sequence on the agenda.

Recommendation: Move to approve the items on the consent agenda.

- *VI. CONSIDERATION OF CLAIMS Appendix B
- VII. COMMUNICATIONS
- VIII. OPPORTUNITY FOR CITIZENS TO SPEAK

IX. "WE ARE PROUD"

1. Fran Laske will be part of the North Central Institute National Council for the Accreditation of Teacher Education Evaluation Team on October 18 - 21 at Mankato State University.
2. Judy Christoffersen and Crystal Thorson and their students are responsible for the art work displayed in the Board Room.

X. PRE-SCHOOL--K - GRADE 12 PROGRAM--COMMUNITY EDUCATION

A. OLD BUSINESS

B. NEW BUSINESS

1. Appreciation Plaques (Andersen) Appendix C

Explanation: The Adult Community Education Program recognizes Doug Fagerlie, Howard Murray and Judy Ellison for the contributions they have made to the Community Education Program this past year by serving on the Advisory Committee. Rose Andersen will make this presentation.

Recommendation: For information only.

2. Consider Special Education (Swedberg) Appendix D
Effectiveness Grant

Explanation: In March of 1987, the Minnesota Department of Education announced a Special Education Effectiveness Grants project. Anne Moyano, Speech/Language Coordinator and LaRae McGillivray, Assistant Professor in the Speech/Language/Hearing Science Department at Moorhead State submitted a proposal for funding to that project. The proposal was approved on August 27, 1987, in the amount of \$34,000.00. The intent of the project is to improve the identification of school-age children with disorders of oral communication. It will define a replicable process for obtaining and analyzing samples of oral communication, construct age level normative tables and disseminate project findings. Anne Moyano will give a brief presentation on the project.

Recommendation: Move to accept the MDE Effectiveness Grant in the amount of \$34,000.00.

3. Consider Special Education (Jernberg)
Staff Needs

Appendix E

Explanation: Appendix E-1 contains a memo explaining needs, reasons, and action in several areas. The staff needs will be reviewed with the Board. Administration will monitor the needs of students before recommended staff is employed.

Recommendation: Move to direct administration to proceed in reviewing Special Education needs and employing necessary staff as outlined.

4. Consider Personnel

(Bergen)

Appendix F

New Employees

Mary Regelstad - 4th & 5th grade teacher, Washington, effective October 2, 1987, MA+45 (7) \$25,011.35 (\$28,274 base) based on 1986-87 salary

Jean Noetzelman - Chapter I teacher, Washington, .268 time MA6(7) \$6,632.64 (\$25,047 base) based on 1986-87 salary

Sue Giles - Chapter I teacher, Riverside, BA+45 (4) .536 time, \$11,474.65 (\$21,666.00) based on 1986-87 salary

Kathleen Aarhus - 5th grade teacher, Probstfield, .5 time, effective September 25, 1987, BA (0) \$8,409.56 (\$18,439.00) based on 1986-87 salary

Return From Leave

Rodney Remsing - return from five year leave to teach the 1988-89 school year

Retirement

Harlan Hatfield - Agri-Business teacher at Moorhead Technical Institute, currently on Unrequested Leave of Absence, effective November 25, 1987

Change in Contract

June Wentzell - Nurse's secretary, Riverside, to Nurse's secretary Edison, 6.2 hours per day

Recommendation: Move to approve the personnel changes as shown above.

5. Levy for 1987, Payable for 1988 (Lacher)

Appendix G

Explanation: Appendix G-1 is the notice regarding the change in the levy certification date to October 23, 1987 and the information regarding the levy. We will review the information and present the recommended levy. However, this topic needs discussion and the Board may wish to postpone a decision. Since negotiations is on Wednesday, October 21, 5:00 p.m., the Board may want to meet for final levy certification.

Recommendation: For discussion purposes.

6. Consider Change Order
North & South Campus

(Lacher)

Appendix H

Explanation: The buildings requested operable windows on the North and South end of the two story sections. The district has rented office space at the end of each hallway (Appendix H-1).

North Campus - 4 windows: \$1,250.00
South Campus - 4 windows: \$1,250.00

This would be charged to the energy conservation capital outlay allocation.

Recommendation: Move to approve change orders.

7. Change Order Requests -
Asbestos Abatement

(Lacher)

Appendix I

Explanation: Minnesota Hydroblast has submitted change orders totaling \$30,309.65. Appendix I-1 is the letter sent to Minnesota Hydroblast.

Recommendation: Move to approve the change orders as noted in letter totaling \$8,884.54.

8. Consider MTI Student
Senate Budget

(Johnson)

Appendix J

Explanation: The Student Senate at Moorhead Tech is proposing a budget of \$37,500 for the 1987-88 school year. Vern Nolting is the advisor for this organization. A revenue and expenditure worksheet is attached for your review (Appendix J-1).

Recommendation: Move to approve recommended budget.

*9. MTI Vocational Relicensure
Committee

Appendix K

Explanation: The Moorhead Technical Institute needs one administrator to serve on this committee for 1987-88. The administrator recommended for this year is Nate Johnson.

Recommendation: Move to approve appointment of Nate Johnson to Moorhead Technical Institute Vocational Relicensure Committee.

- *10. Consider Restructuring (Johnson)
Funding

Appendix L

Explanation: Moorhead Technical Institute will receive reimbursement from the State for restructuring programs which will total \$10,000 (Appendix L-1).

Recommendation: Move to approve \$10,000 reimbursement from the State to cover restructuring expenses.

-
- *11. Adult Basic Education (Andersen)

Appendix M

Explanation: Community Education has received a grant for the Adult Basic Education program for 1987-88. The total grant is \$51,639.29, \$35,064.29 is state aid and \$16,575 is federal. This is an increase over what we have received in previous years thus allowing us to increase our services.

Recommendation: Move to approve the grant for Adult Basic Education program for 1987-88 as stated above.

-
- *12. Consider Contributions (Andersen)
Moorhead Literacy Project

Appendix N

Explanation: The Moorhead Literacy Project, a Community Education Program, has received the following contributions:

Herby LCW - \$15.00
Herby Lutheran Church
Argusville, ND

Lutheran Church Women - \$15.00
Bethesda Lutheran Church
Moorhead, MN

Recommendation: Move to approve the contributions to Moorhead Literacy Project as stated above.

-
- *13. Consider ESL Services for (Lacher)
Adult Refugees

Appendix O

Explanation: The State of Minnesota, Department of Human Services, has awarded the Adult Community Education Program \$12,000 for ESL services for refugees for the period July 1, 1987 through June 30, 1988. The contract for this program was approved by the board April 28, 1987. Requests for payments are sent in monthly. We recommend that Rose Andersen be authorized to sign these claims that are submitted to the Department of Human Services. This practice needs to be approved by Board action.

Recommendation: Move to approve the authorization for Rose Andersen to sign claims for payments submitted to the Department of Human Services.

*14. Sports Center Committee (Trochlil)

Appendix P

Explanation: Appendix P-1 is the background information as a result of of a meeting between the city and school district staff.

Recommendation: Move to approve the information contained in Appendix P-1.

XI. FOR YOUR INFORMATION

Appendix Z

1. Color Selection - North and South Campus - Color selection chips will be available at the meeting for the canopy, metal doors, frames and downspouts.
2. Transportation - The Hartford Insurance Company on Transportation Fleet Loss Control Program - Appendix Z-1.
3. Tobacco Free Environment Plaque - Jeanne Seigel will present the Tobacco Free School plaque that was received from the the Minnesota Lung Association.
4. UNISYS Conference - October 1-3 - Ben Trochlil will make a report.

CALENDAR OF EVENTS

<u>Event</u>	<u>Date</u>	<u>Time</u>	<u>Place</u>
MEA Convention (no school for students)	Thursday, Oct. 15 & Friday, Oct. 16		
MEEP Elementary Team Meetings (no school for students)	Monday, October 19		
MTI Annual Meeting	Tuesday, Oct. 20		St. Cloud
Excellence in Education Award (Lynn Prom)	Tuesday, Oct. 20	4:00 p.m.	Ordway - St. Paul
Wake Up to Moorhead (report on the city)	Tuesday, Oct. 20	7:00 a.m.	Regency
Teacher Negotiations	Wednesday, Oct. 21	5:00 p.m.	Townsite
Supervisor Negotiations	Thursday, Oct. 22	9:00 a.m.	Townsite
Vocational Industrial Clubs of America Leadership Conference	Friday, Oct. 23 - Sunday, Oct. 25		Regency Inn
School Board Retreat	Friday, Oct. 23 - Saturday, Oct. 24	7:00-10:00 p.m. 8:00 a.m.- 1:00 p.m.	Holiday Inn F. Falls
North Central Association Visitation	Sunday, Oct. 25 - Wednesday, Oct. 28	all day	District-Wide
Policy Review	Monday, Oct. 26	7:00 p.m.	Townsite
MTI Advisory Committee Dinner	Thursday, Oct. 29	6:30 p.m.	MTI

XI. OTHER PERTINENT ITEMS TO COME BEFORE THE BOARD OF EDUCATION

XII. ADJOURNMENT

Regular Meeting
Board of Education.
Independent School District #152
September 8, 1987

Members Present: Douglas Fagerlie, Allen Lund, A.C. (Curt) Borgen,
Jeanne Seigel, Michael Hulett, Wayne Alexander and Anton Hastad.

The meeting was called to order by chairperson Seigel.

Chairperson Seigel led the Board, administration and the audience
in the Pledge of Allegiance.

PREVIEW - Trochlil previewed the agenda, adding Personnel,
Nonresident Agreements and Enrollment Options Program.

MINUTES - Alexander moved, seconded by Hulett, to approve the
minutes of August 11 & 25, 1987. Motion carried.

Hulett, moved, seconded by Alexander, to approve the minutes of
August 27, 1987. Motion carried.

CONSENT AGENDA - Hulett moved, seconded by Hastad, to approve the
claims, subject to audit, for \$1,134,614.29. Motion carried.

GENERAL FUND	\$ 198,931.16
FOOD SERVICE	21,091.48
TRANSPORTATION FUND	36,216.10
COMMUNITY SERVICE	12,975.82
CAPITAL EXPENDITURE	372,302.12
CONSTRUCTION FUND	366,107.81
MTI-GENERAL FUND	89,910.99
MTI COMM SERVICE	4,752.51
VO-TECH CAP. OUTLAY	21,809.26
REPAIR & BETTERMENT	4,786.00
MTI STUD SEN & MISC	2,158.16
TOWNSITE CENTRE	3,572.88
 TOTAL	 \$1,134,614.29

OPPORTUNITY FOR CITIZENS TO SPEAK - Ken Lucier, parent of a 5th
grader at Washington, expressed concerns for large class sizes.

Dan Thoreen, Riverside parent, expressed concerns for kindergar-
ten students being bussed from Edison to Riverside.

ENROLLMENT UPDATE - Bob Jernberg gave a current enrollment update
and explained changes made to alleviate high classroom sizes in
elementary schools and probable additions of sections at Senior
High and South Campus.

Regular Meeting
Board of Education
Independent School District #152
September 8, 1987
Page Two

FIFTH GRADE TO NORTH - Alexander moved, seconded by Hastad, to direct administration to proceed with planning and execution of moving fifth grade students to North Campus in the fall of 1988. Motion carried by roll call vote: Fagerlie-yes, Lund,-yes, Borgen-yes, Seigel-yes, Hulett-yes, Alexander-yes, Hastad-yes.

Hulett was excused at 8:40 p.m.

PERSONNEL - Borgen moved, seconded by Hulett, to approve the following personnel changes:

Resignation

Diane Mancini - Music teacher, Riverside, effective immediately
Betsy Little - Guidance Counselor, Senior High, effective September 18, 1987

Change in Contract

Linda Blazek - Special Services Secretary, Townsite, full-time, to Senior High, 16 hours per week
Leslie Walkin - French teacher, part time, Senior High to full-time French, Senior High

New Employee

Humberto Rizzo - Spanish teacher, Senior High, .214 time, MA+45 (0) \$5,556.93 (\$25,967) based on 1986-87 salary schedule
Phyllis Cassatt - English teacher, Senior High, .643 time, BA (2) \$11,856.77 (\$18,439) based on 1986-87 salary schedule
Kathleen Nylander - French teacher, Senior High, .429 time, BA+45 (0) \$9,294.71 (\$21,666) based on 1986-87 salary schedule
Ann Dahl - half-time kindergarten teacher, Riverside, BA+15 (0) \$9,757 (based on 1986-87 salary schedule)
Lori Woods - 1st grade teacher, Probstfield, BA (4) \$18,439, based on 1986-87 salary schedule)
Janice Buckner - Coordinator of Technology, effective September 16, 1987, \$40,000 (pro-rated)
Donna Grandbois - Secretary - Adult Education, MTI, \$6.07 per hour, effective September 3, 1987 (based on 1986-87 salary schedule)
Ruth Kalpin - Principals Secretary, North Campus, 3 1/2 hours per day, \$6.07 per hour (based on 1986-87 salary schedule)
Pat Hall - Nurses Secretary - Riverside, 4 hours per day, \$6.07 per hour (based on 1986-87 salary)
Linda Smith - LD Aide, Senior High, 7 hours per day, \$6.07 per hour (based on 1986-87 salary schedule)
Vonnie Thordahl - first grade teacher, Washington, BA (0) \$18,439 (based on 1986-87 salary schedule)
Sharon Torkelson - third grade teacher, Riverside, BA (0) \$18,439 (based on 1986-87 salary schedule)
Diane Macsiewski - second grade teacher, Edison, BA (0) \$18,439 (based on 1986-87 salary schedule)
Robert Salo - Custodian, Riverside, \$6.07 per hour, effective September 8, 1987

Motion carried.

Regular Meeting
Board of Education
Independent School District #152
September 8, 1987
Page Three

PERSONNEL - (continued)

Borgen moved, seconded by Lund, to approve payment of \$1,000 to Rose Andersen for service as Interim Director at MTI for approximately six (6) weeks. Motion carried.

FOOD SERVICE - Fagerlie moved, seconded by Borgen, to establish the following adult ala carte meal prices:

	<u>1986-87</u>	<u>1987-88</u>
Breakfast	.85	.90
Entree	.90	1.00
Soup	.60	.65
Salad	.60	.65
Soup or salad, 1/2 sandwich	.90	1.00

Motion carried.

SMOKING CESSATION PROGRAM - Cynthia Sillers, Heart/Health Educational Coordinator for the district, reviewed a proposal for how the Moorhead School District can assist personnel to quit smoking in light of the recently developed "Tobacco Free Environment Policy." She will coordinate the project.

NON-RESIDENT AGREEMENTS - Hastad moved, seconded by Fagerlie, to approve nonresident agreements for:

Amanda McArthur - grade 9, Dilworth, to attend Moorhead Senior High

Daniel Rendon - age 11 and Hector Rendon - age 12, four miles east of Georgetown, to attend Glyndon Schools

David Schultz - age 7, Kent, to attend Washington School

Motion carried.

ENROLLMENT OPTIONS PROGRAM - Jernberg updated the Board on our experience with the Open Enrollment Options Program for the 1987-88 school year.

Hastad moved, seconded by Borgen, to participate in the Enrollment Options Program for the 1988-89 school year. Motion carried.

FOR YOUR INFORMATION

1. MSBA Board Member of the Year - Alexander moved, seconded by Fagerlie, to nominate Curt Borgen for MSBA Board Member of the Year. Motion carried.
2. Elks Lodge Contribution - The Fargo Elks Lodge will provide a season-end picnic for 120 people who participated in the Adult Handicapped Summer Softball League. The district placed a value of \$500.00 on this contribution.

Regular Meeting
Board of Education
Independent School District #152
September 8, 1987
Page Four

OTHER PERTINENT ITEMS TO COME BEFORE THE BOARD OF EDUCATION

1. The position of MSBA District 10 Director, now held by Betti Reuther, Breckenridge, will be vacant and voted upon at the MSBA convention in January. Jeanne Seigel has made the decision to be a candidate for the position.
2. October Retreat - This is scheduled for Friday, October 2 and Saturday, October 3. Board and administrators need to begin discussion as to the topics on the agenda.

ADJOURNMENT - Alexander moved, seconded by Fagerlie, to adjourn the meeting. Motion carried.

Anton Hastad, Clerk

Regular Meeting
Board of Education
Independent School District #152
September 22, 1987

Members Present: Douglas Fagerlie, Allen Lund, Jeanne Seigel, A.C. (Curt) Borgen, Allen Lund, Anton Hastad, Wayne Alexander and Bennett Trochlil

The meeting was called to order by Chairperson Seigel.

Chairperson Seigel led the Board, administration and audience in the Pledge of Allegiance.

PREVIEW - Trochlil previewed the agenda, adding Temporary Easement Action.

CONSENT AGENDA - Hastad moved, seconded by Hulett, to approve the following items on the consent agenda: (MTI) - 1987-88 Approved Grants, Acceptance of Gift, Imprest Cash, Claims; (Pre-School-K-Grade 12-Community Education) - Student Agreement, Teacher Training and Retraining Application. Motion carried.

COMMUNICATIONS - Hulett read a letter from the Washington P.T.O. Executive Board thanking the Board for their efforts in hiring additional teachers at their school.

OPPORTUNITY FOR CITIZENS TO SPEAK - David Givers, parent, presented his opinions on setting priorities in ventures as expansion of Sports Center when additional teachers are needed for S.T.E.P. and counseling.

COMMERCIAL ARTS PRESENTATION - Larry Anderson and Tom Kavanaugh, instructors of Commercial Arts at Moorhead Technical Institute, gave a presentation on the program. Judy Ellingson and Brett Link, former students of the program, gave an overview of their present careers and displayed some of their work.

1987-88 APPROVED GRANTS - As part of the consent agenda, the Board approved the following grants received by Moorhead Technical Institute: "Learning to Think-Thinking to Learn", "Support Services for Women in Nontraditional Careers, Category I & 11", "Support Services for Single Parents/Homemakers", "Scholarship Award" and "Crisis Intervention." Motion carried.

ACCEPTANCE OF GIFT - As part of the consent agenda, the Board accepted the donation of a flood damaged Chevrolet to the Moorhead Technical Institute auto mechanics program.

IMPREST CASH - As part of the consent agenda, the Board approved the increase in the imprest cash account at Moorhead Technical Institute to \$7500.

Regular Meeting
Board of Education
Independent School District #152
September 22, 1987
Page Two

CLAIMS - As part of the consent agenda, the Board approved claims totalling \$96,867.82 at Moorhead Technical Institute.

INVENTORS FAIR - Mary Johnson gave a presentation on the Inventors Fair which included summarization of curriculum writing, report on the process of using both Fargo and Moorhead students, Valley Fest Young Inventors Fair, and her role as a delegate to the Minnesota State Inventors Congress.

CONSIDER TOBACCO USAGE CESSATION - At the September 8 meeting, the Board was provided with information regarding the Tobacco Usage Cessation Program for all employees.

Borgen moved, seconded by Lund, to approve the Tobacco Usage Cessation Program and authorized expenses not to exceed \$2000. Motion carried.

PRE-APPROVAL OF SPANISH TRIP - Jean Moe, instructor, presented information regarding the proposed annual trip for Spanish students to Mexico on March 27 - April 5, 1988, and discussed the proposal with the Board.

Hulett moved, seconded by Borgen, to approve the Spanish trip to Mexico as outlined. Motion carried.

NON-RESIDENT STUDENT AGREEMENT - As part of the consent agenda, the Board authorized the nonresident agreement for Kenneth Hilde, a resident of Glyndon-Felton School District to attend Moorhead Senior High School.

ACCEPTANCE OF GRANTS - Jernberg reviewed a letter regarding Carl Perkins federal grant monies in the amount of \$4,505.12 for Career Planning for Handicapped Youth and \$7,049.74 to serve disadvantaged youths.

Borgen moved, seconded by Alexander, to authorize the pursuit and acceptance of the Carl Perkins grants with the approval of the State Department of Education. Motion carried by majority vote.

PERSONNEL - Fagerlie moved, seconded by Hulett, to approve the following personnel changes:

New Employees

Joann Larum - Food Server, North Campus, \$4.50 per hour, 2 hours daily, effective September 8

Carol Deilke - Food Server, Probstfield, \$4.50 per hour, 2.25 hours daily, effective September 8

Lois Peterson - Food Server, Riverside, \$4.50 per hour, 1.5 hours daily

Jeff Robinson - Guidance Counselor, Senior High, effective September 18, MA (7) \$25,047 plus two weeks extended, (based on 1986-87 salary schedule)

Regular Meeting
Board of Education
Independent School District #152
September 22, 1987
Page Three

PERSONNEL - (continued)

Maternity Leave

Barb Burntvedt - Secretary in Business Office, Townsite Centre, six weeks maternity leave, effective approximately October 22, 1987

Deb Baumler - School Psychologist, to begin approximately October 12 through October 28

Change in Contract

Ted Guerrero - Change back to a regular nine month contract, from 124 days, BA+75 (11) \$28,996 (based on 1986-87 schedule)

PERSONNEL - CONTRACTS - Fagerlie moved, seconded by Hulett, to approve agreements with secretaries, aides and confidential secretaries. Motion carried.

TEACHER TRAINING AND RETRAINING APPLICATION - As part of the consent agenda, the Board approved the application for training and retraining teachers in mathematics, science, foreign languages and computer learning and the Statement of Assurances.

TEMPORARY CONSTRUCTION EASEMENT FOR 21ST STREET GRADE SEPARATION CONSTRUCTION PURPOSES - The Federal Highway Administration notified the City of Moorhead they would not approve the construction and maintenance agreement for the railroad track relocation until the City can submit the necessary right-of-way certificates including two three-year easements involving Moorhead Senior High properties.

Alexander moved, seconded by Lund, to approve the two three-year easement agreements and accept the \$800 remittance. Motion carried.

FOR YOUR INFORMATION

1. Demographics - The most recent data shows future growth in Moorhead. The district can assume this will have an impact on enrollments.
2. Heritage/Hjemkomst Center Requests - Discussion was held on the opportunities afforded students with district involvement in the Heritage/Hjemkomst Center and how it should be prioritized. The issue will be on the agenda for the Board Retreat, October 2 & 3.

Regular Meeting
Board of Education
Independent School District #152
September 22, 1987
Page Four

OTHER PERTINENT ITEMS TO COME BEFORE THE BOARD OF EDUCATION

1. Class Sizes - Administration has requests for six additional teachers due to increased class sizes. The issue will be reviewed and the Board will be polled.

Note: Fagerlie excused himself due to a job related emergency.

2. Negotiations Update - Rod Bergen reviewed teacher negotiations and supervisor mediation. The next teacher negotiations meeting will be Wednesday, October 21 at 5:00 p.m. at Townsite and Supervisors Mediation on Thursday, October 22 at 9:00 a.m. at Townsite.
3. Board Retreat - Agenda items were reviewed for the October 2 & 3 retreat in Fergus Falls.
3. Moorhead State University Regional Science Center - Board members will receive invitations to the Science Center dedication on October 10.
4. Adopt-A-School Guidelines - Discussion was held on the role of Board members in their Adopt-A-School appointments and on their breakfasts with staff.
5. Site Update - The Board was given an update on the status of the track at South Campus and timelines at North Campus.

ADJOURNMENT - Alexander moved, seconded by Hulett, to adjourn meeting. Motion carried.

Anton Hastad, Clerk

MEMO

TO: Robert Jernberg
FROM: Alan K. Swedberg
DATE: October 6, 1987
RE: Update on Special Education
Staff Needs

The following indicates the Special Education staff needs since the 11th of September, what we have done to remediate and what must be done in the immediate future.

<u>NEED</u>	<u>REASON</u>	<u>ACTION</u>
Additional teachers aide in the multi-handicapped classroom 9-18-87 for 9-24 but...	New student enrolled 9-23-87. Student is severely multiply handicapped.	Employed a temporary full time aide to meet need 9-23-87. Interviews 9-28-87/10-8-87 to fill position 1.0 FTE Aide by 10-12-87
Additional teachers aide or occupational therapist in multihandicapped program. 9-18-87 for implementation possibly in late October 1987	New student scheduled to be enrolled in late October 1987. Student is considered to be severely multihandicapped.	Working with Clay County Social Services to learn if and when student will arrive. Aide will be employed on a temporary basis until we determine if student and program needs can be met with an aide, an O.T. or both.
A part-time to full time Aide for a physically handicapped student at MSH 9/9.	Student paralyzed from neck down enrolled 9/28.	Temporary Aide employed 9/27. Interviewing 9/29 10-8 to fill position Part/Full time by 10/12.
A Part-Time Aide for an Elementary Age Physically handicapped student.	Student is scheduled to enroll early to Mid-October.	Aide will be employed part/full time after student is enrolled based on the needs of the student.
Current and anticipated needs indicate up to 1.428 FTE Speech/Language Clinicians are needed to serve students at Probstfield, Riverside, Washington and Moorhead Sr. High.	Increased number of students enrolled with Speech/Language handicaps. We anticipated adding some staff last spring when reduction took place.	Speech/Language Clinician will be employed .714 FTE to serve the unserved students by 10/12.

<p>Current and anticipated needs indicate 1.5 FTE E/BD teachers are needed to serve students at Edison, Riverside and MSH.</p>	<p>Increased student at both Elementary and Secondary schools we anticipated we would need to add staff last spring but didn't have any idea the need would be as great.</p>	<p>EBD teachers will be employed .714 FTE to serve students at Edison and Riverside and a .5 FTE to serve increased students at MSH.</p>
<p>Current needs indicate .286 FTE DAPE teacher is necessary to meet the needs of students in need of DAPE services.</p>	<p>Increase in number of students enrolled who need DAPE services. Also the DAPE program experienced a reduction of DAPE hours duct and an increased need in regular PE program.</p>	<p>Employ a PE teacher .286 FTE to relieve Ron Ness of two hours of regular P.E. at Edison, thus enabling R. Ness to meet the needs at MSH and Probst.</p>
<p>Current and anticipated needs indicate up to 2 FTE SLD teachers at Edison, Washington and Probstfield.</p>	<p>Increased students due to students moving in to the district with IEPs in place.</p>	<p>Employ 1.142 FTE SLD Teachers to serve students at Washington, Edison & Probstfield.</p>

SUMMARY

Numbers of teachers needed due to current and anticipated needs.

Recommended staff to be immediately employed.

Speech/Language	1.428 FTE	.714 FTE
EB/D	1.50 FTE	1.214 FTE
DAPE	.286 FTE	.286 FTE
SLD	2.00 FTE	1.142 FTE
	<u>5.214 FTE</u>	<u>3.356 FTE</u>

Number of Aides need due to current and anticipated needs.

Multi-Hdcp.	1 to 2 FTE	1.00 FTE
Phys. Hdcp.	.571 to 1.0 FTE	.571 FTE
Phys. Hdcp.	0 to 1.0 FTE	
		<u>1.571 FTE</u> *

* Aides employed prior to 10/5

It is necessary to take immediate action to fill the recommended teaching positions this week, 10/5/87. Aide positions are being filled as students enroll and services are needed.

Cy: Rod Bergen

CHANGE ORDER

PROJECT: Moorhead Public Schools
 * North Middle School Rewindowing
 Phase 2 *+ South*
 TO: Rusco Window Company
 P. O. Box 511
 Moorhead, MN 56560

CHANGE ORDER NO: G-1
 PROJECT NO.: Purchase Order - 29190
 Project No. - 8607-4
 CONTRACT FOR: Window Replacement
 CONTRACT DATE: April 15, 1987

You are authorized to make the following changes in this Contract:
 The work as outlined in Rusco's letter attached for adding four additional windows to this school for a total add of \$1,250.00.

CONTRACT SUMMARY:	
Original Contract Sum.....	\$ 248,000.00
Net change by previous Change Orders.....	\$ None
Contract Sum prior to this Change Order was.....	\$ 248,000.00
Contract Sum will be (increased) (decreased) by this Change Order.....	\$ 1,250.00
New Contract Sum including this Change Order will be.....	\$ 249,250.00
Contract Time will be XXXXXIncreasedXXXXXDecreasedXXXXX <i>Unchanged</i>	---- Days

FOSS ASSOCIATES
 Architecture Engineering
 & Interiors
 Moorhead, Minnesota

Rusco Window Company
 Contractor
 Moorhead, Minnesota

Ind. School District No. 152
 Owner
 Moorhead, Minnesota

By *Will Stalter*

By *FL. Roy*

Title Project Manager

Title Vice-President

Title _____

Date September 21, 1987

Date September 23, 1987

Date _____



Independent School District No. 152

Townsite Centre - 810 South 4th Avenue

Moorhead, Minnesota 56560

September 15, 1987

LE#: B244

Minnesota Hydroblast
P.O. Box 343
Eveleth, MN 55734

Dear Mr. Daniel T. Garman

SUBJECT: CHANGE ORDER REQUEST

In response to the following change orders you have submitted. The change orders should have been brought to our attention with a cost estimate prior to the work being done. Most of these items were discussed after the work was done.

Change order:

- #1 For the removal and replacement of the ceiling in the music office:

Requested	\$1,400.00
Approved	1,400.00

- #2 Removal of Urethane Foam and an exterior finish over the foam. Washington building:

Requested	\$5,549.95
Approved	1,446.63

Upon review of the request it is felt a reasonable allocation would be 26%. Based on the amount and nature of the material that was removed the request was excessive.

- #3 Cost of training employees due to EPA requirements:

Requested	\$845.00
Approved	743.20

Adjustment based on actual cost to NAC for the training.

- #4 None presented

- #5 Reinsulate 1,100 feet of steam line. North Building:

Requested \$5,302.00
Denied

Insulation was fiberglass and was not to be removed. See attached letter dated 9/16/87 from Midwest Asbestos Consultants, Inc.

- #6 Additional time cleaning unit ventilators:

Requested \$2,840.00
Approved 2,840.00

- #7 Additional time due to lack of lighting in tunnel-North building:

Requested \$10,630.62
Denied

The lighting in the work area was the responsibility of Minnesota Hydroblast. Mr. Kaste responded to a call from MHB by bringing MHB electrical sub-contractor to the site to check on the lights. Both Mr. Kaste and CB Electric confirm that lights were working in the tunnels. Please refer to the attached memos:

Sept. 11, 1987 CB Electric
Sept. 14, 1987 Orv Kaste

- #8 Damage caused by roofers:

Requested \$1,328.83
Approved 1,328.83

- #9 Water damage caused when roofer pushed standing water to a roof drain which was not hooked up:

Requested \$1,125.88
Approved 1,125.88

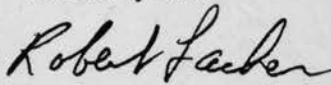
Total Requested \$30,309.65
Approved 8,884.54

Will bill A & R Roofing for change order #8:	\$1,328.83
" " " " " " " " #9:	1,125.88
Three days Air Testing at \$400.00	1,200.00
	<u>\$3,654.71</u>

Based upon this review it is felt that we have had additional air testing of three days due to damage caused by the roofing contractor. This would be a credit of three days of air testing.

If you have any additional questions on these items please let me know, if not we will submit these to the Board of Education for their approval.

Thank you.



Robert Lacher
Asst. Supt. - Business
ISD #152

cc: Dr. Trochil
Board of Education
Mr. Stelter--Foss Associates
Mr. Lammers--Midwest Asbestos Consultants
Mr. Sykora--Twin City Testing

Attachments:

Change order #1
" " #3
Willis Stelter notes on phone call regarding training.
Midwest Asbestos Consultants transmittal on training request.
June 8, 1987 letter from NAC regarding training.
June 22, 1987 NAC billing for training expenses.
NAC training certificates
Change order #5
Sept. 16, 1987 letter from Midwest Asbestos Consultants, Inc.
Change order #6
Change order #7
Memo Sept. 14, 1987 from Orv Kaste
Letter of Sept. 11, 1987 from CB Electric
Change order #8
Change order #9

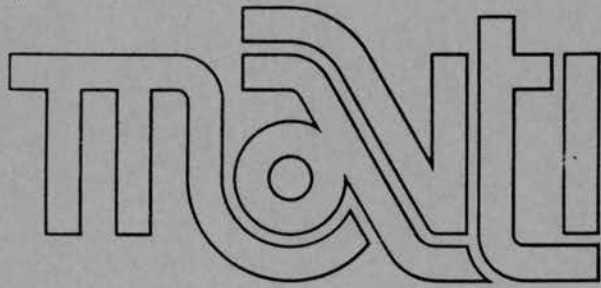
STUDENT SENATE BUDGET
1987-88

ANTICIPATED REVENUE

Student Activity Fees	\$27,500.00	
Receipts - Dances	2,000.00	
Receipts - Vending Machines	8,000.00	
<u>TOTAL ANTICIPATED REVENUE</u>		<u>\$37,500.00</u>

ANTICIPATED EXPENSES

<u>Student Services</u>		
Student Newspaper and Alumni Association	\$ 4,500.00	
Club Dues	4,300.00	
MVTS	300.00	
Convention Expenses	1,700.00	
I.D. Cards	1,000.00	
Graduation Expenses	500.00	
Convocations	1,000.00	
Vending Machines Space Rental	1,200.00	
Office Supplies	400.00	
Car Starting	400.00	
Equipment	1,000.00	
Meeting Expenses	300.00	
Support Groups	300.00	
<u>Total Student Services Expense</u>		\$16,900.00
<u>Social Activities</u>		
Sno-Daze	\$ 1,500.00	
Dances	4,500.00	
Picnics, Meals	6,500.00	
Charities	1,500.00	
<u>Total Social Activities Expense</u>		\$14,000.00
<u>Recreational Expense</u>		
Athletic Director	\$ 800.00	
Intramural Sports		
Coaches Salaries	1,200.00	
Referees	2,000.00	
Gym Rental	200.00	
Equipment	600.00	
Trophies	300.00	
<u>Total Recreational Activities Ex.</u>		\$ 5,100.00
<u>Advisor Salary</u>		
Student Senate	\$ 1,500.00	
<u>Total Advisor Expense</u>		\$ 1,500.00
<u>TOTAL ANTICIPATED EXPENSES</u>		<u>\$37,500.00</u>



MOORHEAD
AREA
VOCATIONAL
TECHNICAL
INSTITUTE

1900 28TH AVENUE SOUTH MOORHEAD, MINNESOTA 56560 TELEPHONE: 236-6277

October 8, 1987

Mr. Rich Pointer, Assistant Director
Special Projects
State Board for Vocational-Technical Education
Capitol Square Building
550 Cedar
St. Paul, MN 55101

Dear Rich:

Enclosed please find the signed reimbursement agreement
for the restructuring project for 1987-88.

Thank you.

Sincerely,

Nate Johnson
Director

NJ:bb





MINNESOTA
STATE BOARD OF VOCATIONAL
TECHNICAL EDUCATION

5th Floor, Capitol Square - 550 Cedar
St. Paul, MN 55101

VOCATIONAL EDUCATION
REIMBURSEMENT AGREEMENT

VT-01745-02

☐ APPROVED

☐ AMENDED

NOTE: DO NOT complete shaded areas on this form.

IDENTIFICATION INFORMATION

1. Name of Institute Moorhead Technical Institute		7. District Number 152	3. Cost Code 424002	4. Project Number PR-010-87
5. Institute Address 1900 28th Avenue S		5. City Moorhead	7. State MN	8. Zip Code 56560
9. Project Title Program Restructuring				
10. Project Beginning Date July 1, 1987	11. Project Ending Date June 30, 1988	12. Amount of Agreement \$ 10,000	13. Funding Source SBVTE - State	14. Funds For F.Y. 19 88
15. Institute Project Coordinator			16. Telephone (Incl. Area Code)	
FOR STATE USE ONLY	17. SBVTE Project Monitor Rich Pointer	18. Title Ass't Director	19. Telephone (Incl. Area Code) (612) 296-7486	
	20. Office/Section Assistant Director Joseph P. Graba, Director	21. Office/Section Administration	22. Telephone (Incl. Area Code) (612) 296-3995	

STATE APPROVAL SIGNATURE	Approval of this project and payment, therefor, is subject to encumbrance.	
	23. Signature - Director, State Board of Vocational Technical Education	24. Date

This agreement is subject to all provisions of the Carl D. Perkins Vocational Education Act of 1984, P.L. 98-524, and the Minnesota State Plan for Vocational Technical Education.

CONTRACT TERMS

In consideration for the Amount of Agreement above specified, the Contract Recipient(s) agrees to the following:

- to carry out the duties specified in the attached Project Abstract and Budget which is incorporated herein and made a part hereto;
- that all project records, data, plans, suggestions, and recommendations developed during the course of the project/program are the property of the State of Minnesota;
- that all materials, records, and correspondence which have been prepared, developed or instigated as a part of the project/program are the property of the State of Minnesota;
- that if the materials developed as a result of this contract are subject to copyright, the copyright shall run to the State of Minnesota;
- that assistance and cooperation will be given to the State Board of Vocational Technical Education (SBVTE) in the measurement of the impact of the project or program and the evaluation of the project or contract.
- that only actual expenditures for project will be submitted to SBVTE for reimbursement on the Project Budget/Claim Form.
- that this contract may be cancelled by the State at any time, with or without cause, upon thirty (30) days' written notice to the other party. In the event of such a cancellation, GRANTEE shall be entitled to payment, determined on a pro rata basis, for work or services satisfactorily performed. It is expressly understood and agreed that in the event the reimbursement to the State from Federal sources is not obtained and continued at an aggregate level sufficient to allow for the Grantee's program to continue operating, the obligations of each party hereunder shall thereupon be cancelled; provided that any termination of the Agreement shall be without prejudice to any obligations or liabilities for the parties already accrued prior to such termination.

AGREEMENT OF RECORDS MAINTENANCE

The contract recipient further agrees that project files, documents, materials, records, and correspondence must be kept available for a period of at least five (5) years, and that this time period may be extended at the discretion of the SBVTE, with the agreement of the Recipient Agency.

INSTITUTE AUTHORIZED SIGNATURE	25. Signature - Institute Responsible Authority <i>Walter Johnson</i>		Return all copies pending final approval. SBVTE will distribute as follows: White SBVTE Yellow Institute Pink SBVTE Issuing Section Gold SBVTE Finance
	26. Title <i>Director</i>	27. Date <i>10-7-87</i>	

----- FOR STATE ENCUMBERING USE ONLY -----

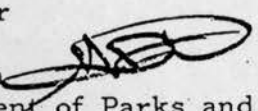
F.Y.	Account I.D.	Dept/Div	Sequence No.	Suffix	Object	Vendor No.	Type	Amount
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Cost Code 1	Cost Code 5	Type of Transaction: <input type="checkbox"/> NA 40 <input type="checkbox"/> NA 41		Date	Transaction No.	Entered By		

Attachment I

MEMORANDUM

DATE: September 29, 1987

TO: Bob Erickson
City Manager

FROM: Howie Odden 
Superintendent of Parks and Recreation

RE: CITY/SCHOOL TASK FORCE

On 9/16/87, a meeting was held between administrative representatives of the City of Moorhead and Independent School District #152.

Present at the meeting were Dr. Ben Trochlil, Superintendent of Schools, Bob Lacher, Assistant Superintendent of Schools, Bob Erickson, City Manager and Howie Odden, Superintendent of Parks and Recreation.

The following points were agreed upon for consideration of the respective governing bodies:

I. Task Force Membership

- A. Two City Council Representatives
- B. Two School Board Representatives
- C. One Park Advisory Board Representative
- D. One Concordia College Representative
- E. One Moorhead Youth Hockey Association Representative

The City Manager, Bob Erickson, Superintendent of Parks and Recreation, Howie Odden, Assistant Superintendent of Instruction, Bob Jernberg, and Assistant Superintendent of Business, Bob Lacher, will serve as staff liaison to the Task Force.

II. Mission Statement

The City/School Task Force shall develop a preferred design concept for expansion of the Sports Center/Senior High School with connector link based on the long term community recreation and education needs, capital improvement funding availability and a long term operational agreement.

III. Goals

- A. Review the historical background and perspective of the governing bodies pertinent to the programmable and financial operation mechanism of the Moorhead Sports Center.

- B. Provide objective, current and relevant information to the Moorhead City Council and Independent School District #152 Board of Education about the quality and quantity of existing and potential recreation/education program opportunities. (i.e. Swimming Pool, Title IX, handicapped accessibility, second sheet of ice, classroom and video space, locker rooms, weight room, training rooms, racquetball and storage)
- C. Consider program opportunities for improvement of the recreation/education experience for students, residents and visitors.
- D. Provide an optimum range, mix, accessibility and location for specific program locations.
- E. Identify capital improvement and capital outlay funding sources for the development of the expansion facilities.
- F. Consider the development of a Joint Building Committee and the development of a Joint Powers agreement between the City of Moorhead, Independent School District #152, Concordia College, and Moorhead Youth Hockey Association for long range operations funding.
- G. Identify potential facility users and special interest groups by conducting listening sessions to determine programs and facility long range potential that are respective of the needs and interests of the community.
- H. The Task Force will provide a preliminary report by January 30, 1988.

The Task Force reports to the City of Moorhead, City Council and the Independent School District #152 Board of Education.

HO:pll

Odden/Sept/Cty/Schol

NOTICE: The Commissioner of Revenue has extended the levy certification deadline for all school districts from October 10th to Friday, October 23rd. This was requested because of the short amount of time left for districts to consider their certification amounts, and because a large number of districts had already asked for individual extensions. The extensive changes in this year's levy computations precluded an earlier provision of the limitations to districts.

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 01 OF 16
DATE OF RUN: 10/01/87

VALUES & RATIOS:

	LAST YEAR 1986	2YP 1985	3YP 1984	4YP 1983	5YP 1982	6YP 1981
H 915 ASSESSED (TAXABLE) VALUE	129,341,840	132,094,854	121,720,206	121,437,285	123,481,595	121,085,807
H 916 SALES RATIO	93.5%	83.1%	78.2%	74.9%	73.7%	74.5%
H 917 UNLIM ADJ ASSESSED VALUE (AAV)	138,333,519	159,037,901	155,652,437	162,132,557	167,546,262	162,531,285
H 918 LIM ADJ ASSESSED VALUE (AAV)						

ABATEMENT ADJUSTMENT AND RATIOS:

	ABATED IN 1986	ADDED IN 1986	NET CHANGE
ASSESSED VALUE	977,040-	341,093	635,947-
SCHOOL TAXES	56,543.26-	19,739.73	36,803.53-

C 004 ABATEMENT RECOVERY REVENUE	36,803.53
T 001 87-88 ABATEMENT AID	8,740.90
T 002 84-85 AND 85-86 RR ABATE AID NOT DEDUCTED IN PREVIOUS YEARS	24,595.44
C 892 INITIAL ABATEMENT LEVY LIMIT ADJUST (RECOVERY REVENUE LESS AID)	3,467.19

	1986 PAY 1987 CERTIFIED LEVY + AUDITOR ADJ	CERTIFIED LEVY RATIO	INITIAL ABATEMENT AID RATIO	PRORATED ABATEMENT AID RATIO	ABATEMENT LEVY RATIO	INITIAL ABATEMENT LEVY LIMIT ADJUST	1985-86 ABATE AID ADJUSTMENT	1987 PAY 1988 ABATEMENT LEVY LIMIT ADJUST
MAINTENANCE	5,907,549.14	.73713256	.66643841	.66643841	.07069415	863.04	10,814.98	11,678.02
TRANSPORTATION	458,460.93	.05720587	.04955404	.04955404	.00765183	93.41	669.05	762.46
COMMUNITY EDUCATION	174,527.11	.02177716	N/A	N/A	.02177716	265.86	N/A	265.86
CAPITAL EXPENDITURE	906,523.85	.11311429	N/A	N/A	.11311429	1,380.91	N/A	1,380.91
GENERAL DEBT SERVICE	538,608.00	.06720646	N/A	N/A	.06720646	820.46	N/A	820.46
AVTI DEBT SERVICE			N/A	N/A			N/A	
AVTI OTHER	28,560.00	.00356366	N/A	N/A	.00356366	43.51	N/A	43.51
TOTAL	8,014,229.03	1.00000000	.71599245	.71599245	.28400755	3,467.19	11,484.03	14,951.22

WEIGHTED ADM PUPIL UNITS

H912 4YP ACT 83-84 WADM PU	5,248.23
H912 3YP ACT 84-85 WADM PU	5,214.43
H912 2YP ACT 85-86 WADM PU	5,245.82
I912 LY ACT 86-87 WADM PU	5,437.92
I913 TY EST 87-88 WADM PU	5,471.50
I922 NY EST 88-89 WADM PU	5,464.15

TOTAL PUPIL UNITS (WADM & AFDC)

HO31 4YP 83-84 TOTAL PU	5,388.10
HO31 3YP 84-85 TOTAL PU	5,354.30
HO31 2YP 85-86 TOTAL PU	5,385.69
CO31 LY 86-87 TOTAL PU	5,726.32
CO13 TY 87-88 TOTAL PU	5,941.30
CO14 NY 88-89 TOTAL PU	5,672.95

AFDC PUPIL UNITS

H 028 80-81 AFDC PU	142.00
H 028 81-82 THRU 85-86 AFDC PU (80-81 AFDC PU X .985)	139.87
I 312 ACT OCTOBER 85 AFDC COUNT	412
T 015 ACT AFDC FACTOR	.7
C 028 ACT 86-87 AFDC PU (I312 X T015)	288.40
I 312 ACT OCTOBER 86 AFDC COUNT	522
T 013 EST AFDC FACTOR	.9
C 028 EST 87-88 AFDC PU (I312 X T013)	469.80
C 312 EST OCTOBER 87 AFDC COUNT	522
T 014 EST AFDC FACTOR	.4
C 028 EST 88-89 AFDC PU (C312 X T014)	208.80

1987-88 WEIGHTED ADM PUPIL UNITS
RECOMPUTED USING 1.35
SECONDARY WEIGHTING FACTOR

I 019 EST RECOMPUTED WADM PU	5,368.00
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DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

PAGE 02 OF 16
DATE OF RUN: 10/01/87

GENERAL EDUCATION REVENUE

BASIC REVENUE:

I 922 88-89 WADM 5,464.15
C 060 BASIC REVENUE
(I922 X \$2735) 14,944,450.25

COMPENSATORY EDUCATIONAL REVENUE:

C 028 EST 88-89 AFDC PU 208.80
C 907 COMPENSATORY REVENUE
(C028 X \$2735) 571,068.00

TRAINING & EXPERIENCE REVENUE:

I 657 TRN & EXP INDEX 1.6906
C 648* TRN & EXP ALLOWANCE
(I657 - 1.6) X \$700 63.42
I 922 88-89 WADM 5,464.15
C 908 TRN & EXP REVENUE
(C648 X I922) 346,536.39

SPARSITY REVENUE:

I 071 ATTENDANCE AREA 211.43
I 072 DISTANCE TO NEAREST H.S. 2
C 073 ISOLATION INDEX
((SQ RT I071/2) + I072) 12.30
I 069 SECONDARY ADM 2,069.00
T 032 SECONDARY ADM RATIO
((400-I069)/(400+I069))
T 033 ISOLATION INDEX RATIO
(LSR OF 1 OR
(C073 - 23) / 10)
C 909 SPARSITY REVENUE
(I069 X \$2735 X T032
X T033)

GENERAL EDUCATION REVENUE:

C 060 BASIC REVENUE 14,944,450.25
C 907 COMPENSATORY REVENUE 571,068.00
C 908 TRN & EXP REVENUE 346,536.39
C 909 SPARSITY REVENUE
C 910 GENERAL EDUC REVENUE
(C060 THRU C909) 15,862,054.64

SUPPLEMENTAL REVENUE

1987-88 REVENUES:

C 328 FOUNDATION REVENUE
(PRIOR TO FUND BAL
SUBT) 13,459,969.60
I 989 DISTRICT TRA & FICA 1,706,802.24
I 991 COOP TRA & FICA
I 329 CHEM DEP AID 6,576.10
I 330 GIFTED & TALENTED 8,440.00
C 684 INTER DIST COOP REV 50,000.00
I 331 ARTS EDUC AID 5,657.31
C 768 87 SUMMER PROG REV 179,241.40
H 678 LIABILITY INS LEVY 24,000.00
I 332 PROG OF EXCELL GRANTS
C 928 TOTAL REVENUES
(C328 THRU I332) 15,440,686.65

SUPPLEMENTAL REVENUE:

I 019 87-88 WADM
(1.35 SEC WEIGHTING) 5,368.00
T 022 87-88 REV PER WADM
(C928 / I019) 2,876.43
T 026 MINIMUM ALLOW
(T022 + 40.00) 2,916.43
C 910 GENERAL EDUC REV 15,862,054.64
I 922 88-89 WADM 5,464.15
T 030 88-89 REV PER WADM 2,902.93
C 929 SUPPL ALLOWANCE
(GTR OF ZERO OR
T026 - T030) 13.50
C 911 SUPPLEMENTAL REVENUE
(C929 X I922) 73,766.03

FUND BALANCE ADJUST TO REVENUE

I 725 UNRESERVED OPR FUND
BAL 6/30/87 2,021,150.40
I 912 86-87 WADM 5,437.92
T 035 \$600 X I912 3,262,752.00
T 036 EXCESS FUND BALANCE
(GTR OF ZERO OR
I725 - T035)
I 922 88-89 WADM 5,464.15
T 037 MAX REDUCTION
(I922 X \$150) 819,622.50
T 016 REDUCTION TO REVENUE
LSR OF T036 OR T037

SUMMARY OF GENERAL & SUPPL REVENUE

C 910 GENERAL EDUC REVENUE 15,862,054.64
C 911 SUPPLEMENTAL REVENUE 73,766.03
T 016 FUND BALANCE REDUCT
T 017 TOTAL REVENUE
(C910 + C911 - T016) 15,935,820.67

INITIAL GENERAL EDUCATION LIMIT

OFF FORMULA AMOUNT:

C 910 GENERAL EDUC REVENUE 15,862,054.64
C 059 86 AAV X 35.9 MILLS 4,966,173.33
C 169 OFF FORMULA AMOUNT
(C059 LESS C910)

OFF FORMULA LEVY LIMIT:
(ONLY COMPLETED IF OFF THE FORMULA)

C 919 GENERAL EDUC AID
I 179 SHARED TIME AID
I 560 TRANSPORTATION AID
I 172 SPECIAL EDUC AID
I 173 SEC VOC AID
I 171 OTHER CATEG AIDS
I 037 AGRICULTURAL CREDIT
I 038 HOMESTEAD CREDIT
I 127 OTHER TAX AIDS
C 049 88-89 STATE AIDS
(C919 THRU I127)

C 759 LEVY EQUITY ADJUST
(C169 / 4 BUT NOT
GTR THAN C049)

C 045 EST COUNTY APPORT

C 118 OFF FORMULA LIMIT
(C910 + C759 - C045)

INITIAL GENERAL EDUCATION LIMIT:
(PRIOR TO ADJUSTMENTS)

C 118 OFF FORMULA LIMIT
C 059 86 AAV X 35.9 MILLS 4,966,173.33
C 121 INITIAL GEN ED LIMIT
(C059 BUT NOT > C118) 4,966,173.33

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 03 OF 16
DATE OF RUN: 10/01/87

FUND BALANCE LEVY ADJUSTMENT

C 910 GENERAL EDUC REVENUE	15,862,054.64
C 059 86 AAV X 35.9 MILLS	4,966,173.33
T 038 GEN EDUC LEVY RATIO (C059 / C910) NOT > 1	.31308512
C 970 FUND BAL LEVY ADJUST (TO16 X TO38)	
C 971 FUND BAL AID ADJUST (TO16 LESS C970)	

SUPPLEMENTAL LEVY LIMITATION

C 911 SUPPLEMENTAL REVENUE	73,766.03
T 038 GEN EDUC LEVY RATIO	.31308512
C 148 SUPPL LEVY LIMIT (C911 X TO38)	23,095.05
C 924 SUPPLEMENTAL AID (C911 - C148)	50,670.98

MILL RATE ADJUSTMENT

1987-88 SCHOOL YEAR LEVY AUTHORITY:

C 183 BASIC FOUND LEVY	3,610,160.35
T 045 COST DIF TIER LEVY	344,672.18
T 046 SECOND TIER LEVY	293,354.67
T 047 THIRD TIER LEVY	260,759.70
T 048 FOURTH TIER LEVY	649,643.69
T 049 FIFTH TIER LEVY	
T 050 DECLINING PU LEVY	
C 862 87 SUMMER PROG LEVY	66,883.48
T 051 INTERDIST COOP LEVY	50,000.00
H 678 LIABILITY INS LEVY	24,000.00
C 983 TOTAL (C183 THRU C678)	5,299,474.07
H 882 1985 AAV	159,037,901
T 053 FY1988 MILLS (C983 / H882 X 1000)	33.322

1988-89 SCHOOL YEAR LEVIES:

C 121 INITIAL GEN ED LEVY	4,966,173.33
C 970 FUND BAL LEVY ADJUST	
C 148 SUPPL LEVY LIMIT	23,095.05
T 039 TOTAL (C121+C970+C148)	4,989,268.38
H 882 1986 AAV	138,333,519
T 040 FY1989 MILLS (TO39 / H882 X 1000)	36.067

MILL RATE ADJUSTMENT:

T 041 EXCESS MILL INCREASE (GTR OF ZERO OR TO53 - TO40 - 2)	.745
H 882 1986 AAV	138,333,519
C 985 MILL RATE ADJUSTMENT (H882 X TO41 / 1000)/2	51,529.24

GENERAL EDUCATION LEVY LIMITATION

C 121 INITIAL GEN ED LIMIT	4,966,173.33
C 970 FUND BAL LEVY ADJUST	
C 985 MILL RATE ADJUSTMENT	51,529.24
C 110 ATTACHED MACHINERY	
C 183 GEN EDUC LEVY LIMIT (C121 - C970 - C985 - C110)	4,914,644.09

GENERAL AND SUPPLEMENTAL AID

C 910 GENERAL EDUC REVENUE	15,862,054.64
C 059 86 AAV X 35.9 MILLS	4,966,173.33
T 052 INITIAL GEN EDUC AID (C910 - C059)	10,895,881.31
C 924 SUPPLEMENTAL AID	50,670.98
C 985 MILL RATE ADJUST	51,529.24
C 970 FUND BAL AID ADJUST	
C 919 GENERAL & SUPPL AID (TO52 + C924 + C985 - C 970)	10,998,081.53

SPECIAL EDUCATION

I 022 SPECIAL EDUCATION	126,600.00
I 023 1988 SP ED SUMMER	5,560.00
I 024 VOC HANDICAPPED	5,390.00
I 025 LIM ENGLISH PROF	15,260.00
C 026 SPECIAL EDUC LIMIT (I022 + I023 + I024 + I025)	152,810.00

OPERATING DEBT

H 794 LY REMAINING OPER DEBT LEVY AUTHORITY	
H 748 LY OPER DEBT LIMIT	
C 794 TY REMAINING OPER DEBT LEVY AUTHORITY (H794 - H748)	
T 043 86 AAV X MILLS	
C 748 OPERATING DEBT LIMIT (LSR OF C794 OR TO43)	

STATUTORY OPERATING DEBT

H 940 REVISED CERT SOD	
H 058 LY NET SOD TO RETIRE	
H 119 LY SOD LEVY LIMIT	
I 697 LY TRANSFER TO SOD	
C 058 TY NET SOD TO RETIRE (H058 - H119 - I697)	
C 941 86 AAV X 1.5 MILLS	
I 056 SOD LEVY ADJUST	
C 119 TY SOD LEVY LIMIT (LESSER OF C058 OR C941) PLUS I056	

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 04 OF 16
DATE OF RUN: 10/01/87

EXCEPTIONAL NEED			FY 88 FOUNDATION TIER LEVY ADJUSTMENTS		FY 88 MAXIMUM TOTAL TIER ALLOWANCES:	
I 032	86-87 ADM SERVED	4,814.19	FY 88 FOUNDATION PROGRAM TIER ALLOWANCES (MAXIMUM AUTHORITY)		C 649	MAX COST DIFF TIER ALLOW 176.24
I 021	86-87 FTE LICENSED STAFF	327.58				MAX SECOND TIER ALLOW 150.00
T 054	ADM SERVED/STAFF RATIO (I032 / I021)	14.70	FY 88 COST DIFFERENTIAL TIER:		C 682	MAX THIRD TIER ALLOW 100.00
H 159	PAY 87 REFERENDUM LVY	393,074.00			C 626	MAX FOURTH TIER ALLOW 166.09
T 055	PAY 87 REFER MILL RATE (H159*1000/86 AAV)	2.84	H 063	FY 81 SPARSITY AID	T 056	FIFTH TIER ALLOWANCE
H 806	PAY 87 TOTAL LEVY	8,321,522.03	H 912	80-81 WADM		MAX TOTAL TIER ALLOW (SUM OF ALLOWANCES) 592.33
T 058	PAY 87 TOTAL MILL RATE (H806*1000/ 86 AAV)	60.16	T 057	SPARSITY AID PER PU (H063 / H912)	FY 88 PERMITTED TIER REVENUE (FOUR YEAR PHASE-IN)	
I 912	86-87 WADM PU	5,437.92	C 647	SPARSITY ALLOWANCE (T057 X 2 X 1720 / 1265)	IN FY 88, THE FOUNDATION TIER SYSTEM IS FULLY PHASED IN. THUS, THE PERMITTED TIER ALLOWANCES ARE EQUAL TO THE MAXIMUM TIER ALLOWANCES.	
T 059	AAV PER WADM (86 AAV / 86-87 WADM)	25,438.68	I 657	TRN & EXP INDEX		
I 725	UNAPPROP OPER FUND BAL 6/30/87	2,021,150.40	C 648	TRN & EXP ALLOWANCE (I657 - 1.25) X \$400		
T 061	FUND BAL PER WADM (I725 / 86-87 WADM)	371.68	C 649	MAX COST DIFF TIER ALLOW (C647 + C648)		
I 922	88-89 WADM	5,464.15	FY 88 FOURTH TIER:		FY 88 PERMITTED TIER ALLOWANCES:	
C 674	EXCEPTIONAL NEED REVENUE (\$75 X 88-89 WADM IF: T054 GTR THAN 17 AND T055 GTR THAN 6 AND T058 GTR THAN 50 AND T059 LESS THAN \$38500 AND T061 LESS THAN \$100)		I 657	TRN & EXP INDEX	C 622	COST DIFF TIER 176.24
T 063	86 AAV PER 88-89 WADM	25,316.57	T 062	TRN & EXP ALLOWANCE (I657 - 1.25) X \$150	C 623	SECOND TIER 150.00
T 064	EST EQUALIZING RATIO (LSR 1 OR T063/\$76184)	.33230823	C 682	MAX FOURTH TIER ALLOW (\$100.00 + T062)	C 624	THIRD TIER 100.00
C 612	EXCEPTIONAL NEED LIMIT (REVENUE X EQ RATIO)		MAXIMUM ALLOWANCE THRU FIRST FOUR TIERS:		C 625	FOURTH TIER 166.09
T 066	EST EXCEPT NEED AID (REVENUE LESS LIMIT)		C 649	MAX COST DIFF TIER ALLOW	C 626	FIFTH TIER
				MAX SECOND TIER ALLOW	C 621	TOTAL PERMITTED TIER ALLOWANCES 592.33
				MAX THIRD TIER ALLOW	FY 88 COST DIFFERENTIAL TIER ADJUSTMENT	
			C 682	MAX FOURTH TIER ALLOW	C 622	PERMITTED ALLOWANCE 176.24
			T 065	MAX ALLOWANCE THRU FIRST FOUR TIERS	I 913	87-88 WADM 5,471.50
			FY 88 FIFTH TIER ALLOWANCE:		C 627	COST DIFF REVENUE (C622 X I913) 964,297.16
			C 031	84-85 TOTAL PU	T 069	85 AAV PER TOTAL PU 26,768.20
			T 067	MINIMUM INCREASE (C031 X 50.00)	C 061	EST EQUALIZING RATIO LSR 1 OR (T069/\$74,890) .35743357
			H 912	84-85 WADM	T 045	COST DIFF AUTHORITY (C627 X C061) 344,672.18
			T 068	MIN INCREASE PER WADM (T067 / H912)	H 628	86 PAY 87 LIMIT 389,866.78
			C 760	PREV FORMULA REVENUE	H 629	86 PAY 87 LEVY 389,866.78
			H 912	84-85 WADM	C 114	FY 88 COST DIFF ADJ (T045 LESS H629) 45,194.60-
			T 070	PREV FORMULA AMOUNT (C760 / H912)		
			T 065	MAX ALLOW THRU FIRST FOUR TIERS		
			C 626	FIFTH TIER ALLOWANCE (GTR OF ZERO OR T068 + T070 - T065)		

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 05 OF 16
DATE OF RUN: 10/01/87

FY 88 SECOND TIER ADJUSTMENT:

C 623 PERMITTED ALLOWANCE	150.00
I 913 87-88 WADM	5,471.50
T 072 SECOND TIER AMOUNT (ALLOW X I913)	820,725.00
I 725 UNAPPROP OPERATING FUND BALANCE 6/30/86	2,381,005.66
C 031 86-87 TOTAL PU	5,726.32
T 073 \$500 X C031	2,863,160.00
T 075 EXCESS FUND BALANCE (GTR OF ZERO OR I725 - T073)	

C 631 SECOND TIER REVENUE (T072 - T075)	820,725.00
T 046 SECOND TIER AUTHORITY (REVENUE X EQ RATIO)	293,354.67
H 632 86 PAY 87 LIMIT	302,128.63
H 633 86 PAY 87 LEVY	302,128.63
C 126 FY 88 SECOND TIER ADJ (T046 LESS H633)	8,773.96-

FY 88 THIRD TIER ADJUSTMENT:

C 624 PERMITTED ALLOWANCE	100.00
I 913 87-88 WADM	5,471.50
C 635 THIRD TIER REVENUE (ALLOW X I913)	547,150.00
T 079 EST 75% EQ RATIO LSR 1 OR (T069/\$56167.50)	.47657809
T 047 THIRD TIER AUTHORITY (REVENUE X 75% RATIO)	260,759.70
H 636 86 PAY 87 LIMIT	268,558.78
H 637 86 PAY 87 LEVY	268,558.78
C 139 FY 88 THIRD TIER ADJ (T047 LESS H637)	7,799.08-

FY 88 FOURTH TIER ADJUSTMENT:

C 625 PERMITTED ALLOWANCE	166.09
I 913 87-88 WADM	5,471.50
C 639 FOURTH TIER REVENUE (ALLOW X I913)	908,761.44
T 083 EST 50% EQ RATIO LSR 1 OR (T069/\$37,445)	.71486714
T 048 FOURTH TIER AUTHORITY (REVENUE X 50% RATIO)	649,643.69
H 640 86 PAY 87 LIMIT	695,258.39
H 641 86 PAY 87 LEVY	695,258.39
C 145 FY 88 FOURTH TIER ADJ (T048 LESS H641)	45,614.70-

FY 88 FIFTH TIER ADJUSTMENT:

C 626 PERMITTED ALLOWANCE	
I 913 87-88 WADM	5,471.50
C 643 FIFTH TIER REVENUE (ALLOW X I913)	
T 049 FIFTH TIER AUTHORITY (REVENUE X 50% RATIO)	
H 644 86 PAY 87 LIMIT	
H 645 86 PAY 87 LEVY	
C 160 FY 88 FIFTH TIER ADJ	

FY 88 DECLINING PU ADJUSTMENT:

C 031 86-87 TOTAL PU	5,726.32
C 013 87-88 TOTAL PU	5,941.30
T 076 TOTAL PU DECLINE (GTR OF ZERO OR C031 MINUS C013)	
I 657 TRN & EXP INDEX	1.6906
C 080 DECLINING PU REVENUE (T076 / 30) X \$18943 X I657	

T 050 DECLINING PU AUTHORITY (C080 X 75% RATIO)	
H 092 86 PAY 87 LIMIT	
H 093 86 PAY 87 LEVY	
C 053 FY 88 DECLINING PU ADJUSTMENT	

FY 87 BASIC MAINTENANCE ADJUSTMENT

C 031 86-87 TOTAL PU	5,726.32
C 813 \$1690 X C031	9,677,480.80
H 059 84 AAV X 23.2 MILLS	3,611,136.54
C 003 LY CO APPORT ADJUST	
C 786 (C813 + C003)	
H 109 77 BASIC MAINT LEVY	
C 787 OFF FORMULA MAX (GTR C786 OR H109)	
H 059 84 AAV X 23.2 MILLS	3,611,136.54
C 785 INITIAL BASIC MAINT (H059 BUT NOT > C787)	3,611,136.54
H 110 ATTACHED MACHINERY	
C 939 86-87 MINIMUM AID	
C 819 BASIC MAINT AUTHORITY C785 - (H110 + C939)	3,611,136.54
H 183 85 PAY 86 LIMIT	3,611,136.54
H 168 85 PAY 86 LEVY	3,611,136.54
C 199 FY 87 BASIC MAINT ADJ	

FY 87 FOUNDATION TIER LEVY ADJUSTMENTS

FY 87 FOUNDATION PROGRAM TIER ALLOWANCES
(MAXIMUM AUTHORITY)

FY 87 COST DIFFERENTIAL TIER:

H 063 FY81 SPARSITY AID	
H 912 80-81 WADM	5,884.10
T 057 SPARSITY AID PER PU (H063 / H912)	
C 647 SPARSITY ALLOWANCE (T057 X 2 X 1690/1265)	
H 657 TRN & EXP INDEX	1.7339
C 648 TRN & EXP ALLOWANCE (H657 - 1.25) X \$400	193.56
C 649 MAX COST DIFF TIER ALLOW (C647 + C648)	193.56

FY 87 FOURTH TIER:

H 657 TRN & EXP INDEX	1.7339
T 082 TRN & EXP ALLOWANCE (H657-1.25) X \$150	72.59
C 682 MAX FOURTH TIER ALLOW (\$100 + T082)	172.59

MAXIMUM ALLOWANCE THRU FIRST FOUR TIERS:

C 649 MAX COST DIFF TIER ALLOW	193.56
MAX SECOND TIER ALLOW	150.00
MAX THIRD TIER ALLOW	100.00
C 682 MAX FOURTH TIER ALLOW	172.59
T 085 MAX ALLOWANCE THRU FIRST FOUR TIERS	616.15

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 06 OF 16
DATE OF RUN: 10/01/87

FY 87 FIFTH TIER ALLOWANCE:		FY 87 COST DIFFERENTIAL TIER ADJUST:		FY 87 THIRD TIER ADJUSTMENT:	
C 031 84-85 TOTAL PU	5,354.30	C 622 PERMITTED ALLOWANCE	193.56	C 624 PERMITTED ALLOWANCE	100.00
T 086 MINIMUM INCREASE (C031 X 50.00)	267,715.00	I 912 86-87 WADM	5,437.92	I 912 86-87 WADM	5,437.92
H 912 84-85 WADM	5,214.43	C 627 COST DIFF REVENUE (ALLOW X I912)	1,052,563.80	C 635 THIRD TIER REVENUE (ALLOW X I912)	543,792.00
T 087 MIN INCREASE PER WADM (T086 / H912)	51.34	T 088 84 AAV PER TOTAL PU	27,181.93	T 089 75% EQUALIZING RATIO LSR 1 OR(T088/54633.75)	.49753001
C 760 PREV FORMULA REVENUE		C 061 EQUALIZING RATIO LSR 1 OR (T088/\$72,845)	.37314750	T 090 THIRD TIER AUTHORITY REVENUE X 75% RATIO)	270,552.84
H 912 84-85 WADM	5,214.43	T 091 COST DIFF AUTHORITY (REVENUE X RATIO)	392,761.55	H 636 85 PAY 86 LIMIT	274,538.90
T 070 PREV FORMULA AMOUNT (C760 / H912)	379.18	H 628 85 PAY 86 LIMIT	398,548.12	H 637 85 PAY 86 LEVY	274,538.90
T 085 MAX ALLOW THRU FIRST FOUR TIERS	616.15	H 629 85 PAY 86 LEVY	398,548.12	T 093 TOTAL ADJUSTMENT (T090 LESS H637)	3,986.06-
C 626 FIFTH TIER ALLOWANCE (GTR OF ZERO OR T087 + T070 - T085)		T 095 TOTAL ADJUSTMENT (T091 LESS H629)	5,786.57-	H 139 86 PAY 87 ADJ LIMIT	4,479.92-
		H 114 86 PAY 87 ADJ LIMIT	6,503.50-	H 141 86 PAY 87 ADJ LEVY	4,479.92-
		H 115 86 PAY 87 ADJ LEVY	6,503.50-	C 142 FY 87 THIRD TIER ADJ (T093 LESS H139)	493.86
		C 123 FY 87 COST DIFF ADJ (T095 LESS H114)	716.93		
FY 87 MAXIMUM TOTAL TIER ALLOWANCE:		FY 87 SECOND TIER ADJUSTMENT:		FY 87 FOURTH TIER ADJUSTMENT:	
C 649 MAX COST DIFF TIER ALLOW	193.56	C 623 PERMITTED ALLOWANCE	150.00	C 625 PERMITTED ALLOWANCE	113.35
MAX SECOND TIER ALLOW	150.00	I 912 86-87 WADM	5,437.92	I 912 86-87 WADM	5,437.92
MAX THIRD TIER ALLOW	100.00	T 098 SECOND TIER AMOUNT (ALLOW X I912)	815,688.00	C 639 FOURTH TIER REVENUE (ALLOW X I912)	616,388.23
C 682 MAX FOURTH TIER ALLOW	172.59	I 725 UNAPPROP OPERATING FUND BALANCE 6/30/85	3,213,367.43	T 099 50% EQUALIZING RATIO LSR 1 OR(T088/\$36422.50)	.74629501
C 626 FIFTH TIER ALLOW		H 031 85-86 TOTAL PU	5,385.69	T 101 FOURTH TIER AUTHORITY (REVENUE X 50% RATIO)	460,007.46
T 100 MAX TOTAL TIER ALLOW (SUM OF ALLOWANCES)	616.15	T 102 \$500 X H031	2,692,845.00	H 640 85 PAY 86 LIMIT	466,784.76
		T 105 EXCESS FUND BALANCE (GTR OF ZERO OR I725 - T102)	520,522.43	H 641 85 PAY 86 LEVY	466,784.76
FY 87 PERMITTED TIER REVENUE (FOUR YEAR PHASE-IN)		C 631 SECOND TIER REVENUE (T098 - T105)	295,165.57	T 104 TOTAL ADJUSTMENT (T101 LESS H641)	6,777.30-
T 100 MAX TOTAL TIER ALLOW	616.15	T 109 SECOND TIER AUTHORITY (REVENUE X EQ RATIO)	110,140.29	H 145 86 PAY 87 ADJ LIMIT	7,616.97-
T 070 PREV FORMULA AMOUNT	379.18	H 632 85 PAY 86 LIMIT	117,499.99	H 149 86 PAY 87 ADJ LEVY	7,616.97-
T 106 INCREASED REVENUE PER WADM (T100 - T070)	236.97	H 633 85 PAY 86 LEVY	117,499.99	C 156 FY 87 FOURTH TIER ADJ (T104 LESS H145)	839.67
T 108 PHASE-IN AMOUNT (T106 X .75)	177.73	T 111 TOTAL ADJUSTMENT (T109 LESS H633)	7,359.70-		
T 087 MIN INCREASE PER WADM	51.34	H 126 86 PAY 87 ADJ LIMIT	14,325.88-	FY 87 FIFTH TIER ADJUSTMENT:	
C 621 PERMITTED TIER REVENUE PER WADM T070 + (GTR OF T108 OR T087)	556.91	H 136 86 PAY 87 ADJ LEVY	14,325.88-	C 626 PERMITTED ALLOWANCE	
		C 137 FY 87 SECOND TIER ADJ (T111 LESS H126)	6,966.18	I 912 86-87 WADM	5,437.92
FY 87 PERMITTED TIER ALLOWANCES:				C 643 FIFTH TIER REVENUE (ALLOW X I912)	
C 622 COST DIFF TIER	193.56			T 112 FIFTH TIER AUTHORITY (REVENUE X 50% RATIO)	
C 623 SECOND TIER	150.00			H 644 85 PAY 86 LIMIT	
C 624 THIRD TIER	100.00			H 645 85 PAY 86 LEVY	
C 625 FOURTH TIER	113.35			T 115 TOTAL ADJUSTMENT	
C 626 FIFTH TIER				H 160 86 PAY 87 ADJ LIMIT	
C 621 TOTAL PERMITTED TIER ALLOWANCES	556.91			H 162 86 PAY 87 ADJ LEVY	
				C 163 FY 87 FIFTH TIER ADJ	

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 07 OF 16
DATE OF RUN: 10/01/87

FY 87 DECLINING PU ADJUSTMENT:

H 031 85-86 TOTAL PU 5,385.69
C 031 86-87 TOTAL PU 5,726.32
T 117 TOTAL PU DECLINE
H 657 TRN & EXP INDEX 1.7339
C 080 DECLINING PU REVENUE
(T117 / 30) X \$16693
X H657
T 121 DECLINING PU AUTHORITY
(C080 X 75% RATIO)
H 092 85 PAY 86 LIMIT
H 093 85 PAY 86 LEVY
T 124 TOTAL ADJUSTMENT

H 053 86 PAY 87 ADJ LIMIT
H 057 86 PAY 87 ADJ LEVY
C 051 FY 87 DECLINING PU ADJ

1987 SUMMER PROGRAM ADJUSTMENT

I 766 87 SUMMER PROGRAM PU 106.06
C 768 SUMMER PROGRAM REVENUE
(\$1690 X I766) 179,241.40
H 882 84 AAV 155,652.437
C 031 86-87 TOTAL PU 5,726.32
T 129 AAV / TOTAL PU
(H882 / C031) 27,181.93
T 132 SMR PROG EQ RATIO
(LSR 1 OR T129/\$72,845) .37314750
C 862 SMR PROG LVY AUTH
(C768 X T132) 66,883.48
H 769 86 PAY 87 SMR LIMIT 75,017.10
H 771 86 PAY 87 SMR LEVY 75,017.10
C 863 87 SMR PROG ADJUST
(C862 LESS H771) 8,133.62-

1986 SUMMER PROGRAM ADJUSTMENT

I 766 86 SUMMER PROGRAM PU 116.22
C 768 SUMMER PROGRAM REVENUE
(\$1585 X I766) 184,208.70
H 882 83 AAV 162,132.557
H 031 85-86 TOTAL PU 5,385.69
T 136 AAV / TOTAL PU
(H882 / H031) 30,104.32
T 137 SMR PROG EQ RATIO
(LSR 1 OR T136/\$40,468) .74390432
C 862 SMR PROG LEVY AUTH
(C768 X T137) 137,033.65
H 769 85 PAY 86 SMR LIMIT 86,205.18
H 771 85 PAY 86 SMR LEVY 86,205.18
T 141 TOTAL ADJUSTMENT
(C862 LESS H769) 50,828.47
H 863 86 PAY 87 ADJUST LIMIT 50,792.37
H 888 86 PAY 87 ADJUST LEVY 50,792.37
C 680 86 SMR PROG ADJUST
(T141 LESS H863) 36.10

FY 86 SPECIAL EDUCATION ADJUSTMENT

FINAL FY 86 LEVY AUTHORITY:
I 022 SPECIAL EDUCATION 98,865.25
I 024 VOC HANDICAPPED 4,861.73
I 025 LIM ENGLISH PROF 225.03
T 120 SPEC EDUC AUTHORITY
(IO22+IO24+IO25) 103,952.01
FY 86 LEVY ADJUSTMENT:
H 026 85 PAY 86 LIMIT 47,110.00
H 027 85 PAY 86 LEVY 47,110.00
C 029 FY 86 SPEC ED ADJ
(T120 LESS H026) 56,842.01

FY 87 INTERDIST COOP ADJUSTMENT

I 912 86-87 WADM 5,437.92
T 125 \$50 X I912 271,896.00
H 683 APPROVED COST 115,800.00
C 684 INTERDIST COOP REV
(LEAST OF T125 OR
H683 OR \$50,000) 50,000.00
T 127 84 AAV X 1 MILL 155,652.44
T 128 FY 87 LEVY AUTHORITY
(LSR C684 OR T127) 50,000.00
H 685 85 PAY 86 LIMIT 50,000.00
H 686 85 PAY 86 LEVY 50,000.00
T 131 TOTAL ADJUSTMENT

H 656 86 PAY 87 ADJ LIMIT
H 681 86 PAY 87 ADJ LEVY
C 096 FY 87 INTERDIST COOP
ADJUSTMENT

FY 87 LIABILITY INSURANCE ADJUSTMENT

H 677 85 PAY 86 LIMIT 8,000.00
H 678 85 PAY 86 LEVY 8,000.00
I 079 FY 87 ACTUAL COST 35,821.00
C 094 FY 87 LIABILITY
INSURANCE ADJUST
(IO79 LESS H677) 27,821.00

FY 86 LIABILITY INSURANCE ADJUSTMENT

H 677 84 PAY 85 LIMIT 18,000.00
H 678 84 PAY 85 LEVY 18,000.00
I 079 FY 86 ACTUAL COST 19,268.00
T 139 TOTAL ADJUSTMENT
(IO79 LESS H677) 1,268.00
H 094 86 PAY 87 ADJ LIMIT 1,268.00
H 095 86 PAY 87 ADJ LEVY 1,268.00
C 075 FY 86 LIABILITY INS
ADJUSTMENT

MAINTENANCE INITIAL LEVY LIMITATION

C 183 GENERAL EDUCATION 4,914,644.09
C 148 SUPPLEMENTAL 23,095.05
I 112 REGULAR REFERENDUM 691,667.60
C 897 TACONITE REFERENDUM
I 122 UNEMP INSURANCE
C 026 SPECIAL EDUCATION 152,810.00
C 748 OPERATING DEBT
C 119 STATUTORY OPER DEBT
C 612 EXCEPTIONAL NEED
I 165 PROGRAM IMPROVEMENT
I 113 JUDGMENT
I 176 CONSOLIDATION
C 611 DESEGREGATION
I 107 HEALTH INS (MPLS)
I 116 RETIREMENT (MPLS)
I 117 SEVERANCE (ST. PAUL)
I 178 ST AUDIT PETITION
C 101 TOTAL MAINT INITIAL
LEVY LIMITATION
(C183 THRU I178) 5,782,216.74

MAINTENANCE LIMITATION ADJUSTMENTS

C 114 FY 88 COST DIFF TIER 45,194.60-
C 126 FY 88 SECOND TIER 8,773.96-
C 139 FY 88 THIRD TIER 7,799.08-
C 145 FY 88 FOURTH TIER 45,614.70-
C 160 FY 88 FIFTH TIER
C 053 FY 88 DECLINING PU
C 199 FY 87 BASIC MAINT
C 123 FY 87 COST DIFF TIER 716.93
C 137 FY 87 SECOND TIER 6,966.18
C 142 FY 87 THIRD TIER 493.86
C 156 FY 87 FOURTH TIER 839.67
C 163 FY 87 FIFTH TIER
C 051 FY 87 DECLINING PU
C 863 1987 SUMMER PROGRAM 8,133.62-
C 680 1986 SUMMER PROGRAM 36.10
C 029 FY 86 SPECIAL EDUC 56,842.01
I 656 FY 88 INTERDIST COOP
C 096 FY 87 INTERDIST COOP
C 094 FY 87 LIABILITY INS 27,821.00
C 075 FY 86 LIABILITY INS
I 180 PU VARIANCE (MEMO)
I 140 DEBT SURPLUS TRANSFER
I 128 OTHER ADJUST (MEMO)
C 102 TOTAL MAINTENANCE
LIMITATION ADJUST
(C114 THRU I128) 21,800.21-

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 08 OF 16
DATE OF RUN: 10/01/87

TRANSPORTATION		TRANSPORTATION ADJUSTMENTS		HAZARDOUS ADJUST:	
BASIC TRANSPORTATION:		OFF-FORMULA ADJUST:		FOR FY87 COSTS:	
C 224 BASIC TRANS LIMIT		I 536 TRANS OFF-FORMULA		H 214 85 PAY 86 HAZ LIMIT	56,000.00
(2.34 MILLS X 86 AAV)	323,700.43	ADJUST (MEMO)		H 221 85 PAY 86 HAZ LEVY	20,000.00
NONREGULAR TRANS:		FY88 CONTRACT ADJUST:		I 220 FY87 ACT HAZ COST	16,780.00
I 545 FY89 EST NONREG COST	293,140.00	H 549 FY87 CONT ALLOW/FTE	10.00	C 218 FY87 HAZ ADJUST	
C 014 FY89 EST TOTAL PU	5,672.95	C 557 FY87 REGULAR FTE	3,820.00	(I220 LESS H221)	3,220.00-
T 145 \$30 X FY89 EST TOT PU	170,188.50	T 146 FY88 CONT LEVY AUTH		FOR FY86 COSTS:	
C 546 FY89 EST NR BAS AID		(H549 X C557)	38,200.00	H 214 84 PAY 85 HAZ LIMIT	15,300.00
(.6 X (I545 - T145))	73,770.90	H 295 86 PAY 87 CONT LIMIT	34,110.00	H 221 84 PAY 85 HAZ LEVY	15,300.00
C 547 EST COST LESS BAS AID		H 887 86 PAY 87 CONT LEVY	34,110.00	I 220 FY86 ACT HAZ COST	14,772.00
(I545 LESS C546)	219,369.10	C 537 FY88 CONTRACT ADJUST		T 148 FY 86 TOT HAZ ADJUST	
T 149 86 AAV PER TOTAL PU	24,384.76	(T146 LESS H295)	4,090.00	(I220 LESS H221)	528.00-
T 151 EQUALIZING RATIO		FY 87 CONTRACT ADJUST:		H 218 86 PAY 87 HAZ ADJ LIM	528.00-
LSR 1 OR (T149/\$83800)	.29098759	H 549 FY 86 CONT ALLOW/FTE	11.00	H 210 86 PAY 87 HAZ	
C 532 NONREG TRANS LIMIT		I 557 FY 86 REGULAR FTE	3,885.66	ADJUST LEVY	528.00-
(C547 X T151)	63,833.69	T 153 FY 87 CONT LEVY AUTH		C 225 FY86 HAZ ADJUST	
C 548 FY89 EST NR EQ AID		(H549 X I557)	42,742.26	SECONDARY 1-2 MILE ADJUST:	
(C547 LESS C532)	155,535.41	H 295 85 PAY 86 CONT LIMIT	38,720.00	FOR FY87 COSTS:	
CONTRACT TRANS:		H 887 85 PAY 86 CONT LEVY	38,720.00	H 297 85 PAY 86 SEC LIMIT	15,000.00
I 549 FY88 CONTRACT TRANS		T 155 TOTAL ADJUSTMENT		H 886 85 PAY 86 SEC LEVY	15,000.00
ALLOWANCE PER FTE	14.00	(T153 LESS H295)	4,022.26	I 558 FY87 ACT SEC COST	14,900.00
I 557 FY88 EST REGULAR FTE	3,640.00	H 537 86 PAY 87 ADJ LIMIT		C 541 FY87 SEC ADJUST	
C 295 CONTRACT TRANS LIMIT		H 538 86 PAY 87 ADJ LEVY		(I558 LESS H886)	100.00-
(I549 X I557)	50,960.00	C 204 FY 87 CONTRACT ADJUST		FOR FY86 COSTS:	
EXCESS TRANS:		(T155 LESS H537)	4,022.26	H 297 84 PAY 85 SEC LIMIT	20,000.00
I 568 FY89 EST REGULAR COST	791,660.00	FY87 NONREGULAR ADJUST:		H 886 84 PAY 85 SEC LEVY	20,000.00
I 565 FY89 EST HAZ CST RIDER	33,200.00	I 545 FY87 NONREG COST	175,740.47	I 558 FY86 ACT SEC COST	13,203.00
I 566 FY89 EST HAZ CST WLKER		C 031 FY87 TOTAL PU	5,726.32	T 158 FY86 TOT SEC ADJ	
I 558 FY89 EST SEC COST	37,400.00	C 546 FY87 NR BASIC AID	71,086.36	(I558 LESS H886)	6,797.00-
I 567 FY89 EST BUS DEPR	43,937.50	C 547 FY87 NR COST LESS		H 541 86 PAY 87 SEC	
I 557 FY89 EST REGULAR FTE	3,675.00	BASIC AID	104,654.11	ADJUST LIMIT	6,797.00-
I 561 FY89 EST HAZ FTE	335.00	C 061 FY87 100 PCT EQ RTO	.37314750	H 542 86 PAY 87 SEC	
I 562 FY89 EST SEC FTE	375.00	T 159 FY87 NR LEVY AUTH	39,051.42	ADJUST LEVY	6,797.00-
T 161 FY89 EST BASE COST		H 532 85 PAY 86 NR LIMIT	36,096.94	C 257 FY86 SEC ADJUST	
(I568+I565+I558+I567)/		H 533 85 PAY 86 NR LEVY	36,096.94	C 223 OTHER ADJUST (MEMO)	
(I557+I561+I562)	206.65	C 184 FY87 NONREG ADJUST		C 202 TOTAL TRANS ADJUST	
T 163 FY89 EST HAZ + SEC FTE		(T159 LESS H532)	2,954.48	(I536 + C537 + C204 +	
(I561 + I562)	710.00	FY86 NONREGULAR ADJUST:		C184 + C930 + C218 +	
C 214 EXCESS TRANS LIMIT		I 545 FY86 NONREG COST	131,619.28	C225 + C541 + C257 +	
(T161 X T163) + I566	146,721.50	C 546 FY86 NR BASIC AID	46,657.43	C223)	7,752.93
OTHER TRANS:		C 547 FY86 NR COST LESS			
I 215 BUS PURCHASE LIMIT	275,000.00	BASIC AID	84,961.85		
I 217 LEASED SCHOOL IN		C 061 FY86 100 PCT EQ RTO	.44634039		
OTHER DISTRICT		T 164 FY86 NR LEVY AUTH	37,921.91		
C 201 TOTAL INITIAL TRANS		H 532 84 PAY 85 NR LIMIT	33,792.41		
LIMIT (C224+C532+C295+		H 533 84 PAY 85 NR LEVY	33,792.41		
C214+I215+I217)	860,215.62	T 166 FY 86 TOTAL ADJUST			
		(T164 LESS H532)	4,129.50		
		H 184 86 PAY 87 ADJ LIMIT	4,123.31		
		H 186 86 PAY 87 ADJ LEVY	4,123.31		
		C 930 FY 86 NONREG ADJUST			
		(T166 LESS H184)	6.19		

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 09 OF 16
DATE OF RUN: 10/01/87

CAPITAL EXPENDITURE

BASIC CEX:
I 922 88-89 WADM PU 5,464.15
C 325 BASIC CEX REVENUE (\$153 X I922 PU) 836,014.95
T 168 86 AAV X 3 MILLS 415,000.56
C 308 BASIC CEX LEVY LIMIT (LSR C325 OR T168) 415,000.56
C 337 EST BASIC CEX AID (REVENUE LESS LIMIT) 421,014.39

HAZARDOUS SUBSTANCE CEX:
I 384 HAZ SUBST CEX REVENUE (SEE MEMO) 2,039,406.25
T 169 86 AAV PER WADM PU 25,316.57
T 170 EQUALIZING RATIO (LESSER OF 1 OR T169 / \$38092) .66461645
C 390 INITIAL HAZARDOUS CEX LEVY LIMIT (I384 X T170) 1,355,422.94
T 171 INITIAL HAZARDOUS CEX AID (I384 - C390) 683,983.31
T 172 PRORATION FACTOR .05000000
C 386 PRORATED HAZ CEX AID (T171 X T172) 34,199.17
T 173 REAL ESTATE PROCEEDS
C 385 HAZARDOUS CEX LIMIT (I384 - C386 - T173) 2,005,207.08

OTHER CAPITAL EXPENDITURE
I 392 ENERGY LOAN LIMIT
I 318 PROGRAM IMPROVEMENT LIMIT
C 301 TOTAL INITIAL CEX LEVY LIMITATION (C308 + C385 + I392 + I318) 2,420,207.64
C 340 NY EST TOTAL CEX AID (C337 + C386) 455,213.56

CAPITAL EXPENDITURE ADJUSTMENT

BASIC CEX AND HAZARDOUS CEX:
THERE ARE NO ADJUSTMENTS THIS YEAR FOR THE 1986 PAYABLE 1987 BASIC OR HAZARDOUS SUBSTANCE CAPITAL EXPENDITURE LEVIES. THESE LEVIES WILL BE ADJUSTED NEXT FALL, WHEN FINAL 1987-88 PUPIL UNIT DATA WILL BE AVAILABLE.

OTHER CAPITAL EXPENDITURE:
I 359 PUPIL UNIT VARIANCE (SEE MEMO) 213.00-
I 336 BUS TRANSFER ADJUST
I 317 OTHER ADJUST (MEMO)
C 302 TY TOTAL CEX LEVY LIMITATION ADJUSTMENT (I359 + I336 + I317) 213.00-

GENERAL DEBT SERVICE

I 610 REQUIRED DEBT SERVICE LEVY LIMITATION 485,177.00
C 614 MAXIMUM EFFORT DS LEVY (86 AAV X 0 MILLS)
C 601 INITIAL GEN DS LIMIT (GTR: I610 OR C614) 485,177.00
I 609 ERROR ADJUST (MEMO)
I 619 DS LOAN RECEIVABLE
C 602 GEN DS ADJUSTMENT (I609 LESS I619)
I 615 APPROVED OVER REQUIRED TO REPAY CAPITAL LOAN
C 604 MINIMUM GEN DEBT SERVICE LEVY (APPLIES TO STATE LOAN DISTRICTS ONLY)

AVTI DEBT SERVICE

I 501 TOTAL INITIAL AVTI DEBT SERVICE LIMIT 179,778.00
I 502 AVTI DEBT SERVICE ADJUSTMENT (MEMO)
I 504 MINIMUM AVTI DS LEVY (EQUAL TO STATE AID) 123,522.45

AVTI OTHER

I 710 AVTI UNEMPLOYMENT INS 22,060.00
I 716 AVTI CONSTRUCTION 75,300.00
C 713 SECONDARY VOCATIONAL (DIST 287, 916, & 917)
C 714 SPECIAL EDUCATION (DIST 287, 916, & 917)
C 701 TOTAL INITIAL AVTI OTHER LEVY LIMIT (SUM OF I710 THRU C714) 97,360.00
I 702 TY AVTI OTHER LEVY LIMITATION ADJUSTMENT (MEMO)

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

PAGE 10 OF 16
DATE OF RUN: 10/01/87

COMMUNITY EDUCATION

BASIC:
H 901 POPULATION (YEAR 1980) 34,796
T 174 YOUTH DEVELOPMENT PLAN ? NO
C 482 FY 89 BASIC CED REVENUE
(GTR OF \$5.50 X POP OR
\$7340 FOR DST WITHOUT
YOUTH DEV PLAN; GTR OF
\$6.00 X POP OR \$8000 FOR
DST WITH YOUTH DEV PLAN) 191,378.00
T 176 MILL RATE LIMIT
(.8 MILL X 86 AAV) 110,666.82
C 489 BASIC CED LEVY LIMIT
(LSR: C482 OR T176) 110,666.82
C 484 EST NY BASIC CED AID
(C482 LESS C489) 80,711.18

GRANDFATHER:
C 474 CED GRANDFATHER LEVY
LIMIT (EQUAL TO 83 PAY
84 GRNDFTHR LEVY LIMIT)

EARLY CHILD FAMILY:
T 182 EST POPULATION UNDER
FIVE YEARS OF AGE 1,899.00
C 599 FY 89 EARLY CHILD REV
LIMIT(GTR OF \$84.50 X
T182 OR \$12,675) 160,465.50
T 183 MILL RATE LIMIT
(.5 MILL X 86 AAV) 69,166.76
C 595 EARLY CHILD LEVY LIMIT
(LSR: C599 OR T183) 69,166.76
C 483 EST NY EARLY CHILD AID
(C599 LESS C595) 91,298.74

HANDICAPPED ADULTS:
I 407 LEVY LIMIT
(LSR: \$30,000 OR EST
EXPEND LESS STATE AID) 10,500.00

ADULT BASIC EDUC:
C 961 LEVY LIMIT
(.1 MILL X 86 AAV) 13,833.35
C 401 TOTAL INITIAL CED
LEVY LIMITATION (C489 +
C474+C595+I407+C961) 204,166.93

COMMUNITY EDUC ADJUSTMENTS

FY 88 EARLY CHILD FAMILY ADJ:
I 594 ACT POPULATION
UNDER FIVE
YEARS OF AGE 1,899
T 175 REVENUE LIMIT
(GTR OF \$84.50
X I594 OR
\$12,675) 160,465.50
T 177 MILL RATE LIMIT
(.5 MILL X
85 AAV) 79,518.95
T 179 LEVY AUTHORITY
(LSR OF T175
OR T177) 79,518.95
H 595 86 PAY 87 LIMIT 79,518.95
H 597 86 PAY 87 LEVY 29,000.00
C 503 FY 88 EARLY CHILD
FAMILY ADJUST

I 495 HANDICAPPED ADULTS
ADJUST (MEMO) 2,050.00
I 728 OTHER ADJUST
(MEMO)
C 402 TOTAL COMM ED
ADJUSTMENT
(C503 + I495
+ I728) 2,050.00

TACONITE ADJUSTMENTS

TACONITE RECEIPTS:
I 946 TAC POT DISTRIBUTION
I 947 MINING/BENEFICATION
I 948 TACONITE POWER PLANT
I 949 TAC PROTECTION FUND
I 905 UNMINED TACONITE LAND
I 903 TAC RAILROAD GRNDFTHR
I 904 OCCUPATION GRNDFTHR
I 966 DEER RIVER GRNDFTHR
C 976 LY TOTAL TAC RECEIPTS
(I946 THRU I966)
I 975 TAC LEVY GUARANTEE
T 178 LY ADJUSTED RECEIPTS
(C976 - I975)

TACONITE RATIO:
H 823 PAY 87 LIMIT W/O TAC
H 112 PAY 87 REFEREND LIMIT 795,189.00
T 181 PAY 87 TIER LIMITS
C 825 LIMIT EXCL REF & TIERS
C 978 TAC LEVY LIMIT RATIO
GTR .5 OR (C825/C823)

LIMIT ELIGIBLE FOR TACONITE ADJUSTMENT:
C 981 GEN EDUC LIMIT LESS
12.5 MILLS X 86 AAV
C 982 MAINT LESS GEN EDUC,
REF & SOD
C 826 TOTAL ELIGIBLE MAINT
(SUM C981 & C982)
C 984 TRANSPORTATION
C 986 COMMUNITY SERVICE
C 988 CAPITAL EXPENDITURE
C 990 AVTI OTHER
C 992 TOTAL ELIGIBLE LIMIT

TACONITE LEVY LIMITATION ADJUSTMENT:
C 906 ADJ RECEIPTS X RATIO
C 803 TOTAL ADJUST (-1 X
(LSR C906 OR C992)
C 703 AVTI OTHER
C 303 CAPITAL EXPENDITURE
C 403 COMMUNITY SERVICE
C 203 TRANSPORTATION
C 103 MAINTENANCE

TACONITE REFERENDUM PAYMENT:
T 184 TAC REFERENDUM PU (GTR
83-84 OR 86-87 WADM)
H 915 1986 TAXABLE VALUE
C 899 NY EST TAC REF PAYMENT

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 11 OF 16
DATE OF RUN: 10/01/87

TYPE OF SCHOOL PROP. TAX LEVY	INITIAL LEVY LIMITATION	LIMITATION ADJUSTMENT	ABATEMENT ADJUSTMENT	TACONITE ADJUSTMENT	MINIMUM LEVY LIMITATION	MAXIMUM LEVY LIMITATION	CERTIFIED LEVY
MAINTENANCE	5,782,216.74	21,800.21-	11,678.02		SEE FOOTNOTE *1	5,772,094.55	
TRANSPORTATION	860,215.62	7,752.93	762.46		SEE FOOTNOTE *2	868,731.01	
COMMUNITY SERVICE	204,166.93	2,050.00	265.86		SEE FOOTNOTE *3	206,482.79	
CAPITAL EXPENDITURE	2,420,207.64	213.00-	1,380.91		SEE FOOTNOTE *4	2,421,375.55	
GENERAL DEBT SERVICE	485,177.00		820.46	N/A	*5	485,997.46	
AVTI DEBT SERVICE	179,778.00			N/A	123,522.45 *6	179,778.00	
AVTI OTHER	97,360.00		43.51		SEE FOOTNOTE *7	97,403.51	
TOTAL	10,029,121.93	12,210.28-	14,951.22		SEE FOOTNOTES	10,031,862.87	

NO CERTIFIED LEVY MAY EXCEED THE CORRESPONDING MAXIMUM LEVY LIMITATION.
THE COUNTY AUDITOR IS REQUIRED BY MINNESOTA STATUTES 275.16 TO REDUCE
ANY CERTIFIED LEVY THAT IS GREATER THAN THE MAXIMUM LEVY LIMITATION.

MINIMUM LEVY LIMITATION FOOTNOTES:

- *1 COMPLETE PAGES 12 OF 16 AND 13 OF 16 IF LESS THAN MAXIMUM LIMITATION IS CERTIFIED.
- *2 COMPLETE PAGE 14 OF 16 IF LESS THAN MAXIMUM LIMITATION IS CERTIFIED.
- *3 COMPLETE PAGE 15 OF 16 IF LESS THAN MAXIMUM LIMITATION IS CERTIFIED.
- *4 COMPLETE PAGE 15 OF 16 IF LESS THAN MAXIMUM LIMITATION IS CERTIFIED.
- *5 MINIMUM LEVY FOR DEBT SERVICE UNDER M.S. 124.42 AND/OR 124.43.
- *6 MINIMUM AMOUNT IS FY 89 AVTI DEBT SERVICE AID. COUNTY AUDITOR SHALL REDUCE CERTIFIED LEVY BY BOTH THIS AMOUNT & AVTI DEBT SERVICE EXCESS.
- *7 COMPLETE PAGE 16 OF 16 IF LESS THAN MAXIMUM LIMITATION IS CERTIFIED.

DISTRIBUTION:

DISTRICT SENDS COMPLETED ORIGINAL TO HOME COUNTY AUDITOR.
DISTRICT SENDS DUPLICATED COPY TO:

MINNESOTA DEPARTMENT OF EDUCATION
EDUCATION AIDS AND LEVIES
971 CAPITOL SQUARE BUILDING
SAINT PAUL, MINNESOTA 55101

DISTRICT KEEPS DUPLICATED COPY FOR FILE.

DISTRICTS 287, 916 AND 917 SEND DUPLICATED COPIES TO EACH OF THEIR
COMPONENT SCHOOL DISTRICTS.

DEPARTMENT SENDS COPY TO COUNTY AUDITOR AS LIMITATION CERTIFICATION.

DEBT SERVICE EXCESS:
COUNTY AUDITOR SHALL
REDUCE DEBT SERVICE
LEVY BY THE AMOUNT OF
THE CERTIFIED EXCESS
UNLESS SCHOOL BOARD
DIRECTS AUDITOR BY
RESOLUTION NOT TO
REDUCE THE LEVY BY ALL
OR PART OF THE EXCESS.

GENERAL DEBT
SERVICE

AVTI DEBT
SERVICE

CERTIFIED EXCESS

THE CERTIFIED LEVY LISTED ABOVE IS THE LEVY NOTED BY THE
SCHOOL BOARD FOR TAXES PAYABLE IN 1988. THE DEBT SERVICE
EXCESS IS CERTIFIED PURSUANT TO MINNESOTA STATUTES 475.61.

SIGNATURE OF
SCHOOL BOARD CLERK

DATE OF
CERTIFICATION

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 12 OF 16
DATE OF RUN: 10/01/87

(COMPLETED ONLY BY DISTRICTS THAT CERTIFY LESS THAN THE MAXIMUM MAINTENANCE LEVY LIMITATION)
(NOTE: DISTRICTS COMPLETING THIS PAGE MUST ALSO COMPLETE PAGE 13 OF 16.)

LIMITATION COMPONENTS	LIMITATION	/CERTIFIED LEVY *5 /	LIMITATION COMPONENTS	LIMITATION	/CERTIFIED LEVY *5 /
INITIAL LIMITATIONS:		/			/
C 183		/	I 113		/
GENERAL EDUCATION	4,914,644.09	/	JUDGMENT		/
	*1	/			/
C 148		/	I 176		/
SUPPLEMENTAL	23,095.05	/	CONSOLIDATION		/
	*1	/			/
I 112		/	C 611		/
REGULAR REFERENDUM	691,667.60	/	DESEGREGATION		/
		/			/
C 897,		/	I 107		/
TACONITE REFERENDUM		/	HEALTH INS (MINNEAPOLIS)		/
	*2	/			/
I 122		/	I 116		/
UNEMP INSURANCE		/	RETIREMENT (MINNEAPOLIS)		/
		/			/
C 026		/	I 117		/
SPECIAL EDUCATION	152,810.00	/	SEVERANCE (ST PAUL)		/
		/			/
C 748		/	I 178		/
OPERATING DEBT		/	STATE AUDIT PETITION		/
	*3	/			/
C 119		/	SUBTOTAL:		/
STATUTORY OPER DEBT		/	C 101		/
	*4	/	INITIAL MAINTENANCE	5,782,216.74	/
C 612		/			/
EXCEPTIONAL NEED		/			/
	*1	/			/
I 165		/			/
PROGRAM IMPROVEMENT		/			/
		/			/

MAINTENANCE FOOTNOTES:

- *1 DISTRICT UNDERLEVY IN THIS COMPONENT WILL RESULT IN PROPORTIONATE REDUCTION IN CORRESPONDING STATE AID.
- *2 TACONITE DISTRICTS MUST LEVY THIS AMOUNT TO RECEIVE MAXIMUM PAYMENTS PURSUANT TO M.S. 298.28, SUBD. 1, CLAUSE 3C.
- *3 A DISTRICT MUST LEVY THE MAXIMUM FOR GENERAL EDUCATION (C 183) BEFORE ANY AMOUNT MAY BE LEVIED FOR OPERATING DEBT (C 748).
- *4 DISTRICTS IN STATUTORY OPERATING DEBT MUST LEVY THIS AMOUNT (M.S. 275.125, SUBD. 9A).
- *5 THE CERTIFIED LEVY COMPONENTS ON PAGES 12 AND 13 MUST ADD UP EXACTLY TO THE AMOUNT OF THE CERTIFIED MAINTENANCE LEVY ON PAGE 11 OF 16.

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 13 OF 16
DATE OF RUN: 10/01/87

(COMPLETED ONLY BY DISTRICTS THAT CERTIFY LESS THAN THE MAXIMUM MAINTENANCE LEVY LIMITATION)
(NOTE: DISTRICTS COMPLETING THIS PAGE MUST ALSO COMPLETE PAGE 12 OF 16.)

LIMITATION COMPONENTS	LIMITATION	CERTIFIED LEVY *5
ADJUSTMENTS:		
C 114		
FY 88 COST DIFF TIER ADJ	45,194.60-	45,194.60-
	*1	
C 126		
FY 88 SECOND TIER ADJUST	8,773.96-	8,773.96-
	*1	
C 139		
FY 88 THIRD TIER ADJUST	7,799.08-	7,799.08-
	*1	
C 145		
FY 88 FOURTH TIER ADJUST	45,614.70-	45,614.70-
	*1	
C 160		
FY 88 FIFTH TIER ADJUST		
	*1	
C 053		
FY 88 DECLINING PU ADJUST		
	*1	
C 199		
FY 87 BASIC MAINT ADJUST		
C 123		
FY 87 COST DIFF TIER ADJ	716.93	
C 137		
FY 87 SECOND TIER ADJUST	6,966.18	
C 142		
FY 87 THIRD TIER ADJUST	493.86	
C 156		
FY 87 FOURTH TIER ADJUST	839.67	
C 163		
FY 87 FIFTH TIER ADJUST		
C 051		
FY 87 DECLINING PU ADJUST		
C 863		
1987 SUMMER PROG ADJUST	8,133.62-	8,133.62-
C 680		
1986 SUMMER PROG ADJUST	36.10	
C 029		
FY86 SPECIAL EDUC ADJUST	56,842.01	

LIMITATION COMPONENTS	LIMITATION	CERTIFIED LEVY *5
I 656		
FY 88 INTERDIST COOP ADJ		*1
C 096		
FY 87 INTERDIST COOP ADJ		
C 094		
FY 87 LIABILITY INS ADJ	27,821.00	
C 075		
FY 86 LIABILITY INS ADJ		
I 180		
MAINT PU VARIANCE (MEMO)		
I 140		
DEBT SURPLUS TRANSFER ADJ		
I 128		
OTHER ADJUST (MEMO)		
C 191		
ABATEMENT ADJUST	11,678.02	
C 103		
TACONITE ADJUST		
SUBTOTAL:		
ADJUSTMENTS	10,122.19-	
SUBTOTAL:		
INITIAL MAINTENANCE	5,782,216.74	
(FROM PAGE 12 OF 16)		
C 105		
TOTAL MAINTENANCE	5,772,094.55	
	*5	

MAINTENANCE FOOTNOTES (CONTINUED):

- *1 DISTRICT UNDERLEVY IN THIS COMPONENT WILL RESULT IN PROPORTIONATE REDUCTION IN CORRESPONDING STATE AID.
- *5 THE CERTIFIED LEVY COMPONENTS ON PAGES 12 AND 13 MUST ADD UP EXACTLY TO THE AMOUNT OF THE CERTIFIED MAINTENANCE LEVY ON PAGE 11 OF 16.

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 14 OF 16
DATE OF RUN: 10/01/87

(COMPLETED ONLY BY DISTRICTS THAT CERTIFY LESS THAN THE MAXIMUM TRANSPORTATION LEVY LIMITATION)

LIMITATION COMPONENTS	LIMITATION	/CERTIFIED LEVY *3 /	LIMITATION COMPONENTS	LIMITATION	/CERTIFIED LEVY *3 /
C 224		/	C 218		/
BASIC TRANSPORTATION	323,700.43	/	FY 87 HAZARDOUS ADJUST	3,220.00-	3,220.00-
	*1	/			/
C 532		/	C 225		/
NONREGULAR TRANS	63,833.69	/	FY 86 HAZARDOUS ADJUST		/
	*2	/			/
C 295		/	C 541		/
CONTRACT TRANS	50,960.00	/	FY 87 SECONDARY ADJUST	100.00-	100.00-
		/			/
C 214		/	C 257		/
EXCESS		/	FY 86 SECONDARY ADJUST		/
TRANSPORTATION	146,721.50	/			/
		/	C 223		/
I 215		/	OTHER ADJUST		/
BUS PURCHASE	275,000.00	/	(MEMO)		/
		/			/
I 217		/	C 291		/
LEASED SCHOOL IN		/	ABATEMENT ADJUST	762.46	/
OTHER DISTRICT		/			/
		/	C 203		/
I 536		/	TACONITE		/
TRANS OFF-FORMULA		/	ADJUST		/
ADJUST (MEMO)		/			/
		/	C 205		/
C 537		/	TOTAL		/
FY 88 CONTRACT TRANS		/	TRANSPORTATION	868,731.01	/
ADJUSTMENT	4,090.00	/		*3	/
		/			/
C 204		/			/
FY 87 CONTRACT TRANS		/			/
ADJUSTMENT	4,022.26	/			/
		/			/
C 184		/			/
FY 87 NONREGULAR		/			/
TRANS ADJUSTMENT	2,954.48	/			/
	*2	/			/
C 930		/			/
FY 86 NONREGULAR		/			/
TRANS ADJUSTMENT	6.19	/			/
		/			/

TRANSPORTATION FOOTNOTES:

- *1 DISTRICT MAY UNDERLEVY WITH NO REDUCTION IN CORRESPONDING STATE AID.
- *2 DISTRICT UNDERLEVY IN THIS COMPONENT WILL RESULT IN PROPORTIONATE REDUCTION IN CORRESPONDING STATE AID.
- *3 THE CERTIFIED LEVY COMPONENTS MUST ADD UP EXACTLY TO THE AMOUNT OF THE CERTIFIED TRANSPORTATION LEVY ON PAGE 11 OF 16.

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 15 OF 16
DATE OF RUN: 10/01/87

(COMPLETED ONLY BY DISTRICTS THAT CERTIFY LESS THAN THE MAXIMUM COMMUNITY EDUCATION OR CAPITAL EXPENDITURE LEVY LIMITATION)

COMMUNITY EDUCATION: LIMITATION COMPONENTS	LIMITATION /CERTIFIED LEVY *3 /
C 489 BASIC COMMUNITY EDUC	110,666.82 / *1 /-----/
C 474 COMMUNITY ED GRANDFATHER	/ / / /-----/
C 595 EARLY CHILD FAMILY	69,166.76 / *2 /-----/
I 407 HANDICAPPED ADULTS	10,500.00 / / /-----/
C 961 ADULT BASIC EDUCATION	13,833.35 / / /-----/
C 503 FY 88 EARLY CHILD FAMILY ADJUST	/ / *2 /-----/
I 495 HANDICAPPED ADULTS ADJ	2,050.00 / / /-----/
I 728 OTHER ADJUST (MEMO)	/ / / /-----/
C 491 ABATEMENT ADJUSTMENT	265.86 / / /-----/
C 403 TACONITE ADJUSTMENT	/ / / /-----/
C 405 TOTAL COMMUNITY EDUCATION	206,482.79 / *3 /-----/

CAPITAL EXPENDITURE: LIMITATION COMPONENTS	LIMITATION /CERTIFIED LEVY *5 /
C 308 BASIC CAPITAL EXPEND	415,000.56 / *4 /-----/
C 385 HAZARDOUS SUBST CEX	2,005,207.08 / *4 /-----/
I 392 ENERGY LOAN CEX	/ / / /-----/
I 318 PROG IMPROVEMENT CEX	/ / / /-----/
I 359 PUPIL VARIANCE(MEMO)	213.00- / 213.00- / / /-----/
I 336 BUS TRANSFER ADJ	/ / / /-----/
C 317 OTHER ADJUST (MEMO)	/ / / /-----/
C 391 ABATEMENT ADJUST	1,380.91 / / /-----/
C 303 TACONITE ADJUST	/ / / /-----/
C 305 TOTAL CAPITAL EXPEND	2,421,375.55 / *5 /-----/

COMMUNITY EDUCATION FOOTNOTES:

- *1 DISTRICT UNDERLEVY IN THIS COMPONENT WILL RESULT IN PROPORTIONATE REDUCTION IN CORRESPONDING STATE AID.
- *2 DISTRICT UNDERLEVY IN THIS COMPONENT WILL RESULT IN PROPORTIONATE REDUCTION IN CORRESPONDING STATE AID. DISTRICT MUST PROVIDE A COMMUNITY EDUCATION PROGRAM TO QUALIFY FOR THIS LEVY.
- *3 THE CERTIFIED LEVY COMPONENTS MUST ADD UP EXACTLY TO THE AMOUNT OF THE CERTIFIED COMMUNITY EDUCATION LEVY ON PAGE 11 OF 16.

CAPITAL EXPENDITURE FOOTNOTES:

- *4 DISTRICT UNDERLEVY IN THIS COMPONENT WILL RESULT IN PROPORTIONATE REDUCTION IN CORRESPONDING STATE AID.
- *5 THE CERTIFIED LEVY COMPONENTS MUST ADD UP EXACTLY TO THE AMOUNT OF THE CERTIFIED CAPITAL EXPENDITURE LEVY ON PAGE 11 OF 16.

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 16 OF 16
DATE OF RUN: 10/01/87

(COMPLETED ONLY BY DISTRICTS THAT CERTIFY LESS THAN THE MAXIMUM AVTI OTHER LEVY LIMITATION)

LIMITATION COMPONENTS	LIMITATION	/CERTIFIED LEVY *1 /
I 710		/
AVTI UNEMPLOYMENT INS	22,060.00	/
I 716		/
AVTI CONSTRUCTION	75,300.00	/
C 713		/
SECONDARY VOCATIONAL		/
C 714		/
SPECIAL EDUCATION		/
I 702		/
AVTI OTHER LIMITATION		/
ADJUSTMENT (MEMO)		/
C 791		/
ABATEMENT ADJUSTMENT	43.51	/
C 703		/
TACONITE ADJUSTMENT		/
C 705		/
TOTAL AVTI OTHER	97,403.51	/
	*1	/

AVTI OTHER FOOTNOTE:

*1 THE CERTIFIED LEVY COMPONENTS MUST ADD UP EXACTLY TO THE AMOUNT OF THE CERTIFIED AVTI OTHER LEVY ON PAGE 11 OF 16.



THE HARTFORD
The Insurance People of **ITT**

September 11, 1987

Mr. Dan Bacon, Supervisor
Transportation and Census
Independent School District #152
810 South Fourth Avenue
Moorhead, Minnesota 56560

*Minneapolis Regional Office
8400 Normandale Lake Blvd.
Bloomington, MN 55437
Telephone (612) 893-9505*

RE: Loss Control Meeting - 8/19/87
Policy Number - UEN PC3052
Expiration Date - 3/15/88

Hello Dan:

This letter is regarding our meeting in which we discussed advancements in Independent School District 152's Fleet Loss Control Program since our last meeting in February of 1987. There have been very noticeable improvements in driver training, organization of bus driver files, and in the securing of Certificates of Insurance from faculty and staff members who do operate personal vehicles for School District business.

I was impressed with the organization and contents of the Basic Training for School Bus Drivers which was conducted at the AVTI and taught by yourself. This should be a beneficial training tool for new bus drivers in the area. Also, the involvement of your experienced bus drivers in this training program could increase their own awareness of driving hazards and also increase their morale stemming from the feeling of being useful to the Fleet Training Program. Of course, all training received by the school bus drivers should be documented and placed in the driver's individual personnel file.

The personnel file checklist for the school bus drivers is quite thorough; perhaps a modified checklist could be incorporated into the faculty and staff who drive either with a District owned or personal vehicle for School District use, personnel files. Item that could be incorporated into these files include:

- 1 - Application Date, #5 - date hired, #8 - W4 complete,
#8a - copies submitted to payroll.

Driver training and MVR's could be utilized in the faculty and staff's personnel files.

-2-

When viewing the rough draft of the Fleet Program, you mentioned two areas of concern, driver training and driver evaluation. As you mentioned in your policy statement, school bus drivers must follow strict standards, but the issue of training and evaluating faculty and staff numbers operating either District owned or personal vehicles for school business poses a problem.

Perhaps annual training could be given to faculty and staff who transport students and/or operate a vehicle on a regular basis. Optional training could be given to remaining members of the faculty and staff during the biannual staff workshop.

As for evaluating the faculty and staff drivers, we could divide the group into three classifications, #1. 0-50 miles, #2. 51-200 miles, #3. 201 and above miles. From there we could utilize the total number of miles driven by the faculty members, the total number of trips taken, and their classification, to annually evaluate the driver. If a driver operates a company owned or personal vehicle the entire year without a preventable accident or a violation on their MVR, the person could be rewarded by a bonus program. A sample of how this could be established is shown below:

T = TOTAL NUMBER OF MILES DRIVEN PER YEAR.

N = TOTAL NUMBER OF TRIPS DRIVEN PER YEAR.

C = CLASSIFICATION NUMBER

$$\frac{T}{N} \times C = \text{BONUS, EXAMPLE: CLASS 3 } T=300 \text{ } N=6$$
$$\frac{300}{6} \times 3 = \$150.00 \text{ BONUS.}$$

What do you think?

To provide incentive for the school bus drivers, I have enclosed a copy of Hartford's Safe Driver Award Program, which uses pins to designate the number of years driven without a preventable accident. I have also enclosed a copy of a guide for determining preventability of motor vehicle accidents, which could be used as guidelines for the proposed accident review committee.

I haven't forgotten your interest in Hartford's 3D Program. We are trying to organize a 3D Program to be held in the Twin Cities during the spring of 1988. I will keep you updated as this develops.

That's all for now. I would like to meet with you next August. During this next visit I would like to review drivers files and inspect the bus fleet.

-3-

If I can be of any assistance to you or the Safety Program at 152 or Moorhead AVTI, please contact me at our Bloomington Office, 1-800-682-6610.

Best regards,

Mark S. Horton
Loss Control Representative
MSH:gb
1281b

✓ cc: Bob Locher, Business Manager
810 Fourth Avenue South
Moorhead, MN 56560

cc: Warner & Company
Attn: Jerry Munighan

cc: Orv Kostl, Director of Building & Grounds
1304 - 15th Avenue North
Moorhead, MN 56560

INDEPENDENT SCHOOL DISTRICT NO. 152
MOORHEAD, MINNESOTA

Notice is hereby given that a regular meeting of the Moorhead Board of Education will be held on Tuesday, October 27, 1987 at 7:30 p.m. in the Board Room at Townsite Centre.

Bennett Trochlil
Bennett Trochlil, Superintendent

MISSION STATEMENT

To maximize the talents of every student in Independent School District Number 152.

ATTENDANCE:

Douglas Fagerlie	Allen Lund
Jeanne Seigel	Anton Hastad
Michael Hulett	Wayne Alexander
A. C. (Curt) Borgen	Bennett Trochlil

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

III. PREVIEW OF AGENDA - Bennett Trochlil, Superintendent

*IV. CONSENT AGENDA

All items listed with an asterisk () are considered to be routine by the School Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member or citizen so requests, in which event the item will be considered in its normal sequence on the agenda.

V. COMMUNICATIONS

VI. OPPORTUNITY FOR CITIZENS TO SPEAK

VII. "WE ARE PROUD"

1. Bob Jernberg has been elected by his fellow Kiwanians to the office of Lieutenant Governor for the Minnesota-Dakota's District of Kiwanis International.
2. Kevin Wallevand, WDAY, and the Moorhead School District Transportation Department were recognized by the MEA for the special program on seat belts.

VIII. MOORHEAD TECHNICAL INSTITUTE AGENDA

A. UNFINISHED BUSINESS

B. NEW BUSINESS

1. Consider MTI Construction (Lacher) Appendix A
Proposal

Explanation: The State Board has requested that technical institutes interested in funding for new construction projects submit a preliminary plan by November 2, 1987. These requests may be considered in the 1988 legislative session. Copies of the proposal will be available at the meeting.

Recommendation: Move to accept the construction proposal as submitted.

IX. PRE-SCHOOL--K - GRADE 12 PROGRAM--COMMUNITY EDUCATION

A. UNFINISHED BUSINESS

1. Consider 1987 Tax Levy - (Lacher) Appendix B
Payable 1988

Explanation: Appendix B-1 is the proposed levy totalling \$7,641,288.47, based on the discussion at the October 13 meeting.

Recommendation: This proposed levy is being discussed at the School Board Retreat. As a result of that meeting a change may be made.

B. NEW BUSINESS

1. Consider Personnel (Bergen) Appendix C

Maternity Leave

Sharon Nelson - Kindergarten teacher, Probstfield, to start approximately December 11 for about six weeks

Salary Increase - Jerry Burdeski - Energy, Audio-Visual Technology Coordinator, B23, \$7.05 for 1986-87 and \$7.60 for 1987-88

Recommendation: Move to approve the personnel changes as shown.

2. Consider Mathematics
League Coach Proposal

(Jernberg)

Appendix D

Explanation: Appendix D-1 contains a proposal for a mathematics league coach.

Recommendation: Move to approve the proposal with an allocation of \$1,000 for travel and registration and compensation for the advisor of .05% extra curricular schedule, subject to negotiations.

*3. Consider Acceptance
of Gift

(Jernberg)

Appendix E

Explanation: The Senior High Industrial Education Department has received a 1987 Oldsmobile Cutlass Sierra from General Motors Oldsmobile Division, Minneapolis zone. This car was involved in the Minneapolis flooding this past summer and is therefore being given to our school district.

Recommendation: Move to accept the gift as shown and direct a letter of thanks be sent.

4. Consider Block Grant
Utilization for 1988-89

(Jernberg)

Appendix F

Explanation: At a planning meeting of building principals, media personnel and audio-visual representatives, it was proposed that the 1988-89 Block Grant allocation be targeted for library and audio-visual materials at the North Campus. The PER Committee, at its October 22 meeting, discussed this recommendation and also recommends that the Board consider this proposal.

Recommendation: Move to direct the administration to plan the utilization of 1988-89 Block Grant funds as outlined above.

X. FOR YOUR INFORMATION

Appendix Z

1. Washington School - Sheila Pechtel will be present to address the Board on items of interest.
2. Enrollment Projection - The Board will be updated regarding the enrollment projections for 1988 through 1993 based on the current enrollment as of October 1 and census information. Data will be available at the meeting.
3. Grant Loan Receipts - Appendix Z-3 is a listing of grants and loans in the amount of \$2,931,812.00 received by the Property Services Department. As a result of these monies we did not have to compete for instructional need while addressing our energy, hazardous substances or energy conservation needs.
4. Lynn Prom's Recognition - Chamber of Commerce
5. Futures Article - "The Futurist," July-August 1987
Appendix Z-5

CALENDAR OF EVENTS

<u>Event</u>	<u>Date</u>	<u>Time</u>	<u>Place</u>
North Central Association Visitation	Sunday, Oct. 25 - Wednesday, Oct. 28		
Teacher Negotiations	Tuesday, Oct. 27 & Wednesday, Oct. 28	9:00 a.m.	Townsite
Chamber of Commerce 'Business After Hours'	Tuesday, Oct. 27	4:30 p.m.	Regency
Oscar Bergos-Auditorium Dedication	Thursday, Oct. 29	6:00 p.m.	MTI
MTI Advisory Committee Dinner	Thursday, Oct. 29	6:30 p.m.	MTI
Early Childhood Screening	Monday, Nov. 2 - Monday, Nov. 9	All Day	Townsite
Joint Powers	Thursday, Nov. 5	7:00-9:00 a.m.	Townsite
'Year of the Child'	Tuesday, Nov. 10	2:00 p.m.	Yunkers Farm
Continuing Education	Wednesday, Nov. 11	7:30-8:30 a.m.	Townsite
Title IX	Thursday, Nov. 12	7:00-8:00 a.m.	Townsite
Sexual Harassment/ Wellness In-service	Monday, Nov. 16	8:00 a.m.- 4:00 p.m.	Townsite

XI. OTHER PERTINENT ITEMS TO COME BEFORE THE BOARD OF EDUCATION

XII. ADJOURNMENT

DISTRICT NO. 152 TYPE 1
DISTRICT NAME MOORHEAD
ECSU REGION 04 CLAY

STATE DEPARTMENT OF EDUCATION
LEVY LIMITATION AND CERTIFICATION
1987 PAYABLE 1988

ED-00111-09

PAGE 11 OF 16
DATE OF RUN: 10/01/87

TYPE OF SCHOOL PROP. TAX LEVY	INITIAL LEVY LIMITATION	LIMITATION ADJUSTMENT	ABATEMENT ADJUSTMENT	TACONITE ADJUSTMENT	MINIMUM LEVY LIMITATION	MAXIMUM LEVY LIMITATION	CERTIFIED LEVY
MAINTENANCE	5,782,216.74	21,800.21-	11,678.02		SEE FOOTNOTE *1	5,772,094.55	5,357,093.99
TRANSPORTATION	860,215.62	7,752.93	762.46		SEE FOOTNOTE *2	868,731.01	868,731.01
COMMUNITY SERVICE	204,166.93	2,050.00	265.86		SEE FOOTNOTE *3	206,482.79	171,416.03
CAPITAL EXPENDITURE	2,420,207.64	213.00-	1,380.91		SEE FOOTNOTE *4	2,421,375.55	556,168.47
GENERAL DEBT SERVICE	485,177.00		820.46	N/A	*5	485,997.46	485,997.46
AVTI DEBT SERVICE	179,778.00			N/A	123,522.45 *6	179,778.00	179,778.00
AVTI OTHER	97,360.00		43.51		SEE FOOTNOTE *7	97,403.51	22,103.51
TOTAL	10,029,121.93	12,210.28-	14,951.22		SEE FOOTNOTES	10,031,862.87	7,641,288.47

NO CERTIFIED LEVY MAY EXCEED THE CORRESPONDING MAXIMUM LEVY LIMITATION.
THE COUNTY AUDITOR IS REQUIRED BY MINNESOTA STATUTES 275.16 TO REDUCE
ANY CERTIFIED LEVY THAT IS GREATER THAN THE MAXIMUM LEVY LIMITATION.

MINIMUM LEVY LIMITATION FOOTNOTES:

- *1 COMPLETE PAGES 12 OF 16 AND 13 OF 16 IF LESS THAN MAXIMUM LIMITATION
IS CERTIFIED.
*2 COMPLETE PAGE 14 OF 16 IF LESS THAN MAXIMUM LIMITATION IS CERTIFIED.
*3 COMPLETE PAGE 15 OF 16 IF LESS THAN MAXIMUM LIMITATION IS CERTIFIED.
*4 COMPLETE PAGE 15 OF 16 IF LESS THAN MAXIMUM LIMITATION IS CERTIFIED.
*5 MINIMUM LEVY FOR DEBT SERVICE UNDER M.S. 124.42 AND/OR 124.43.
*6 MINIMUM AMOUNT IS FY 89 AVTI DEBT SERVICE AID. COUNTY AUDITOR SHALL
REDUCE CERTIFIED LEVY BY BOTH THIS AMOUNT & AVTI DEBT SERVICE EXCESS.
*7 COMPLETE PAGE 16 OF 16 IF LESS THAN MAXIMUM LIMITATION IS CERTIFIED.

DISTRIBUTION:

DISTRICT SENDS COMPLETED ORIGINAL TO HOME COUNTY AUDITOR.

DISTRICT SENDS DUPLICATED COPY TO:

MINNESOTA DEPARTMENT OF EDUCATION
EDUCATION AIDS AND LEVIES
971 CAPITOL SQUARE BUILDING
SAINT PAUL, MINNESOTA 55101

DISTRICT KEEPS DUPLICATED COPY FOR FILE.

DISTRICTS 287, 916 AND 917 SEND DUPLICATED COPIES TO EACH OF THEIR
COMPONENT SCHOOL DISTRICTS.

DEPARTMENT SENDS COPY TO COUNTY AUDITOR AS LIMITATION CERTIFICATION.

DEBT SERVICE EXCESS:
COUNTY AUDITOR SHALL
REDUCE DEBT SERVICE
LEVY BY THE AMOUNT OF
THE CERTIFIED EXCESS
UNLESS SCHOOL BOARD
DIRECTS AUDITOR BY
RESOLUTION NOT TO
REDUCE THE LEVY BY ALL
OR PART OF THE EXCESS.

GENERAL DEBT/
SERVICE

AVTI DEBT
SERVICE

CERTIFIED EXCESS
56,255.55

THE CERTIFIED LEVY LISTED ABOVE IS THE LEVY NOTED BY THE
SCHOOL BOARD FOR TAXES PAYABLE IN 1988. THE DEBT SERVICE
EXCESS IS CERTIFIED PURSUANT TO MINNESOTA STATUTES 475.61.

SIGNATURE OF
SCHOOL BOARD CLERK

DATE OF
CERTIFICATION

January, 1987

MOORHEAD PUBLIC SCHOOLS
Moorhead, Minnesota

1987-88 Budget
(Year)

PROPOSAL FORM

NAME OF BUILDING: Sr. High School
TOPIC OF PROPOSAL: Mathematics League Coach
SUBMITTED BY: Aaron Longtine-Sr. High Math Dept. Chair DATE: 10-19-87
SUBMITTED TO: Bob Jernberg DATE TO BE IMPLEMENTED:
11/1/87

BUSINESS OFFICE REVIEW WITH COMMENTS ATTACHED: _____

PERSON RESPONSIBLE TO RECOMMEND
TO SUPERINTENDENT: _____

Recommendation (by person responsible):

Approve X Disapprove _____ Hold _____ Refer to Cabinet _____

Date 10/21/87

*Recommendation: 25% of total amount of
105% subject to negotiations with
5000 for transportation
and registration*

DISTRICT MISSION STATEMENT: To maximize the talents of every student in Independent School District #152.

Complete a description of your program proposal. All eight (8) areas must be addressed. Information in support of your proposal should be as comprehensive as possible and must support the district philosophy.

1. Describe the proposal for funding.
Funding for Senior High participation in Minnesota High School Mathematics League, Tri-College math meets, JETS, National Math Test and other contests. The funding need includes \$1,000 for transportation and registrations as well as funding for an advisor.

(A copy of Math League brochure is attached.)

2. Explain in detail the rationale or purpose of the proposal. This includes research that supports the proposal. (Please relate, if possible, your rationale to the previously identified high priority problems of your school.)

It is necessary to have someone to coach and coordinate the Math League and other contests. The Math League member schools for 1986-87 are attached. Participation began with Sperry funding and has since been funded by participating schools. Research shows coaches' stipends generally range from \$600 to \$1,500.

3. State the negative implications if the proposal is not approved.

Students could not become involved in the Math League or many of the contests. Staff is not willing to coach without an honorarium.

4. List alternative actions available if this proposal is not approved. (It is assumed that any alternative listed is less desirable than the proposal.)

The alternative is not to become involved.

5. Estimate the cost implications of this proposal on the following chart.

PROPOSAL BUDGET

PERSONNEL	*1 Number Re- quested	Total Cost	Code to be Charged	Reimburse- ment (Fed/State)	Net District Cost
Administrators					
Teachers	1	1500			1500
Clerical					
Aides:					
No. & Hrs/Day					
Teacher Aides					
Noon Aides					
FRINGE BENEFITS	Total Salaries X 20% Worker's Compensation X salary X .0043 =				
SUPPLIES					
*2 CAPITAL OUTLAY					
Travel/registration					
OTHER EXPENSES					1000
*3. TOTAL COST <u>\$2,500</u> Net District Cost <u>\$2,500</u>					
Comments on budgetary items:					
We would like \$1,500 stipend for mathematics coach					

- 1 F.T.E. (Full-time equivalent)
 2 Equipment, remodeling, site improvement, etc.
 3 Review by Business Office before Superintendent's Approval

6. Space implications (short/long range).

None

7. Equity implications.

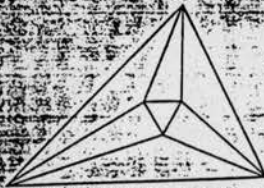
We have an academic advisor for Knowledge Bowl and Academic Decathlon.

8. Suggested timeline for implementation.

We would like to start on November 1st.

9. Other comments:

A High School Mathematics League For Minnesota



February, 1987

THE PURPOSE OF A MATHEMATICS LEAGUE

The League at a Glance

PURPOSE

The league exists to identify those students who have unusual math ability, to give them recognition and encouragement, to bring them together with similarly gifted students for mutual stimulation, and to prod them into the study of topics not commonly taught in the high school curriculum.

ORGANIZATION

Member schools belong to a division of 5-10 schools, often the schools with which they compete in an athletic conference. Teams come together for 5 meets each season. The top team, in some circumstances the top two teams, and the top scoring students in each division are invited to a state tournament.

SIZE

Season	Division	Teams
'80-81	1	4
'81-82	2	16
'82-83	3	30
'83-84	4	42
'84-85	10	84
'85-86	14	107
'86-87	19	156

LEAGUE OFFICE

Department of Mathematics
Macalester College
St. Paul, MN 55105
(612) 696-6337

Wayne Roberts, Director

Kathy Grundhoefer, Assoc. Dir.

League activities are, as the statement in our constitution says, focused on students with unusual mathematical ability, but they are inextricably related to other concerns in mathematics education. Besides their effect on the participating students, we wish to underscore their impact on the teacher/coaches that work with the teams, on the entire mathematical program in a member school, and on the need in our state to develop to its fullest potential the mathematical talent of our young people.

Prodding the Students

Most students who choose to participate in the league do so because it is an opportunity to be involved with other kids who enjoy the challenges and satisfactions of working on mathematical problems. They get just as enthused as teenagers get at any competition, and this enthusiasm translates into pressure to put extra work into mathematics.

A team member who fails to prepare for his or her event is likely to hear about it from the group that has the greatest influence, the peer group. From the overheard "We'd have done a lot better if Sally Witquick had been here," you know that it will not be left up to the coach alone to get Sally involved.

Students who participate in league competition are expected to be problem solvers. Mathematics students have always been asked to solve problems, of course, but the problems encoun-

tered in the classroom almost always come from a text that has just explained how such a problem may be solved. If one cannot solve a problem, it means that the preceding pages should be read more carefully.

That contrasts with problems encountered in league competition which call for a variety of techniques, a synthesis of ideas, or perhaps a facility for approaching problems of a type not previously encountered. The development of this kind of problem solving ability is a principal goal in coaching participants.

League participants are also encouraged to learn more topics than are covered in the regular curriculum. The incentive comes not just from the coach, but as a natural consequence of going to the meets.

"How did you ever think of that?" asks one incredulous competitor of a more successful opponent. When told that it is a method learned by reading a Hungarian problem book, the questioner pretends to know what that is, and resolves to check the library next week for such a title.

Use of the library by students of mathematics is unusual, since students typically feel that everything important to know in this discipline is in their textbook. The fact that league participants do use the library was remarked upon by librarians in the very first year of our league's operation.

Many parents, including parents of students who enjoy only modest success at the meets, ex-

press appreciation for an activity in which an academically oriented student can enjoy the excitement and sense of participation frequently reserved only for athletes. And among the most successful members of the team there is a developing awareness that they must keep improving to keep pace with similarly gifted students in neighboring schools and throughout the state.

Revitalizing the Coaches

Nothing is more certainly calculated to demoralize teachers than a program that takes the most gifted students from their classroom to be taught by someone else. The League supplements rather than replaces classroom instruction, leaving the natural student leaders distributed throughout their various classes; it also offers to one or more teachers (some schools have co-coaches) the opportunity of working in an intensive way with the most interested and able mathematics students in their school. This is itself a means of stimulation for many teachers.

At the same time, the new coach frequently feels a need for some help with the task. How do you teach problem solving as a way of thought? What kinds of things, beyond the standard curriculum, should students know to prepare for mathematical competitions? Where are there good sources of practice materials? Perhaps the source of greatest anxiety for the new coach is the realization that when one works with the best dozen or so mathematics students in one's school each year, there will be some students who see through a chal-

lenging problem faster than does the coach.

Some of the first coaches in the league were able to get help from a two week conference sponsored during the summer of 1984 by the Minnesota State Department of Education. The enthusiasm that this conference sparked led us to schedule annual summer conferences for our coaches.

Techniques for teaching problem solving to gifted students are always part of the program; and there are always suggestions for such tasks as recruiting students, choosing team members, organizing practice sessions, etc. But beyond these essential topics of coaching, the conferences have another important goal.

Conscious efforts are made to create among the coaches an esprit de corps, a sense of being involved in something important, and an assurance that the extra obligations they have taken on are recognized as important by the larger community. Spouses are invited to come along, and special events are planned with them in mind. Member companies of the Minnesota High Technology Council have been generous hosts to the group, providing each year an enjoyable social event.

Of the three secondary mathematics teachers selected as Minnesota Presidential Awardees for Excellence in Teaching Science and Mathematics since President Reagan introduced this program in 1983, two have been coaches from our league. League Director Wayne Roberts says, "I have no reservations when at the social

functions mentioned above, I say to our hosts that the coaches, taken as a group, are the teachers of our state's best young mathematicians, and that as such, they themselves constitute one of our state's great resources."

Enhancing the School Program

We have already said that the league supplements rather than replaces classroom instruction. To the extent that the League succeeds in bringing recognition and honor to those who work to develop their mathematical talent, it naturally calls to the attention of all students the importance of the subject.

This program does not remove pacesetters from the classrooms, or divide their allegiance between their school and some post secondary institution. To the contrary, participation on a team strengthens their sense of identity with the school, and raises their visibility within the traditional class room setting.

Meeting Minnesota's Needs

The world leadership of our state in the area of large computers is due to a relatively small group of talented people. Other high technology companies similarly depend on a few very innovative leaders. Since these companies tell us that it is difficult to recruit to our state the top talent they need to remain competitive, it is critical that we do all we can to develop the resource of our own gifted young people. Minnesota is justly proud of the record its students have compiled on national tests designed to measure

level of achievement in mathematics at various grade levels. There is reason to think that material in the standard curriculum is being learned quite well by a good cross section of our students.

There is also evidence, however, that we are not doing all we could for our most mathematically talented students, say the top ten in the state each year.

This evidence comes from annual competitions conducted by the Mathematics Association of America, the National Council of Teachers of Mathematics, and other professional organizations.

These were principal concerns when our League was started in 1980-81, modelled after leagues that have flourished along the eastern seaboard of this country since the end of World War II. It is from these leagues that students have emerged, not only as winners of the aforementioned national competitions, but as ultimate leaders in our nation's scientific community.

THE LEAGUE IN OPERATION

Divisions

Participating schools are organized into Divisions of from six to eight schools, sometimes from an existing athletic conference, sometimes grouped because of regional proximity. They send teams to five meets, usually hosted on a rotating basis by member schools. All divisions in the state hold their meets at the same time, using the same questions. Results from each meet are sent to the league office

where scoring totals are recorded. Reports are sent out that show team standings and individual leaders within each division, and also show leading teams and individuals on a statewide basis.

Awards are given to the top teams and individual scoring leaders in each Division. Each Division plans its own awards banquet and finds its own ways to get recognition for participating students. Many schools now award letters to their "mathletes."

In addition to the awards just described, the leading individual scorer and the first place team from each Division are invited to a state tournament, and provision is made for inviting other scoring leaders in Divisions having several outstanding individuals, or a second place team from Divisions in which one team has dominated for several seasons.

A Meet Described

Each meet consists of individual events A,B,C,D, and a team event. Questions in each individual event all relate to the same general area (quadratic equations, trigonometric identities,...), the areas having been announced ahead of time. Up to four team members may enter each of the individual events, and no one may enter more than two of these events. This means that a team should have eight members if it is going to enter a full complement in each event. A participant gets points for each problem correctly solved in the allotted time, and the total number of points earned by team members are added to the team's score. Quick announcement

of results contributes to the excitement of the meets. Event B starts about three minutes after Event A ends, and within about ten minutes, the team scores from Event A go up on a large board (or placard which can be given to the winning team to post in the mathematics wing of their school the next day). Cheers, backslapping, and groans commonly accompany the posting of the scores.

The meet concludes with an event in which all team members work together on a list of six questions. At the end of the time period, they submit one answer for each question, and points awarded for correct answers are added to the team total. Teams frequently bring "extras" to the meets; a total of 25 students from a school is not uncommon. A non-team member may enter two individual events of his or her choosing, and while the points earned do not accrue to the team totals, they do count in that student's personal total, on the basis of which the individual awards are given at season's end.

The State Tournament

The state tournament, following in all respects the pattern of regular season meets, is held on a Monday afternoon. It is followed by a dinner and the presentation of awards. Participants may, at league expense, choose to stay overnight in the hotel where the dinner is held.

This carries to the next logical step the intent of bringing together the best mathematics students from neighboring schools, for by the time of the Invitational event, the ten top

students from around the state have come together in one room.

The tournament has drawn the attention of the Twin City media; winners get letters from the Governor; and of course they get the respect of some 200 young people who, having come themselves as winners of their own divisions, fully appreciate what the winners have accomplished. The tournament contributes greatly to our goal of bringing recognition to top students in mathematics.

Still another step beckons us. There is a national tournament, the prestigious American Regions Mathematics League (ARML), that takes place at Penn State each spring. Using results of our own state tournament and of the American High School Mathematics Examination, we plan to form an All-Star team from Minnesota that can compete in ARML. The benefits of our own state tournament are repeated at the national level.

League Finances

Initial funding for the league came from Sperry Corporation, now a part of Unisys, and they have made annual contributions over the league's history. As the league grew, major grants came from the Bush Foundation and the Blandin Foundation. Special projects have been funded by the State Department of Education and member companies of the Minnesota High Technology Council. Macalester College has served as fiscal agent for the League. Regular audits are made as a part of the general college audit, and complete summaries of all income

and expense are available on request.

The league now charges an annual fee of \$300 per school. This fee covers all expenses formerly covered by grants:

- design of all tests.
- duplicating, shipping of materials.
- maintaining records, reporting results.
- awards (over \$5000 spent annually).
- travel, food, lodging for those who get to the state tournament.
- expenses of Division Coordinator's meetings.
- training, making travel arrangements (but unfortunately not paying the way) for the All-Star team that goes to ARML.
- publicity for all league events.
- food, lodging, and program expenses for 3 day summer coach's conference.
- central administrative costs.

Governance and Administration

The League operates as a non-profit corporation. It is governed by a Board of Directors consisting of the Division Coordinators, one elected by the coaches from each Division. This Board also includes a representative of the Minnesota Council of Teachers of Mathematics, the Mathematics Specialist in the State Department of Education, and up to two members at large elected by the Board. These latter members of the Board, together with two elected Division Coordinators, serve as an Executive Committee.

ENTERING THE LEAGUE

New teams wishing to enter the league come in by one of two routes. It is frequently the case that a school is attracted to membership because schools in its geographic area, or schools with which it has natural rivalries through sports programs, are members. In such cases, the obvious procedure is to add the school to the established Division where it fits. Subject to the approval of schools in that Division, this is what is done.

If there is no nearby Division to which a newly interested school can be added, schools in the area are contacted to see if they can be interested in forming a new Division. The interested school may make initial contacts, or may provide a list of likely schools to the League Office from which letters of inquiry will be sent. Through such cooperative efforts, a meeting is set up in the area, and the League Director or a designated representative presents the League program and responds to questions.

In establishing a new Division, several such meetings may be held. The last such meeting in the process usually involves those teachers who will become coaches. This meeting is used to more carefully review the rules, distribute exams and solutions used in previous years, discuss materials in the Coach's Manual, etc. In cases where no one in the area has any experience with the running of a meet, the League Office will offer to have an experienced person come to help conduct the first meet.

Any school intending to participate, whether on a first time or continuing basis, must sign a Letter of Intent to Participate. The signature of the Principal assures that the school administration is aware of and intends to support the program. The annual submission of the name and address of the school's coach keeps League records up to date.

A school considering league participation will want an estimate of costs to be incurred. Reasonable estimates are:

Annual fee	\$300
Transportation to 5 meets	250
Possibly hosting one meet	75
Annual recognition event	75

In addition, there is the matter of a stipend for the coach, something to be settled within the school district's compensation policy. League policy is to encourage schools to adequately compensate coaches of the mathematics team, recognizing it as a demanding, time consuming activity.

Anyone wishing to learn more about joining the league should contact either the Director or the Associate Director at the Macalester office.

The League at a Glance

GOVERNING BOARD

One teacher/coach elected from each of the league's divisions.

Mathematics Specialist, MN
State Department of Education.

President or president's
representative of the MN
Council of Teachers of
Mathematics.

SPONSORS

Start up funds and annual contributions have come from the Sperry Corporation, now Unisys.

Major support has come in grants from the Bush Foundation and the Blandin Foundation.

Special projects have been sponsored by the MN State Department of Education and member companies of the MN High Technology Council.

Macalester College has provided administrative support through secretarial service, student clerical help, and by acting as fiscal agent.

League activities are included on the Advisory list of The MN Association of Secondary Principals.

Nov. 1

West Central

Office -

Earl Anderson
Alexandria

762-0773 HOME

ST. LOUIS RIVER DIVISION

Duluth East
Duluth Cathedral
Proctor
Duluth Denfield
Duluth Central
Cloquet
Hermantown
Esko.

THREE RIVERS DIVISION

Plainview
LaCrescent
St. Charles
Wabasha- Kellogg
Elgin- Millville
Spring Valley
Dover- Eyota

TWIN CITY PRIVATE DIVISION

St. Paul Academy
Breck
St. Thomas Academy
Benilde- St. Margaret
De La Salle
Mounds Park
Hill-Murray
Visitation
St. Croix
St. Agnes

SOUTH DIVISION

Apple Valley
Owatonna
John Marshall
Northfield
Hastings
Rosemount
Simley

TRI- METRO DIVISION

Minnehaha Academy
St. Anthony Village
The Blake Schools
Mahtomedi
Centennial
Brooklyn Center
St. Bernards
Cannon Falls

WASIOJA DIVISION

Kenyon
Pine Island
Zumbrota
Goodhue
West Concord
Wanamingo
Hayfield
Byron

SOUTHWEST MINNESOTA DIVISION

Marshall
Granite Falls
Montevideo
Minneota
Pipestone
Tracy

TWIN CITIES DIVISION

Highland Park
Mpls. South
Mpls. North
St. Paul Central
Mpls. Southwest
Como Park
Edison
Harding
Johnson
Henry
Roosevelt
Washburn
Humboldt

SOUTHWEST SUBURBAN DIVISION

St. Louis Park
Edina
Minnetonka
Kennedy
Burnsville
Eden Prairie
Richfield
Thomas Jefferson
Wayzata

MINNESOTA HIGH SCHOOL MATHEMATICS LEAGUE - 1986-87

156 Schools

CENTENNIAL DIVISION

Shattuck
Claremont
Randolph
Mazeppa
Morristown
MSAD

IRON RANGE DIVISION

Hibbing
Grand Rapids
Nashwauk-Keewatin
Aurora-Hoyt Lakes
Babbitt
Deer River
Greenway
Chisholm

NORTHWEST SUBURBAN DIVISION

Anoka
Coon Rapids
Stillwater
Blaine
Osseo
Park Center
Forest Lake
Cambridge

CENTRAL GOPHER DIVISION

St. Cloud Tech
Alexandria
Little Falls
Apollo
Brainerd
Rocori
Cathedral-St. Cloud
Sartell

MINNESOTA VALLEY DIVISION

Mankato East
Albert Lea
New Ulm
St. Peter
Fairmont
Mankato West
Blue Earth
Alden-Conger
Waseca

POLAR DIVISION

Barnum
Moose Lake
Carlton
Willow River
Askov
Cromwell
McGregor
Wrenshall

Dynamic Southwest Division

Adrian
Hills-Beaver Creek
Worthington
Fulda
Luverne

NORTH SUBURBAN DIVISION

Columbia Heights
Tartan
Mounds View
Irondale
Fridley
Spring Lake Park
White Bear Lake
St. Paul North
Roseville
Chisago Lakes

PRAIRIE DIVISION

Buffalo Lake
Renville
Redwood Falls
Olivia
Fairfax
Maynard
Clara City
Kerkhoven
Hector
Raymond
Bird Island
Cedar Mountain

HIAWATHA DIVISION

Rochester Lourdes
Stewartville
Cotter
Kasson-Mantorville
Lincoln
Pacelli

May 21, 1987

TO: Bob Lacher

FROM: Drv Kaste

SUBJECT: Grant Loan Receipts

The following is a listing of the grant-loans received through various agencies by the Property Services Department.

The following loan-grants were for energy work:

* 1987 Federal Energy Grant through Minnesota Energy Agency (grant)	\$ 25,348.00
1986 Federal Energy Grant through Minnesota Energy Agency (grant)	6,375.00
1985 Federal Energy Grant through Minnesota Energy Agency (grant)	7,450.00
1984 Federal Energy Grant through Minnesota Energy Agency (grant)	10,000.00
1981 National School Energy Task Force (loan)	5,280.00

The following loan-grants were for asbestos abatement:

1987 Environmental Protection Agency (loan)	1,374,168.00
Environmental Protection Agency (grant)	989,191.00
1986 Environmental Protection Agency (loan)	280,592.00
Environmental Protection Agency (grant)	213,408.00

The following grant is for handicapped barrier removal at Senior High:

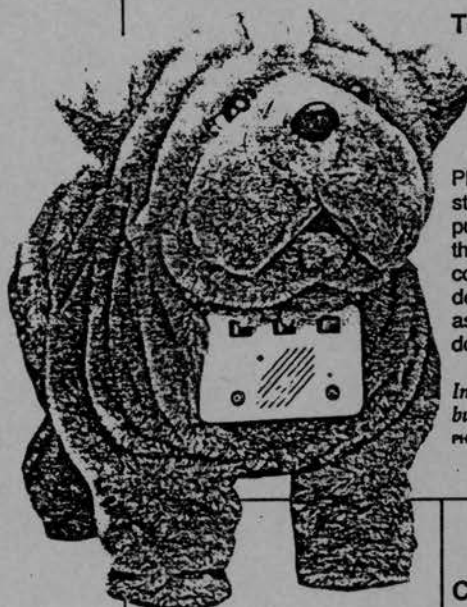
* 1987 Minnesota Department of Education (grant)	20,000.00
--	-----------

The total breakdown of all loans and grants is as follows:

Total Loans	\$1,660,040.00
Total Grants	\$1,271,772.00
TOTAL	<u>\$2,931,812.00</u>

As can be seen the Department has received almost three million dollars in loans and grants over the past six years.

*Indicates two grants that we have just received. We have been informed by telephone of these grants, but are awaiting written confirmation. These have not been brought to the School Board yet.



Toy Guards

That cute toy doggie that Junior is playing with may actually be a burglar alarm. A new line of interactive "smart" toys developed by Phonetica One, Inc., features stuffed animals that walk, bark, purr, dance, sing, giggle, wiggle their ears, and respond to voice commands. But they can also detect motion from as far away as 15 feet, thus enabling them to double as security systems.

Interactive robotic toy doubles as burglar alarm.

PHONETICA ONE, INC.

Comeback for Oyster?

Europe's favorite species of oyster, which was nearly wiped out by disease in the 1970s, may make a comeback, thanks to researchers in Washington state. Ninety percent of the European flat oyster population was devastated in France, the Netherlands, Great Britain, Ireland, and Spain by bonamiasis, a disease spread by a parasite that invades the oyster's blood cells and destroys its immune system. But researchers at Battelle's Marine Research Laboratory in Sequim, Washington, have discovered that European flat oysters cultivated there have developed a resistance to the disease. Eventually, the researchers hope to develop disease-resistant oysters by incorporating resistant genetic material into preferred oyster stocks.

Blood Substitute

A new blood substitute will sustain patients until natural blood can be obtained. The artificial blood, developed by researchers at Technion-Israel Institute of Technology in Haifa, Israel, is compatible with all blood types and carries oxygen just as real blood does. It works up to 72 hours and is intended for use when real blood is unavailable or when circumstances preclude matching blood types. The artificial blood could thus be useful in emergencies or in the event of mass casualties.

Cleaner Hospitals

The AIDS epidemic may make hospitals concentrate even more on keeping facilities sterile, according to a study by Frost & Sullivan, a New York-based market-research firm. Rising numbers of people with AIDS as well as immunosuppressed cancer patients and transplant recipients have increased concern about infections that patients may acquire while in the hospital. Similarly, reports that AIDS might be transmitted through saliva may induce dental labs to upgrade sterilization techniques, contributing to a predicted boom in the market for sterilization products.

Waterbeds for Babies

Waterbeds may help premature babies to grow at a normal rate. Pamela Deiriggi, a West Virginia University professor of nursing, found that premature babies experienced improved sleep, lower activity levels, and lower heart rates on waterbeds, suggesting that over extended periods more energy would be available for growth or weight gain. On waterbeds, babies "relax in a more natural environment . . . Had they not been born early, they would have been floating in utero," says Deiriggi.

For more information, see Sources Tomorrow in Brief on page 45 of this issue.

Predicting Eruptions

Volcanoes are one of nature's mysterious time bombs, but geologists are learning more about how to predict eruptions. A team of British geologists is using gravity-measurement equipment to follow the movements of magma in Poas, a Costa Rican volcano. An eruption of Poas could be of the same magnitude as that of Mount St. Helens in 1980, but "if this volcano goes bang, it won't be a million trees that suffer like at Mount St. Helens; it'll be a million people who live in the central valley of Costa Rica," says geologist Geoff Brown, whose work will be seen on "Volcano," an episode of the PBS television series NOVA, in November. The team will take hundreds of gravity readings around Poas; an abrupt change in the pattern of



GEOFF BROWN / EARTHWATCH
Geologist uses gravity measurement to detect magma flow.

readings may signal an impending explosion in time to save lives.

Nuclear-Accident Simulator

A facility to simulate accidents in nuclear-power plants has opened in Mannheim, West Germany. The facility, part of a joint research project sponsored by West Germany, the United States, and Japan, features the primary cycle of a nuclear plant — without the uranium fuel cells.

Computer Tots

Parents worried about getting their preschoolers ready for the computer age can now get help from *Computers and Small Fries*. This practical guide answers such questions as "When is a child computer ready?" The book offers tips on selecting a "kid-friendly" computer and good software as well as important safety precautions.



Video van is a new mobile communications medium.

MOTOVISION INC.

Video Vans

First there were sound trucks, broadcasting spoken messages on city streets. Now, a New Orleans company has developed a van that can play videos for commercial, political, or other purposes. Featuring an on-board computer, video, music, stereo television, and live-camera ca-

pabilities, the van broadcasts programming on two 45-inch color monitors inset into the sides of the van. The vehicle, developed by MotoVision Inc., can bring video messages to crowds at political rallies, convention sites, airports, sports arenas, or shopping centers.