

Minnesota Attorney General: Administrative Rules Proceedings

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Version 3
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MINNESOTA STATE REGULATIONS

Notice of filing by the Commissioner of Administration

37

We have received on this date, stamped and filed 2 copies of Rules and Regulations pertaining to the Dept. of Education
(Agency or Board)

Regulation No. Chap 13 - Operation of school buses - amended -

Subject: Chap 14 - School Transportation Equip. amended - chapter 10 - Board + lodging - Stds for aid - amended

Department of Administration
Publication, Central Services Division
Documents Section
140 Centennial Office Building
St. Paul, Minnesota 55155
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FILED
RICHARD L. BRUBACHER
Commissioner of Administration

MAR 7 1974

BY Edo Staudenmaier 12 noon
AUTH. SIGNATURE

Stamped and filed with the Secretary of State March 7 - 1974 - 11:15 A.M.

Rev. 9-72

CHAPTER TEN: EDU 180-199

TRANSPORTATION OR BOARD AND LODGING,
STANDARDS FOR AID

Edu 180 Application and Claim.

(a) A district making application for aid for transportation or board and lodging under ~~Extra Session Laws 1959, Chapter 71, Article V, Section 22, 32-33 (M.S. 124.22 and 124.32-33)~~ Laws 1973, Chapter 683, Sections 11 and 12 (M.S. 124.222 and 124.223), for the fiscal year ending June 30, 1975 and each June 30 thereafter, shall ~~apply and~~ report to the state ~~board~~ department of education and all claims submitted shall be postmarked not later than July ~~10~~ 31 after the close of the school term for which aid is claimed in order to qualify for final payment at the regular time.

(b) Each district shall report to the state department of education all claims for the year ending June 30, 1973, consistent with Edu 185. All reports shall be postmarked not later than March 31, 1974. This report shall be the basis of determining the limits to which a district is entitled to state aid for transportation or board and lodging. In the event that a district thereafter provides transportation or board and lodging for which no base cost has been determined, the commissioner shall be responsible for assessing like costs and assigning a base cost to such district.

(c) For the fiscal year ending June 30, 1974, each district shall file a report pursuant to subdivision (a). This report and the year-end reports required in subdivision (a) shall provide the pupil counts on which the following September, December and March payments of 30% will be paid.

~~Edu 181 Application, New Eligible Districts. The board of any school district not receiving transportation aid prior to July 1, 1957 which currently has met the legal requirements for eligibility stated in subdivision 1 of Extra Sessions Laws 1959, Chapter 71, Article V, Section 22 (M.S. 124.22 Subd. 1), viz.: (1) be an independent district, (2) contain not less than 18 sections of land, (3) have suitable school houses with necessary rooms and equipment, (4) be in session at least nine months of the year, shall complete and submit an application not later than August 1 preceding the school year for which reimbursement aid is to be claimed.~~

~~(a) Suitable schoolhouses, definition. "Suitable schoolhouses with necessary rooms and equipment" for the purpose of this regulation means such as to enable the school in the independent district, to which resident pupils and others are transported, to qualify for classification as a graded elementary school, grades 1-6 or 1-8, housed in an approved elementary school building, or housed in an approved building containing the classified graded elementary school and a classified secondary school.~~

~~(b) Required application data. Application shall include:~~

~~(1) Plat (map) of the present school district. Use scale of one inch to one mile or larger.~~

~~(2) Statement from county auditor certifying that plat is correct.~~

~~(3) Alphabetical list of all resident pupils transported with current grade in school and distance to be transported.~~

~~(4) A copy of current transportation contract or contracts for the resident pupils.~~

~~(5) List of districts from which nonresident pupils are transported together with an alphabetical list of names, by districts, of these pupils and their grades in school.~~

~~(6) Statement of enlargement procedure used with effective date or dates of initial independent school district status.~~

Repealed. Reserved for future use.

Edu 182 Certification of Eligible Pupils. No change.

Edu 183 Aid Limitation

(a) No change.

(b) Transportation aid for any eligible pupils will be granted on the authority of only one ~~subdivision~~ clause of ~~Extra Session~~ Laws ~~1959~~ 1973, Chapter ~~71~~ 683, ~~Article V,~~ Section ~~22~~ 12, ~~Subdivision 1, 2*, 3, 4 and 5*, Section 32, Subdivision 3, or Section 33, Subdivision 3~~ Clauses (1), (2), (4), (5) and (6) (M.S. ~~124.22~~ 124.223, ~~Subs. 1-5*, 124.32 Subd. 3, 124.33 Subd. 3~~ Clauses (1), (2), (4), (5) and (6)).

~~*Subds. 2 and 5 repealed, Laws 1965 c 805 s 3.~~

Edu 184 Eligible Pupils ~~Effective July 1, 1971 eligible pupils include:~~

(a) Resident Pupils

(1) ~~Independent and Special districts.~~ Any elementary or secondary pupil for which a school district is ~~who is a resident of an independent or special district~~ entitled to transportation aid under the provisions of Laws 1973, Chapter 683, Section 12 (M.S. ~~124.22~~ 124.223) ~~and resident pupils entitled to transportation under the provisions of M.S. 123.76-123.79. (See section Edu 181.)~~ and Sec. 16, Subd. 6 (M.S. 124.32, Subd. 6.)

~~(1)~~(aa) ~~Every such~~ Each eligible pupil transported pursuant to Laws 1973, Chapter 683, Section 12(1) (M.S. 124.223(1)), to be included for transportation ~~reimbursement~~ aid, shall reside a walking distance of one mile or more from the school building attended or which could be attended, ~~as provided by M.S. 124.22~~ but in the case of a private school only to the extent permitted by M.S. 123.76 to 123.79 with respect to private school pupils.

~~(2) Eligibility of any pupil who is a resident of a district defined in "a" above shall continue unaffected by any later reorganization of the district or incorporation of the area.~~

~~(b) Any isolated pupil in the elementary grades ... Repealed, Laws 1965 Chapter 805 Section 3.~~

~~(c) Any handicapped child, as defined in Extra Session Laws 1959, Chapter 71, Article I, Section 3, Subdivisions 1, 2, and 5 (M.S. 120.03 Subds. 1-3), approved by the state board of education for enrollment in special education classes or programs who due to his physical or mental condition cannot be transported on a regular school bus but must be provided special transportation (Extra Session Laws 1959 Chapter 71, Article V, Section 22, Subdivision 3) M.S. 124.22 Subd. 3).~~

~~(d) Any trainable child, as defined in Extra Session Laws 1959, Chapter 71, Article I, Section 4 (M.S. 120.04), approved by the state board of education for enrollment in special education classes or programs (Extra Session Laws, 1959, Chapter 71, Article V, Section 33, Subdivision 3) (M.S. 124.33 Subd. 3).~~

~~(e)~~ (2) Any secondary pupil or an area vocational-technical school pupil, who is a resident of a district not maintaining a secondary school or area vocational-technical school or vocational classes and is transported to a district having a classified secondary or area vocational-technical school or vocational classes at the expense of the resident district.

~~(f) Closed school district pupils, transportation...Repealed, Laws 1965 Chapter 805, Section 3.~~

(3) Any elementary pupil for whom the commissioner has determined that transportation is necessary because of extraordinary traffic hazards, subject to such budget limitations as are imposed by current legislation.

(b) Full-time equivalents.

For purposes of establishing base costs per pupil and for paying transportation liabilities of the state pursuant to M.S. 124.222 and 124.223, equivalent pupil units shall be computed (to the nearest .01).

(1) For regular transportation of children pursuant to M.S. 124.223(1) and (2), no pupil transported less than 20 days in a school year shall be counted.

(2) For transportation of children to a secondary vocational center pursuant to clause (a)(2) of this section or M.S. 124.223(3), each pupil transported 20 or more days shall be counted according to term of enrollment as follows:

Half-semester	1/4	full-time	equivalent	pupil	
Quarter	1/3	"	"	"	"
Semester	1/2	"	"	"	"
Regular School Year	1	"	"	"	"

(3) For transportation of handicapped children pursuant to M.S. 124.223 (4), (5) and (6), the number of full-time equivalent pupils shall be the sum of the number of days in attendance and transported for each child divided by 175 with no ratio to exceed one.

(4) For board and lodging, pursuant to M.S. 124.223(2) and (4), the same rule applies as in sub-clause (3) above.

(5) For summer school transportation, pursuant to M.S. 124.223(7), a pupil other than a handicapped child shall be counted one-sixth of a full-time equivalent pupil.

(6) For summer school transportation of handicapped children, pursuant to M.S. 124.223(7), the rules in clauses (3) and (4) above will apply.

(7) Summer school pupils are counted with the pupils in the following school year.

Edu 185 Determination of Costs

(a) In determining transportation costs to be used by any district as the basis for ~~reimbursement claims~~ state aids, the following shall apply:

(1) ~~Cost~~ Actual cost means the ~~actual~~ net operating cost ~~including actual depreciation~~, per eligible pupil transported ~~to the school attended and is to be based upon the total days transported.~~ or given board and lodging. Basic cost is such cost in a given category for the 1972-73 year. Current cost is such cost in a given category for the year of payment. The categories of cost are the same as listed in Edu 184(b) except that transportation to vocational centers within a district shall have no basic cost. The commissioner shall establish a basic cost for such transportation and for any other category for which a district had no experience in 1972-73.

(aa) For any current year, the amount of state aid to be paid to a district other than St. Paul and Minneapolis will be (1) the actual cost per full-time equivalent pupil or (2) the basic cost per full-time equivalent pupil augmented as provided in law, whichever is smaller, reduced by the amount of one mill (.001) times adjusted assessed valuation of the district. In Minneapolis and St. Paul, the state aid to be paid is equal to 80% of the actual cost per full-time equivalent pupil or the basic cost per full-time equivalent pupil augmented as provided in law, whichever is smaller.

(bb) Payments of 30% of transportation aid are made to a district in September, December and March based on the full-time equivalent pupils transported the previous year. The amount to be paid is the basic cost per full-time equivalent pupil augmented as provided in state law. If no maximum is indicated, payments per pupil shall not exceed 5% over the previous year. If the cost of transportating children is increasing greatly due to increased enrollment or new or expanded programs, the commissioner may authorize the payment of aids on a larger number of full-time equivalent pupils.

(cc) In August following the current year, a final payment shall be made based on current year full-time equivalent pupils and costs as provided in clause (a) less previous payments made.

~~(2)~~(b) In addition to the transportation costs, depreciation aid shall be paid to each eligible district. Depreciation shall be ~~straight line depreciation~~ calculated at ten percent per school year in each year of the ten following the year of purchase ~~and shall be included as part of the allowable reimbursement, but the aggregate of the approved annual claims for depreciation~~ on each school bus of more than ~~twelve~~ sixteen passenger capacity covered by the minimum conventional school bus standards. ~~shall not exceed eighty percent of the initial cost of the bus.~~

Such depreciation aids shall be paid in a lump sum in the month of September. For purposes of transportation levies, the last available depreciation amount shall be used.

~~(aa)~~(1) The conventional type, forward control and pusher type vehicles which conform to the established state minimum standards are eligible to earn depreciation aid in accordance with the rules established by the state board of education. ~~Such eligibility shall be retroactive to July 1, 1966.~~

~~(bb)~~(2) Remounted school bus body and chassis units shall not be eligible for depreciation aid. Exceptions may be made by the commissioner of education when it is determined that the safety of the unit is not adversely affected.

~~(3) To avoid duplicate claims by school districts for the same pupil, claims for reimbursement aid for resident pupils shall be submitted only for pupils who have been transported twenty or more days.~~

~~(4) When pupils eligible for reimbursement aid under different subdivisions of the transportation aid laws are transported on the same school bus, the cost to be used for determining maximum allowable reimbursement aid shall be prorated on the basis of the average cost per pupil conveyed on that bus.~~

(c) Whenever the commissioner determines from an application made by a school district in a form prescribed by the commissioner that transportation is necessary for an otherwise ineligible elementary pupil because of extraordinary traffic hazards, he may authorize aids to be paid to such district for the transportation of such child. Authorization for transportation for this purpose shall not exceed the amount prescribed by law.

~~(5)~~(d) When two or more children from the same family residence are transported by the parent or guardian to the same school in a family vehicle, cost for ~~reimbursement~~ state aid purposes is to be calculated on the basis of one child only.

~~(b)~~(e) ~~Reimbursement claims submitted~~ Claims for aid which involve duplication of state funds to be paid for any pupil transported will not be approved.

(f) Any district in which pupils receive transportation between school buildings within the district for instructional purposes may receive transportation aid if a plan for the program and required transportation is submitted to and approved by the commissioner of education. The amount of such aid shall be specified by the commissioner upon consideration of a proposed budget. All plans and applications must be submitted to the commissioner for approval prior to July 1 of the fiscal year in which the plan is to be placed in effect. It shall be necessary to renew the plan each year with budget and other modifications as warranted in order to continue the plan.

~~(c)~~(g) All extracurricular and other special trips, not involving transportation from home to school or special education facility and return or from school to a vocational center or special education facility and return and not ~~reimbursable from~~ eligible for state ~~funds~~ aids, shall be accounted for, as to the number of miles traveled, number of resident pupils involved, and total cost for such trip or trips, by ~~each~~ the board of ~~any~~ each school district from which such ~~nonreimbursable~~ trips not authorized by M.S. 124.223 are made during the year.

(h) Notwithstanding any rule to the contrary, handicapped children may be transported beyond school district boundaries if the district school board deems that such transportation is educationally necessary.

(i) Districts which are responsible for the education of handicapped children residing in state institutions shall provide the necessary transportation and collect the transportation aids for all such pupils regardless of the district of residence pursuant to Laws 1973, Chapter 683, Section 16 (M.S. 124.32, Subd. 6.)

Edu 186 Transportation Contracts. No change.

Edu 187 Bus Rental Contracts. No change.

Edu 188 Commissioner's Rules, Transportation Contracts. No change.

Edu 189 Planning Detail, Records. The school board in making arrangements for pupil transportation to and from school shall determine and maintain supporting records of the following, when applicable:

(a) ~~Course~~ Routes of the regular and special school buses ~~routes~~.

(b) Location of regular and special school bus loading areas.

(c) Time schedule for all school bus routes.

(d) Any changes to be made in school bus routes during the school year and the giving of adequate notice thereof.

(e) ~~Whether~~ Evidence that all bus drivers are legally qualified.

(f) ~~The establishment of local~~ Local pupil transportation policies.

(g) The distance each pupil transported resides from the school attended or if nonpublic the district line to which transported.

Edu 190 Regulations Relating to Equal Transportation

(a) Policy Statement. In accordance with ~~Laws 1969, Chapter 570 (codified as Minn. Stat. Sec.~~ 123.76-123.79~~)~~, it is the policy of the state board of education that school districts provide free and equal transportation for all school children of the state. ~~residing in school districts which are eligible for state reimbursement for transportation cost pursuant to Minn. Stat., Chapters 123, and 124.~~

(b) Pursuant to the policy set out in Edu 190(a), the state board of education:

(1) shall provide transportation aid ~~in the form of reimbursement~~ in accordance with ~~Minn. Stat. Sec. 124.22~~ Edu 180 through Edu 199 for transportation provided by the school board for resident pupils to and from eligible schools located within the district.

(2) shall provide transportation aid ~~in the form of reimbursement~~ in accordance with ~~Minn. Stat. Sec. 124.22~~ Edu 180 through Edu 199 for transportation provided by the school district for resident pupils attending eligible schools located outside of the district, provided that the ~~reimbursement~~ aid shall be for only so much of the trip as is within the district of residence and, provided further that transportation aid may only be provided for such pupils within the limits specified in Edu 190(c).

(3) shall not provide transportation aid where a school district elects to provide transportation for non-resident pupils to a school or schools within its district.

(4) shall not provide transportation aid where a school district elects to provide transportation for non-resident pupils through its district enroute to a school located in another district.

(c) No change.

(d) No change.

(e) The school board of the district of residence may make contractual arrangements with private bus operators, non-public schools, public transit operators, parents, and/or other school districts for the transportation of school pupils for any portion of the pupils' trip to or from school, provided that the board ascertains that it is only paying for and claiming state ~~reimbursement~~ aid for that portion of the trip that is within the district of residence.

(1) No change.

APPROVED AS TO FORM AND LEGALITY

March 7 19 74

WARREN SPANNAUS, ATTORNEY GENERAL

BY Michael B Miller

SPECIAL ASSISTANT ATTORNEY GENERAL

FILED
RICHARD L. BRUBACHER
Commissioner of Administration

MAR 7 1974

BY Edo Stendenmaier
AUTH. SIGNATURE 12 noon

STATE OF MINNESOTA
DEPARTMENT OF STATE
FILED
MAR 7 - 1974 11:15 am
Arlen I. Erdahl
Secretary of State

MINNESOTA REGULATIONS EDU

Proposed Amendments and Proposed New Regulations
for Public Hearing, December 8, 1973

NOTE: Changes or additions indicated by underlining; deletions by ~~strikeouts~~.

CHAPTER THIRTEEN: EDU 240-259

RULES, OPERATION OF SCHOOL BUSES

EDU 240 Operation of Type I School Buses Carrying More Than ~~12~~ 16 Pupil Passengers ~~(Effective date: July 1, 1970.)~~

The operating rules stated in the following subdivisions shall govern the operation of Type I school buses used for the transportation of school children when owned and operated by a school district or privately owned and operated under a contract with a school district.

(a) No change.

(b) All buses shall load and unload in the right lane of the roadway, at pupil stops on bus routes approved by the Administrative Officer. ~~In no event shall buses~~ Loading or unloading in a Designated Turn Lane or in a lane immediately adjacent to a Designated Turn Lane is prohibited.

(c) No change.

(d) Instruction in safe riding practices and ~~Safety~~ safety drills for the pupil passengers, using the entrance door and the emergency exit door, shall be conducted at least twice a year under the direction or supervision of the administrative officer.

(e) No change.
(f) No change.
(g) No change.
(h) No change.

(i) The Driver:

(1) Shall bring the bus to a full stop and disengage gears by shifting ~~gear shift lever~~ into NEUTRAL or PARK ~~position~~ before loading and unloading pupils.

(2) Shall use the pre-warning amber flashing signals, flashing red signals, and stop signal arm ~~and flashing red signals~~ in accordance with M.S. 169.44.

(3) Shall stop at all railroad crossings whether carrying passengers or not in accordance with M.S. 169.28. 8-Lamp pre-warning alternately flashing amber signals and flashing red stop signals shall not be used at railroad crossings.

A school bus shall not be flagged across railroad grade crossings except at such railroad grade crossings as the local school administrative officer may designate.

Flagging shall be done in the following manner: No change.

(4) No change.
(5) No change.
(6) No change.

(j) No change.
(k) No change.

~~(l)~~ (n) (1) recoded as (n)

(1) TIRE REQUIREMENTS (Applies to all TYPES of vehicles.)

(1) Front wheels

(aa) No recapped tires shall be used . . . M.S. 169.44, Subd. 11.

(bb) Tire tread depth shall not be less than 4/32 inch in any two adjacent major tread grooves at three equally spaced intervals around the circumference of the tire.[1]

(2) Rear wheels

(aa) Recapped tires permitted on rear wheels.

(bb) Tire tread depth shall not be less than 2/32 inch in any two adjacent major tread grooves at three equally spaced intervals around the circumference of the tire.[1]

(3) All Wheels: Not acceptable if:

(aa) Tire regrooved or recut below original groove depth when extra under-tread rubber was not provided for this purpose.[1]

(bb) Tire has unrepaired fabric break or was repaired by use of a boot or blowout patch.[1]

(cc) Tire has a bump, bulge, knot or separation.[1]

(dd) Tire has exposed or damaged body cords.[1]

(ee) Tire has reinforcement repair to the cord body.[1]

(m) A daily pretrip inspection shall be conducted on every school bus. Any defects or deficiencies that may affect the vehicle's safe operation or result in a mechanical breakdown shall be promptly reported in writing to the administrative officer.

(n) No change.

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[1]USA Standard Inspection Procedures for Motor Vehicles, USAS D 7.1-1968. Issued by United States of America Standards Institute, 1430 Broadway, New York, N.Y. 10018

EDU 241 Operation of ~~Small Vehicles: Automobiles, Station Wagons, Carryalls, Suburbans,~~ Type III School Buses Carrying ~~12~~ 16 or Less Pupil Passengers. ~~(Effective date: July 1, 1970)~~ (Includes automobiles, stationwagons and other vehicles designed for carrying 9 or less.)

The operating rules stated in the following subdivisions shall govern the operation of ~~small vehicles~~ Type III school buses used for the transportation of school children ~~in regular routes to and from school~~ when owned and operated by a school district or privately owned and operated under a contract with a school district.

(a) No change.

(b) The Driver:

~~(1) Shall bring the vehicle to a full stop and disengage gears by shifting gear shift lever into neutral position or selector into neutral or park position before loading or unloading pupils.~~

(1) SHALL NOT operate vehicle as a Type I or Type II bus.

(aa) SHALL NOT stop traffic.

(bb) SHALL NOT load or unload in a vehicular traffic lane or on the shoulder. SHALL BE restricted to curb, non-traffic side (normal parking lane), off street loading areas, driveways, yard service, and other areas to avoid any hazardous conditions.

(cc) SHALL NOT load~~ing~~ or unload~~ing~~ in the right hand lane of the roadway, designated turn lane, or lane immediately adjacent to a designated turn lane. ~~is prohibited.~~

(dd) SHALL NOT load or unload so that a child has to cross the road. Where not possible or impractical, the driver or aide shall personally escort the child across the road. If driver escorts, the motor must be stopped, ignition key removed, brakes set and vehicle otherwise rendered immobile.

~~(2) Shall use the alternately flashing amber signals and display school bus sign in accordance with M.S. 169.44. (Required only on vehicles operating outside of an incorporated municipality).~~

(ee) SHALL NOT load or unload before making a complete stop and disengaging gears by shifting into NEUTRAL or PARK.

~~(3) Shall stop at all railroad crossings whether carrying passengers or not when school bus sign is displayed in accordance with M.S. 169.38.~~

(2) SHALL NOT operate as a school bus, whether carrying pupil passengers or not, without displaying the "Vehicle Stops At RR Crossings" sign and stopping at all railroad crossings. See Edu 264, (2), (bb). Sign may be covered or removed when vehicle is not operating as a school bus.

~~(4) Shall load or unload pupils only where the view is unobstructed to the motorist for 500 feet in either direction, clear of the main traveled portion of the roadway, on the non-traffic side of the vehicle, and where no other hazardous conditions exist.~~

~~NOTE:~~ Note recoded as (1)(cc)

~~(5) Shall load or unload in such a manner, except where impractical, that the child need not have to cross the road. When a child must cross the road, it is the responsibility of the driver to escort the child across the roadway after first stopping the motor, removing the ignition key, setting the brakes, and otherwise rendering the vehicle immobile.~~

(c) No change.

~~(New Edu 241. Approved and filed March 5, 1970)~~

Edu 242-259 Reserved for future use.

Proposed Amendments and Proposed New Regulations
for Public Hearing, December 8, 1973

NOTE: Changes or additions indicated by underlining; deletions by ~~strikeouts~~.

CHAPTER FOURTEEN: EDU 260-279

DESIGN OF SCHOOL TRANSPORTATION EQUIPMENT, STANDARDS

EDU 260 DESIGN, GENERAL. No change.

(a) No change.

EDU 261 SCHOOL BUS CHASSIS. No change.

(a) AIR CLEANER. No change.

(b) AXLES. No change.

(c) BATTERY. No change.

(d.1) BRAKES. No change.

(d.2) THE FOLLOWING PROVISIONS FOR BRAKES SHALL SUPERSEDE THOSE SHOWN ON ALL SCHOOL BUS CHASSIS MANUFACTURED AFTER JANUARY 1, 1968. No change.

(e.1) BUMPER, FRONT. No change.

(e.2) BUMPER, REAR. No change.

(f) CERTIFICATION. No change.

(g) CLUTCH. No change.

(h) COLOR.

(1) BUSES NOW IN SERVICE (Manufactured prior to June 2, 1973. See M.S. 169.44, Subd. 7.)

(aa) Chassis, including wheels, front fenders and front bumper, shall be black; hood and cowl shall be in Minnesota School Bus Golden Orange, Dupont # 1051 or its approved equal.

.1 OPTION: Front fenders may be painted golden orange or glossy black.

.2 OPTION: The following may be other than orange or black:

Wheel rims
Chassis grills
Mirror backs, rims and mounting brackets
Reflector housings
Window frames
Accessories and other minor trim items, See BODY COLOR, Edu 262(h).

(2) NEW BUSES (Manufactured after June 1, 1973. See M.S. 169.44, Subd. 7.)

(aa) Chassis including front bumper and wheels shall be painted glossy black, color 17038; hood and cowl shall be painted National school bus Glossy Yellow, color 13432, except that the hood shall be either that color or lusterless black, color 37038.

.1 OPTION: Front fenders may be painted glossy yellow or glossy black.

.2 OPTION: The following may be other than yellow or black:

Wheel rims
Chassis grills
Mirror backs, rims and mounting brackets
Reflector housings
Window frames
Accessories and other minor trim items, See BODY COLOR, Edu 262(H).

(i) COOLING SYSTEM. No change.

(j) DRIVE SHAFT. No change.

(k) ELECTRICAL SYSTEM. No change.

(l) EXHAUST SYSTEM. No change.

(m) FENDERS, FRONT. No change.

(n) FRAME. No change.

(o) FRAME LENGTHS. No change.

(p) FUEL TANK. No change.

(q) GENERATOR OR ALTERNATOR. No change.

(r) GOVERNOR. No change.

(s) HEATING SYSTEM. No change.

(t) HORN. No change.

(u) INSTRUMENTS AND INSTRUMENT PANEL. No change.

(v) OIL FILTER. No change.

(w) OPENINGS. No change.

(x) PASSENGER LOAD. No change.

(y) POWER AND GRADEABILITY. No change.

(z.1) SHOCK ABSORBERS. No change.

(z.2) SPRINGS. No change.

(z.3) STEERING GEAR. No change.

(z.4) TIRES AND RIMS. No change.

(z.5) TRANSMISSION. No change.

(z.6) UNDERCOATING AND/OR RUST PROOFING. No change.

(z.7) WEIGHT DISTRIBUTION. No change.

(z.8) WHEELS. No change.

(z.9) WARRANTY. No change.

EDU 262 SCHOOL BUS BODY

(a) AISLE. No change.

(b) BATTERY. No change.

(c) BODY SIZES. No change.

(d) BOOK RACKS. No change.

(e.1) BUMPER, FRONT. No change.

(e.2) BUMPER, REAR. No change.

(f) CEILINGS. No change.

(g) CHAINS. No change.

(h) COLOR

(1) BUSES NOW IN SERVICE (Manufactured prior to June 2, 1973. See M.S. 169.44, Subd. 7.)

(aa) School bus body including hood and cowl shall be painted uniform color, Minnesota School Bus Golden Orange, Dupont 1051 or its approved equal, according to specifications available from General Service Administration.

.1 RUB RAILS. A minimum of three shall be black.

.2 Rear bumper, rear fenders (if used) and lettering shall be black. See IDENTIFICATION, APPROVED LETTERING: Edu 262(r)(2) and M.S. 169.44, Subd. 3.

.3 OPTION: Belt line may be orange with black lettering or may be black with orange lettering. See IDENTIFICATION, APPROVED LETTERING: Edu 262(r)(2) and M.S. 169.44, Subd. 3.

.4 OPTION: Front fenders may be painted orange or glossy black.

.5 OPTION: The following may be other than orange or black:

Wheel rims
Chassis grills
Mirror backs, rims and mounting brackets
Reflector housings
Window frames
Accessories and other minor items.
See CHASSIS COLOR, Edu 261(h).

(2) NEW BUSES (Manufactured after June 1, 1973. See M.S. 169.44, Subd. 7.)

(aa) Body including hood and cowl shall be painted national school bus glossy yellow, color 13432, except that the hood shall be either that color or lusterless black, color 37038.

.1 RUB RAILS. A minimum of three shall be black.

.2 Rear bumper, rear fenders (if used) and lettering shall be black. See IDENTIFICATION, APPROVED LETTERING: Edu 262(r)(2) and M.S. 169.44, Subd. 3.

.3 OPTION: Belt line may be yellow with black lettering or may be black with yellow lettering. See IDENTIFICATION, APPROVED LETTERING: Edu 262(r)(2) and M.S. 169.44, Subd. 3.

.4 OPTION: Front fenders may be painted glossy yellow or glossy black.

.5 OPTION: The following may be other than yellow or black:

Wheel rims
Chassis grills
Mirror backs, rims and mounting brackets
Reflector housings
Window frames
Accessories and other minor trim items.
See CHASSIS COLOR, Edu 261(h).

(i) CONSTRUCTION. No change.

(j) DEFROSTERS. No change.

(k) DOORS

(1) Service door: No change.

(2) Emergency door and emergency window:

(aa) Emergency door shall be located in center of rear end of bus or in rear half of left side of bus. ~~if engine is so located as to make it impossible to place door in center of rear end.~~

(bb) No change.
(cc) No change.
(dd) No change.
(ee) No change.
(ff) No change.
(gg) No change.
(hh) No change.
(ii) No change.
(jj) No change.

(l) EMERGENCY WINDOW. No change.

(m) FIRE EXTINGUISHERS. No change.

(n) FIRST AID KIT

(1) Bus shall carry a removable Grade A metal dust-proof first aid kit, mounted in full view or labeled and in accessible place in driver's compartment.

(2) Required units and required packages per unit

First Aid Kit is to have:

10 units for ~~small~~ TYPE II and TYPE III vehicles of ~~12~~ 16 or less capacity.

24 units for ~~school~~ TYPE I buses with passenger capacity in excess of ~~12~~ 16 and up to and including 42 passengers.

36 units for ~~school~~ TYPE I buses of passenger capacity in excess of 42.

Unit Size	Item	Required Packages 10 Unit	24 Unit	36 Unit
1	Compress Bandage, 4 inch	~~1~~ 2	~~2~~ 6	~~4~~ 8
1	Compress Bandage, 2 inch	1	~~1~~ 3	~~3~~ 7
1	Adhesive Compress, 1 inch	2	2	4
1	Triangular Bandage, 40 inch with 2 safety pins	1	2	4
1	Gauze Bandage, 4 inch	-	2	~~2~~ 4
1	Absorbant Gauze Compress	-	2	2
	~~Burn Ointment, 1/8 oz.~~	~~1~~	~~1~~	~~1~~
	~~Burn Ointment, 5/8 oz.~~	-	~~1~~	~~2~~
	~~Iodine applicator or applicator of other antiseptic solution of at least equivalent bacteriological properties~~	~~1~~	~~3~~	~~4~~
	~~Ammonia Inhalants~~	~~1~~	~~1~~	~~2~~
	~~Ammonia Ampoules~~	-	~~1~~	~~2~~
1	Gauze Compress, 24 x 72 in.	1	2	2
1	Padded Tongue Blades	1	1	1
2	Adhesive Tape, 1 inch x 2½ yards	1	1	1
1	Wire Splint	-	2	2
	~~Tourniquet and Forceps~~	~~1~~	~~2~~	~~2~~

(o) FLOOR. No change.

(p) FLOOR COVERING. No change.

(q) HEATERS. No change.

(r) IDENTIFICATION. No change.

(s) INSIDE HEIGHT. No change.

(t) INSULATION. No change.

(u) INTERIOR. No change.

(v) LAMPS AND SIGNALS. (NEW BUSES ONLY) Factory Installation of 8-Lamp Alternately Flashing Warning Signal System manufactured after the effective date of these regulations shall comply with the following:

(1) All lamps ~~and their installation~~ on exterior of vehicle shall conform ~~to current standards and recommended practices of Society of Automotive Engineers~~ with and be installed as required by Federal Motor Vehicle Safety Standard 108; Minnesota Statutes 169.49 to 169.70; and current Minnesota approved motor vehicle equipment (department of ~~highways~~ public safety).

~~(2) Head lamps: Bus shall be equipped with head lamps.~~

~~(3) Clearance and side marker lamps: Clearance and side marker lamps (amber at front, red at rear) shall be mounted as high as possible on permanent structure of bus and in such manner as to indicate extreme width of body. Clearance lamps and side marker lamps may be in combination.~~

~~(4) Tail and stop (brake) lamps:~~

~~(aa) Bus shall be equipped with two tail lamps and two stop (brake) lamps not in combination, emitting red light plainly visible for distance of 500 feet to rear.~~

~~(bb) Tail lamps shall be mounted not less than 40 inches from surface on which vehicle stands. Stop (brake) lamps shall be as high as practicable but below window line, and spaced as far apart laterally as practicable but not less than 8 feet. Measurements shall be taken from lamp centers.~~

~~(5) License plate lamp: Bus shall be equipped with rear license plate illuminator. This lamp may be combined with one of the tail lamps.~~

~~(6)~~ (2) Interior lamps: Interior lamps shall be provided which adequately illuminate aisle and step well.

~~(7)~~ (3) School bus alternately flashing amber and red signal lamps: Definition: School bus alternately flashing red signal lamps mounted at same horizontal level, intended to identify vehicle as school bus and to inform other users of highway that such vehicle is about to stop ~~stopped~~ or is ~~about to stop~~ stopped on roadway to take on or discharge school children.

~~(aa) Bus shall be equipped with two red lamps at rear of vehicle and two red lamps at front of vehicle, which shall be controlled by manually actuated switch and when actuated shall flash alternately at rate of 60 to 120 cycles per minute. "On" period shall be long enough to permit bulb filament to come up to full brightness. No brake operated switch shall be permitted.~~

(aa) Each school bus shall be equipped with a system consisting of four red signal lamps designed to conform to SAE Standard J887, "School Bus Red Signal Lamps," and four amber signal lamps designed to that standard, except for color, and except that their candlepower shall be at least 2½ times that specified for red signal lamps. Both red and amber signal lamps shall be installed in accordance with SAE Standard, J887, except that each amber signal lamp shall be located near each red signal lamp, at the same level, but closer to the vertical centerline of the bus.

~~(bb) There shall be visible or audible means of giving clear and unmistakable indication to driver when signaling system is turned on.~~

(bb) The system shall be wired so that the amber signal lamps are activated only by hand operation, and if activated, are automatically deactivated and red signal lamps are automatically activated when the bus entrance door is opened. Right and left signal lamps shall flash alternately. Each signal lamp shall flash not less than 60 nor more than 120 flashes per minute. The "on" period shall be long enough to permit bulb filament to come up to full brightness. No brake operated switch shall be permitted.

.1 There shall be a red pilot lamp which shall go on when the respective amber or red systems are actuated. The pilot shall either go out or flash at an altered rate in the event the system is not functioning normally.

OPTION: Mobilflash Mark IV, as modified and approved for use in Minnesota, or its approved equal. Control box panel contains switches and red OFF/ON pilot lamp located in conformance with diagram below in addition to 8 indicator lights.

.2 Signal lamp system shall include a separate closed control box. The box shall be constructed as small as practical, easily demounted or partially disassembled to provide simple access for maintenance purposes. Switches and red pilot lamp shall be located in conformance with diagram below.



CONTROL BOX PANEL

.3 The control box shall be securely mounted to the right of the steering wheel, in the near proximity of the entrance door control, within easy unobstructed reach of the driver. Switches and pilot lamp shall be readily visible to the driver. The activating switch may be self illuminated (Glow Type).

(cc) Signal lamp system and stop arm shall operate as follows:

NOTE: Stop signal arm shall be of an automatic type. It shall automatically extend and retract in conjunction with the alternately flashing red lights and shall be activated and deactivated by the entrance door switch.

.1 With master switch on, entrance door closed, depress hand switch. Red pilot lamp and amber signals shall go on.

.2 Open entrance door. Pilot lamp and amber signal lamps shall go off, and pilot lamp and red signal lamps shall go on. Stop arm shall automatically extend.

.3 Close entrance door. Red pilot and signal lamps shall go off and stop arm shall automatically retract.

.4 Open entrance door without depressing hand switch. Red pilot lamp and red signal lamps shall go on. Stop arm shall automatically extend.

.5 With master switch off, depressing hand switch shall not actuate the amber signal system, nor will opening entrance door actuate the red signal system and stop arm.

~~(cc)~~ (dd) (cc) now recoded as (dd) Installation ~~recommendations~~ requirements:

.1 Each alternately flashing signal lamp shall be mounted with its axis substantially parallel to longitudinal axis of vehicle.

.2 Front and rear alternately flashing signal lamps shall be spaced as far apart laterally as practicable. ~~but in no case shall spacing between lamp centers be less than 40 inches.~~

.3 Alternately flashing signal lamps shall be mounted at the front on same horizontal center line and above windshield, and at the rear on the same horizontal center line so that the lower edge of lens is not lower than top line of side window. ~~opening.~~

~~.4 Vision of front signal lamp to front, and rear signal lamp to rear, shall be unobstructed by any part of vehicle from 5 degrees above to 10 degrees below horizontal and from 30 degrees to right and 30 degrees to left of center line of vehicle.~~

.4 Vertical and lateral vision of the front and rear alternately flashing warning lamps shall not be obstructed by any part of the body or lamp-house insofar as standard bus body construction will permit.

.5 Area around lens of each alternately flashing ~~red~~ signal lamp and extending outward approximately 3 inches shall be painted black. In installations where there is no flat vertical portion of body immediately surrounding entire lens of lamp, circular or square band of black approximately 3 inches wide, immediately below and to both sides of lens, shall be painted on body or roof area against which signal lamp is seen (from distance of 500 feet along axis of vehicle).

~~.6 Each lamp shall be mounted with its aiming plane vertical and normal to the vehicle axis.~~

.6 A separate fuse or circuit breaker, adequate to prevent damage to the system in the event of a dead short, shall be provided between the power source and the master switch.

~~.7 These lamps shall be Cats Eye 160 series or approved equal ("Broad Beam" type red lens). Flashing mechanism for these lamps shall be ambulance type thermal unit -- McDermett multipulse, or motorized alternate flashing unit, or approved equal. (See M.S. 169.45 and "Current Minnesota Approved Motor Vehicle Equipment," -- Department of Highways.)~~

.7 All wiring from alternately flashing signal lamps to the door switch shall be at least 10 gauge. All other wire shall be a minimum of 14 gauge.

~~48)~~ (5) (8) recoded as (5)

~~49)~~ (6) (9) recoded as (6)

(4) LAMPS AND SIGNALS. (BUSES NOW IN SERVICE) Conversion Installation of 8-Lamp Alternately Flashing Warning Signal System. "Effective Date: August 1, 1974."

Type I school buses (carrying more than 16 pupil passengers) which were manufactured and in service prior to the effective date of these regulations and not equipped with an 8-Lamp system shall comply with the following:

(1) School bus alternately flashing amber and red signal lamps: Definition: School bus alternately flashing signal lamps are lamps mounted at the same horizontal level, intended to identify vehicle as school bus and to inform other users of highway that such vehicle is about to stop or is stopped on roadway to take on or discharge school children.

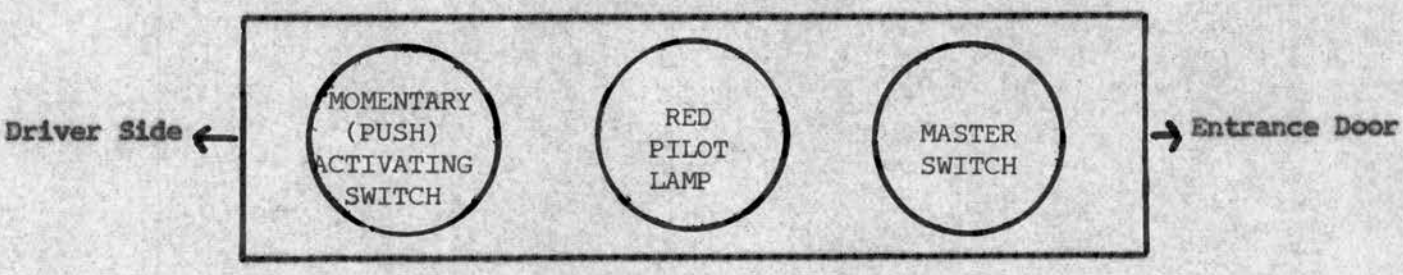
(aa) Each school bus shall be equipped with a system consisting of four red signal lamps designed to conform to SAE Standard J887, "School Bus Red Signal Lamps," July 1964, and four amber signal lamps designed to that standard, except for color, and except that their candlepower shall be at least 2½ times that specified for red signal lamps. Both red and amber signal lamps shall be installed in accordance with SAE Standard, J887, except that each amber signal lamp shall be located near each red signal lamp, at or near as practicable to the same level, but closer to the vertical centerline of the bus.

(bb) The system shall be wired so that the amber signal lamps are activated only by hand operation and, if activated, are automatically deactivated and red signal lamps are automatically activated when the bus entrance door is opened. The flashing mechanism shall be capable of carrying the full current load of the signal system. Right and left signal lamps shall flash alternately. Each signal lamp shall flash not less than 60 nor more than 120 flashes per minute. The "on" period shall be long enough to permit bulb filament to come up to full brightness. No brake operated switch shall be permitted.

.1 There shall be a red pilot lamp which shall go on when the respective amber or red systems are actuated. The pilot shall either go out or flash at an altered rate in the event the system is not functioning normally.

OPTION: Mobilflash Mark IV, as modified and approved for use in Minnesota, or its approved equal. Control box panel contains switches and red OFF/ON pilot lamp located in conformance with diagram below in addition to 8 indicator lights.

.2 Signal lamp system shall include a separate closed control box. The box shall be constructed as small as practical, easily demounted or partially disassembled to provide simple access for maintenance purposes. Switches and red pilot lamps shall be located in conformance with diagram below.



CONTROL BOX PANEL

.3 The control box shall be securely mounted to the right of the steering wheel, in the near proximity of the entrance door control, within easy unobstructed reach of the driver. Switches and pilot lamp shall be readily visible to the driver. The activating switch may be self illuminated (Glow Type).

Buses equipped with an 8-Lamp system prior to the effective date of these regulations shall be exempt from Edu 262(3), (bb), items (.1)(.2)(.3).

(cc) Signal lamps system and stop arm shall operate as follows:

Stop arms presently air or vacuum operated shall be converted to operate automatically in conjunction with the red signal lamps. Manual stop arms not required to be converted.

.1 With master switch on, entrance door closed, depress hand switch. Red pilot lamp and amber signals shall go on.

.2 Open entrance door. Pilot lamp and amber signal lamps shall go off and pilot lamp and red signal lamps shall go on. Stop arm, if air or vacuum, shall automatically extend.

.3 Close entrance door. Red pilot and signal lamps shall go off and stop arm, if air or vacuum, shall retract automatically.

.4 Open entrance door without depressing hand switch. Red pilot lamp and red signal lamps shall go on. Stop arm, if air or vacuum, shall automatically extend.

.5 With master switch off, depressing hand switch shall not actuate the amber signal system, nor will opening entrance door actuate the red signal system and stop arm.

(dd) Installation requirements:

.1 Each flashing signal lamp shall be mounted with its axis substantially parallel to longitudinal axis of vehicle.

.2 Front and rear alternately flashing signal lamps shall be spaced as far apart laterally as practicable.

.3 Alternately flashing signal lamps shall be mounted at the front above the windshield and at the rear so that the lower edge of the lens is not lower than top line of the side window.

.4 Vertical and lateral vision of the front and rear alternately flashing warning lamps shall not be obstructed by any part of the body or lamphouse insofar as standard bus body construction will permit.

.5 Area around each lamp, extending approximately 3 inches outward shall be painted black.

.6 A separate fuse or circuit breaker, adequate to prevent damage to the system in the event of a dead short, shall be provided between the power source and the master switch.

.7 All wiring from alternately flashing signal lamps to the door switch shall be at least 10 gauge. All other wire shall be a minimum of 14 gauge.

.8 The red and amber signal lamps shall draw an equal current load. See OPTION, Edu 262 (3)(bb), item (.1).

.9 Air or vacuum operated stop arms shall automatically extend and retract in conjunction with the alternately flashing red signals and shall be activated and deactivated by entrance door switch. (Manual stop arms not required to be converted.)

(ee) No wiring shall be on the exterior of the vehicle. All wiring shall be located within the body structure or within the body interior or combination thereof.

.1 Installation within the body structure: (Removing access panels above or below side windows.)

Wiring shall be cleated at intervals for proper support.
Wire shall be additionally insulated for protection at all possible wear points.
Whenever wires pass through body members or panels, additional protection shall be provided by the use of appropriate type of insulating inserts or grommets.

.2 Installation within the body interior. (Use of sheet metal covering, metal conduit or metal surface channel type applications.)

Installation shall not be made below side windows or along floor.
Wire shall be additionally insulated for protection at possible wear points.
Whenever wires pass through body members or panels, additional protection shall be provided by the use of appropriate type of insulating inserts or grommets.

.3 Manufacturers shall provide detailed installation instructions, including correct method of mounting, assembly and wiring with each alternately flashing warning conversion system.

(5) Turn signal lamps: No change.

(6) Flags and flares:

(aa) School bus shall carry at all times at least three red, yellow or orange ~~cloth~~ flags not less than 12 inches square and means for mounting for use in warning traffic in event of ~~prolonged stops~~ breakdown on the highway.

(bb) Bus shall carry at least three red electric lanterns or at least three emergency reflectors, to be displayed according to state law in event of ~~prolonged stops~~ breakdown on the highway.

Fusees may also be used (not required). Liquid burning "pot type" flares not allowed.

(cc) Mounted reflectors. See M.S. 169.50 and M.S. 169.75.

(w) METAL TREATMENT. No change.

(x) MIRRORS

(1) No change.
(2) No change.
(3) No change.

~~(4) Exterior convex mirror(s) shall have at least 50 square inches of glass area and shall be located either on left or right side of bus in such manner that seated driver may observe, through its use, areas to front and side of bus where direct observation is not possible.~~

(4) Exterior convex mirror at least 7½ inches in diameter shall be located either on left or on right side of bus in such a manner that seated driver may observe, through its use, areas to front or side of bus where direct observation, as prescribed in Federal Standard 17, is not possible.

~~(5) Cross-over mirror or its approved equal required on all new buses delivered after April 18, 1973.~~

(y) MOUNTING. No change.

(z.1) OVER-ALL LENGTH. Over-all length of bus shall not exceed ~~38~~ 40 feet.

(z.2) OVER-ALL WIDTH. No change.

(z.3) POSTS. See ~~Edu 262(i)~~ CONSTRUCTION, Edu 262(1) and ~~item (2) under Edu 262 (z.20),~~ WINDSHIELD AND WINDOWS, Edu 262(z.20)(2).

(z.4) RUB RAILS. No change.

(z.5) SANDERS. No change.

(z.6) SEAT BELT FOR DRIVER. No change.

(z.7) SEATS. No change.

(z.8) STANCHIONS AND GUARD RAILS

(1) No change.
(2) No change.
(3) No change.
(4) No change.

(5) All stanchions and guard rails shall be a minimum of 1-inch outside diameter ~~and stainless~~ steel ~~clad~~ or equivalent strength tubing. They shall be stainless steel clad except when padded.

(z.9) STEERING WHEEL. No change.

(z.10) STEPS. No change.

(z.11) STIRRUP STEPS. No change.

(z.12) STOP SIGNAL ARM. No change.

(z.13) STORAGE COMPARTMENT. No change.

(z.14) SUN SHIELD. No change.

(z.15) TAIL PIPE. No change.

(z.16) UNDERCOATING AND RUSTPROOFING. No change.

(z.17) VENTILATION. No change.

(z.18) WHEEL HOUSING. No change.

(z.19) WIDTH. No change.

(z.20) WINDSHIELD AND WINDOWS

(1) No change.

(2) Glass in ~~window~~ windshield shall be heat-absorbent, laminated plate. Windshield shall be large enough to permit driver to see roadway clearly, shall be slanted to reduce glare, and shall be installed between front corner posts that are so designed and placed as to afford minimum obstruction to driver's view of roadway.

(3) No change.
(4) No change.
(5) No change.
(6) No change.
(7) No change.
(8) No change.

(z.21) WINDSHIELD WASHERS. No change.

(z.22) WINDSHIELD WIPERS. No change.

(z.23) WIRING. No change.

(z.24) WARRANTY. No change.

EDU 263 Type II School Buses

Type II buses ~~Automobiles, Stationwagons, Carryalls, Suburbans, Sedans (small vehicles~~ carrying ~~twelve~~ 16 or less pupil passengers~~)~~ shall be painted National School Bus Glossy Yellow, identified as a school bus, equipped with 8 Lamp Warning System and stop signal arm, and shall operate as a TYPE I bus. See TYPE I, OPERATING RULES, Edu 240.

Type II vehicles are restricted in size and SHALL NOT exceed 16 passengers (rated manufacturer's capacity).

Automobiles, stationwagons and other vehicles designed for carrying 9 or less pupil passengers are TYPE III buses, and their use is PROHIBITED as a TYPE I or TYPE II bus.

(a) No ~~automobile, stationwagon, carryall, suburban, sedan or similar~~ Type II vehicle used to transport school children shall be more than 10 years old and every such vehicle shall provide for:

~~(1) All steel construction, comfortable seats, individually controlled windows, and dust proof body.~~

(1) COLOR

(aa) Shall be painted National School Bus Glossy Yellow (Color 13432). Use of chrome and/or black trim permitted. TYPE I BUSES. See COLOR, CHASSIS, Edu 261(h) page , also COLOR, BODY, Edu 262(h) page .

~~(2) Doors opening from both inside and outside with no restrictive secondary locking devices of the automatic type.~~

(2) CONSTRUCTION

(aa) All steel construction and shall provide reasonably dustproof and watertight unit.

~~(3) Interior and exterior rear view mirrors.~~

(3) DEFROSTERS

(aa) Defrosters of sufficient capacity to keep at least 80 percent of the total windshield area clear of condensation, ice and snow.

~~(4) Two windshield wipers of the vacuum or electric type.~~

(4) DOORS

(aa) Doors opening from both inside and outside with no restrictive secondary locking devices of the automatic type.

~~(5) Heater of the hot water type, with fresh air intake, and capacity sufficient to heat the car interior adequately during subzero weather.~~

(5) FIRE EXTINGUISHER. (2½ pound, dry-chemical type.)

~~(6) Defrosters, with separate motor driven all metal fans, of sufficient capacity to keep at least 80 percent of the total windshield area clean of condensation, ice, and snow.~~

(6) FIRST AID KIT

(aa) Vehicle shall carry first-aid kit (10 unit), removable and readily identifiable, mounted in full view and in an accessible place in driver's compartment. See TYPE I BUSES, FIRST AID KIT, Edu 262(n), page .

~~(7) First Aid Kit (10 unit).~~

(7) HEATERS

(aa) Heaters shall be of hot-water or combustion-type.

(bb) If only one heater is used, it shall be of fresh air or combination fresh air and recirculating type.

(cc) If more than one heater is used, additional heaters may be of recirculating type. Each heater motor shall be at least two speed.

(dd) All combustion-type shall be approved by Underwriter's Laboratories, Inc.

(ee) Heaters shall be capable of maintaining inside temperature of 50 degrees Fahrenheit at average minimum January temperatures as established by U.S. Department of Commerce, Weather Bureau, for area in which heater is required.

(ff) Heater lines inside the passenger compartment shall be guarded to prevent accidental contact by driver or passengers.

~~(8) Driver's seat belt in compliance with M.S. 169.44, Subd. 9.~~

(8) IDENTIFICATION

(aa) Body shall bear words "SCHOOL BUS" in black letters at least 8 inches high on both front and rear of body or on signs attached thereto. Lettering shall be placed as high as possible without impairment of its visibility. Lettering shall conform to "Series B" of Standard Alphabets for Highway Signs.

(bb) Only signs and lettering approved by state law or regulation, limited to name of owner or operator and any number necessary for identification shall appear on sides of bus. See M.S. 169.44, Subd. 3 and Administrative Manual, Directives following Edu 262(r).

~~(9) Reflectorized, demountable school bus signs to comply with standards set by the commissioner of highways. (Required to be displayed front and rear at all times when vehicle is in use as a school bus.)~~

(9) LAMPS AND SIGNALS

(aa) 8-Lamp Alternately Flashing Warning Signal System shall be installed and operate in conformance with TYPE I BUSES. See Edu 262(v), page .

(bb) All lamps on exterior of vehicle shall conform with and be installed as required by Federal Motor Vehicle Safety Standard 108.

(cc) Flags and flares:

.1 School bus shall carry at all times at least three red, yellow or orange flags not less than 12 inches square and means for mounting for use in warning traffic in event of breakdown on the highway.

.2 Bus shall carry at least three red electric lanterns or at least three red emergency reflectors, to be displayed according to state law in event of breakdown on the highway.

Fusees may also be used (not required). Liquid burning "pot type" flares not allowed.

~~(10) Alternately flashing amber signals to comply with standards set by the commissioner of highways. (Required only on vehicles operating outside an incorporated municipality.~~

(10) MIRRORS

(aa) Interior mirror, manufacturer's standard.

(bb) Two exterior clear view mirrors, one to left and one to right of driver. Each mirror shall be firmly supported and adjustable to give driver clear view past left rear and right rear of bus.

(cc) Exterior convex mirror at least 7½ inches in diameter shall be located either on left or on right side of bus in such a manner that seated driver may observe, through its use, areas to front or side of bus where direct observation, as prescribed in Federal Standard 17, is not possible.

~~(11) Fire Extinguisher (2½ LB. Dry).~~

(11) SEAT BELT FOR DRIVER

(aa) Seat belt for driver shall be provided, belt to comply with current specifications and recommended practices of Society of Automotive Engineers except that belt shall be fastened to bus floor immediately behind driver's seat when adjusted to rearmost position.

(12) SEATS

(aa) Vehicle manufacturer's standard seating.

(bb) If school bus type are used, they shall be installed and spaced in conformance with TYPE I BUSES (except for required headroom). See Edu 262 (z.7), page .

(13) STOP SIGNAL ARM

(aa) Stop signal arm shall be installed and operate in conformance with TYPE I BUSES. See Edu 262 (z.12), page , Edu 262 (v), Items (3)(cc) page , and Edu 262 (v), Items (4)(cc) page .

EDU 264 TYPE III School Buses

Type III buses carrying 16 or less pupil passengers (including automobiles, stationwagons and other vehicles designed for carrying 9 or less), SHALL NOT: be painted school bus color, bear the words "SCHOOL BUS", have the 8-Lamp Warning System or stop signal arm, and SHALL NOT operate as a TYPE I or TYPE II bus. See TYPE III Buses, OPERATING RULES, Edu 241.

Type III vehicles are restricted in size and SHALL NOT exceed 16 passengers (rated manufacturer's capacity).

(a) No Type III vehicle used to transport school children shall be more than 10 years old. Every Type III vehicle shall comply with the requirements for TYPE II Buses, Edu 263, EXCEPT for the following:

(1) COLOR

(aa) Shall be painted a color other than National School Bus Glossy Yellow or Minnesota Golden Orange.

Exception: Vehicles purchased prior to the effective date of this regulation.

(2) IDENTIFICATION

(aa) Shall not have the words, "School Bus" in any location on the exterior of the vehicle, or in any interior location visible to a motorist.

(bb) Shall display to the rear of the vehicle a sign "VEHICLE STOPS AT RR CROSSINGS".

.1 Lettering (except for "AT", which may be 1" smaller) shall be a minimum 2 inch "Series D" as specified in Standard Alphabets for Highway Signs as specified by the Federal Highway Administration.

.2 Sign shall have provisions for being covered, or be of a removable or fold down type.

(3) LAMPS AND SIGNALS

(aa) Installation and use of the 8-Lamp Warning System is prohibited.

(bb) All lamps on exterior of vehicle shall conform with and be installed as required by Federal Motor Vehicle Safety Standard 108.

(4) STOP SIGNAL ARM

(aa) Installation and use of stop signal arm is prohibited.

EDU 265 No change.

EDU 266-279 Reserved for future use.

Ex. No. 1

RESOLUTION

RESOLVED, that the State Board of Education shall call a hearing for the purpose of informing the public concerning proposed rules of the Board amending Minnesota Rules and Regulations, 1967 Edition and the 1969, 1970, 1971, 1972 and 1973 Supplements; and that the Commissioner of Education or his Deputy is authorized to sign an order and notice of such hearing to be conducted under rules of the board. IT IS FURTHER RESOLVED that the hearing on these proposed rules shall be held on Saturday, December 8, 1973, at 9:00 a.m., in the Conference Room D, Veterans Service Bldg./Columbus Circle, St. Paul, Minnesota., 55155.

Ex. No. 2

CERTIFICATE OF BOARD'S
AUTHORIZING RESOLUTION

I, Howard B. Casmey, do hereby certify that I am secretary of the state board of education, a board duly authorized under the laws of the State of Minnesota, and that the following is true, complete, and correct copy of a resolution adopted at a meeting of the state board of education duly and properly called and held on the 5th day of November 1973; that a quorum was present at said meeting; and that a majority of those present voted for the resolution; that said resolution is set forth in the minutes of said meeting and has not been rescinded or modified.

> RESOLVED, that the State Board of Education shall call a hearing for the purpose of informing the public concerning proposed rules of the Board amending Minnesota Rules and Regulations, 1967 Edition and the 1969, 1970, 1971, 1972 and 1973 Supplements; and that the Commissioner of Education or his Deputy is authorized to sign an order and notice of such hearing to be conducted under rules of the board. IT IS FURTHER RESOLVED that the hearing on these proposed rules shall be held on Saturday, December 8, 1973, at 9:00 a.m., in the Conference Room D, Veteran's Bldg, St. Paul, Minnesota., 55155.

IN WITNESS WHEREOF, I have hereunto subscribed my name this 5th day of November, 1973.

Howard B. Casmey
Secretary, State Board of Education

Lyman K. Peterson
President, State Board of Education

Ex. No. 3

State of Minnesota

Department of Education
Capitol Square, 550 Cedar Street
St. Paul, Minnesota 55101

STATE OF MINNESOTA
County of Ramsey

IN THE MATTER OF: The proposed adoption of rules of the state board of education amending "Minnesota Administrative Rules and Regulations--Rules and Regulations of the State Board of Education," 1967 Edition and the 1969, 1970, 1971, 1972 and 1973 Supplements.

ORDER FOR HEARING

To effectively implement the rules and regulations of the Minnesota State Board of Education, the board deems it necessary to consider adoption of the proposed rules captioned above pursuant to the authority vested in it by M.S. 1971.

NOW, THEREFORE, IT IS ORDERED this 5th day of November, 1973, that a public hearing on the proposed rules captioned above be held in Conference Room D, 5th floor, Veteran's Building, St. Paul, Minnesota 55155, on December 8, 1973, commencing at 9:00 a.m. and continuing until all representatives of school districts, associations or other interested persons have had an opportunity to be heard.

IT IS FURTHER ORDERED, that notice of said hearing be given to all representatives of associations or other interested groups of persons who have registered their names with the Secretary of State for that purpose and all persons who are presently members of the Minnesota Legislature.

STATE OF MINNESOTA
Department of Education

Commissioner of Education

Ex. No. 4

State of Minnesota

Department of Education
Capitol Square, 550 Cedar Street
St. Paul, Minnesota 55101

STATE OF MINNESOTA
County of Ramsey

IN THE MATTER OF: The proposed adoption of rules of the state board of education amending "Minnesota Administrative Rules and Regulations -- Rules and Regulations of the State Board of Education," 1967 Edition and the 1969, 1970, 1971, 1972 and 1973 Supplements.

NOTICE OF PUBLIC HEARING

Notice is hereby given that a public hearing will be held pursuant to M.S. 1971, Section 15.0412, Subdivision 4, on the above entitled matter in Conference Room D, 5th Floor, Veteran's Building, St. Paul, Minnesota., 55155, on Saturday, December 8, 1973, commencing at 9:00 a.m., and continuing until all representatives of school districts, associations or other interested persons have had an opportunity to be heard concerning adoption of the proposed rules captioned above by submitting either oral or written data, statements or arguments. Statements or briefs may be submitted without appearing at the hearing.

Copies of proposed rules are available to interested persons at the State Department of Education, 736 Capitol Square Building, St. Paul, Minnesota., 55101. (Telephone: 612/296-4434).

NOTE: Copies of proposed rules, in accordance with state board of education policy, are sent to superintendents or heads of school districts.

STATE OF MINNESOTA
DEPARTMENT OF EDUCATION

Howard B. Casmey
COMMISSIONER OF EDUCATION

Ex. No. 5

STATE OF MINNESOTA
County of Ramsey

CERTIFICATE

In the matter of the proposed adoption of rules of the state board of education amending and supplementing MINNESOTA ADMINISTRATIVE RULES AND REGULATIONS -- Rules and Regulations of the State Board of Education, 1967 Edition and the 1969, 1970, 1971, 1972 and 1973 Supplements:

I hereby certify that the attached 302 labeled & 2½ sheets constitute the complete list of persons, associations, and other interested groups who as of 2:15 . o'clock p.m., this 31st day of October, 1973, have requested pursuant to M.S. 1967 Section 15.0412 Subd. 4, that their names be placed on file with the Secretary of State for the purpose of receiving notice of public hearing on proposed rules on the subject captioned above.

Arlen I. Erdahl
Secretary of State

By Gail Dion

Ex. No. 6

AFFIDAVIT OF MAILING

In the matter of the proposed adoption of rules of the state board of education amending and supplementing MINNESOTA ADMINISTRATIVE RULES AND REGULATIONS -- Rules and Regulations of the State Board of Education, 1967 Edition and the 1969, 1970, 1971, 1972 and 1973 Supplements:

Hugh Sharp, being first duly sworn, deposes and says:

That on the 7th day of November, 1973, at the City of St. Paul, County of Ramsey, State of Minnesota, he served the attached Notice of Hearing by depositing in the United States mail at said City of St. Paul, a true and correct copy thereof, properly enveloped, with postage prepaid, to all persons and associations at the addresses listed on the attached Certificate of the Secretary of State as well as to all persons listed on the attached sheet as presently being members of the Minnesota Legislature.

Hugh Sharp

Hugh Sharp
Research, State Aids, and
Statistics Section

Myrtle A. Benson

MYRTLE A. BENSON
Notary Public, Ramsey County, Minneso'a
My Commission Expires June 14, 1977

SENATE

EDITED, PRINTED AND PUBLISHED BY WILLIAM L. PHILLIPS

PHILLIPS LEGISLATIVE SERVICE

459 RICE STREET • ST. PAUL, MINN. 55103 • TELEPHONE 227-7771

X Votes with organization majority

* Votes with organization minority

n New Member

January 2nd, 1973

MEMBERS OF SENATE - 1973 MINNESOTA LEGISLATURE

NAME	DISTRICT	ADDRESS
x Anderson, Jerald C.	19	Box 503, North Branch 55056
x Arnold, Norbert	3	R. 1, Box 93, Pengilly 55775
* Ashbach, Robert O.	48	1585 Lake Johanna Blvd., Arden Hills 55112
*n Bang, Otto, Jr.	39	5200 Duggan Plaza, Edina 55435
*n Berg, Charles	15	Chokio 56221
*n Bernhagen, John	22	Hutchinson 55350
* Blatz, Jerome V.	38	11044 Glen Wilding Lane, Bloomington 55431
x Borden, Winston W.	13	Box 411, Brainerd 56401
* Brown, Robert J.	51	106 W. Wilkin St., Stillwater 55082
x Chenoweth, John C.	66	987 Earl St., St. Paul 55106
x Chmielewski, Florian	14	Sturgeon Lake 55783
x Coleman, Nicholas D.	65	79 Western Ave. N., St. Paul 55102
x Conzemius, George	25	800 W. Hoffman, Cannon Falls 55009
x Davies, Jack	60	3424 Edmund Blvd., Mpls 55406
x Doty, Ralph R.	8	4107 Dodge St., Duluth 55804
*n Dunn, Robert	18	503 8th Avenue S., Princeton 55371
*n Fitzsimons, Richard W.	1	303 E. Prairie Ave., Warren 56762
* Frederick, Mel	32	414 Clyde St., West Concord 55985
x Gearty, Edward	54	3810 Xerxes Ave. N., Mpls 55412
x Hansen, Baldy (C.R.)	31	100 S.E. 1st St., Austin 55912
* Hansen, Mel	61	4505 28th Ave. S., Mpls 55406
*n Hanson, Roger	10	Vergas 56587
x Hughes, Jerome M.	50	1978 Payne Ave., Maplewood 55117
xn Humphrey, Hubert H. III	44	8116 40th Ave. N., New Hope 55428
* Jensen, Carl A.	28	209 1st Ave. S., Sleepy Eye 56085
* Josefson, J. A.	20	310 North Grant, Minneota 56264
*n Keefe, John	40	201 Oakwood Rd., Hopkins 55343
xn Keefe, Stephen	59	3255 Pleasant Ave. S., Mpls 55408
* Kirchner, William G.	37	6830 Newton Ave. S., Richfield 55423
xn Kleinbaum, Jack	17	100 23rd Ave. N., St. Cloud 56301
*n Knutson, Howard A.	53	1907 Woods Lane, Burnsville 55378
*n Kowalczyk, Al	45	6016 70th Ave. N., Mpls 55429
* Krieger, Harold G.	33	811 7th Ave. SW, Rochester 55901
* Larson, Lew W.	35	Mabel 55954
x Laufenburger, Roger A.	34	Box 6, Lewiston 55952
xn Lewis, B. Robert	41	1601 Hillsboro Ave. S., St. Louis Park 55426
xn Lord, James	36	7621 Chanhassen Road, Chanhassen 55317

NAME	DISTRICT	ADDRESS
* McCutcheon, Bill	67	2238 Edgebrook Ave., St. Paul 55119
xn Milton, John	49	1 Sparrow Lane, North Oaks 55110
x Moe, Roger D.	2	304 S. 2nd St. W., Ada 56510
*n Nelson, Rolf	43	3820 Bassett Creek Drive, Golden Valley 55422
xn North, Robert	62	1642 Blair Ave., St. Paul 55104.
x Novak, Edward G.	64	1424 Arundel, St. Paul 55117
* Ogdahl, Harmon T.	58	5026 Morgan Ave. S., Mpls 55419
xn Olhoft, Wayne	11	Herman 56248
x Olson, Alec G.	21	1905 SW 5th, Willmar 56201
x Olson, Howard D.	27	R. 3, St. James 56081
* Olson John L.	26	612 Lake St., Worthington 56187
* O'Neill, Joseph T.	63	1381 Summit Ave., St. Paul 55105
*n Patton, John	30	1007 South Moore, Blue Earth 56013
x Perpich, A. J.	6	4 Lakeside Dr. S., Eveleth 55734
x Perpich, George F.	5	814 NE 5th Ave., Chisholm 55719
* Pillsbury, George S.	42	1320 Bracketts Pt. Rd., Wayzata 55391
x Purfeerst, Clarence M.	24	R. 2, Faribault 55021
* Renneke, Earl W.	23	R. 2, LeSueur 56058
xn Schaaf, David D.	46	6550 E. River Road, Fridley 55432
x Schrom, Ed	16	R. 2, Albany 56307
*n Sillers, Douglas H.	9	R. 2, Moorhead 56560
xn Solon, Sam George	7	616 W. 3rd St., Duluth 55806
xn Spear, Allan H.	57	2024 Seabury Ave. S., Mpls 55406
*n Stassen, J. Robert	52	2320 Kraft St., South St. Paul 55075
xn Stokowski, Eugene	55	2251 Stinson Blvd., Mpls 55418
x Tennessen, Robert J.	56	2564 Upton Ave. S., Mpls 55405
x Thorup, Stanley N.	47	319 104th Lane NE, Blaine 55434
*n Ueland, Arnulf, Jr.	29	2013 Roe Crest Drive, North Mankato 56001
x Wegener, Myrton O.	12	Bertha 56437
x Willet, Gerald L.	4	207 Mill Road, Park Rapids 56470

* * * * * * *

HOUSE

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459 RICE STREET • ST. PAUL, MINN. 55103 • TELEPHONE 227-7771

x Votes with organization majority
* Votes with organization minority

n New Member

January 2nd, 1973

MEMBERS OF HOUSE - 1973 MINNESOTA LEGISLATURE

NAME	DISTRICT	ADDRESS
x Adams, James L.	60A	4234 19th Ave. S., Mpls 55407
* Adams, Salisbury	42B	60 Myrtlewood Rd., Wayzata 55391
* Andersen, Richard A.	48A	2600 Rice Creek Terrace, New Brighton 55112
* Anderson, Delbert F.	15A	R. 2, Box 70, Starbuck 56381
xn Anderson, Glen H.	15B	Odessa 56276
x Anderson, Irvin N.	3A	909 13th St., International Falls 56649
*n Becklin, Lynn H.	18A	615 S. Dellwood, Cambridge 55008
*n Belisle, Jerome J.	50A	407 Glenbrook Ave. N., Oakdale 55119
* Bell, Robert C.	48B	807 Heinel Dr., Roseville 55113
* Bennett, Tony L.	66B	1414 Mechanic Ave., St. Paul 55106
x Berg, Tom	56B	2112 Newton Ave. S., Mpls 55405
xn Berglin, Linda	59A	2534 13th Ave. S., Mpls 55404
* Biersdorf, John S.	32A	409 E. Broadway, Owatonna 55060
x Boland, John E.	50B	2541 Bittersweet Lane, Maplewood 55109
xn Braun, Art	1A	Greenbush 56726
x Brinkman, Bernard J.	16B	Box 97, Richmond 56368
* Carlson, Arne	58B	4301 Fremont Ave. S., Mpls 55409
x Carlson, Bernard O.	14B	1216 Selmser Ave., Cloquet 55720
* Carlson, Douglas W.	14A	Sandstone 55072
xn Carlson, Lyndon R.	44A	5819 Halifax Ave. N., Brooklyn Center 55429
xn Casserly, James R.	56A	1100 Vincent Ave. N., Mpls 55411
*n Cleary, David	38A	8924 16th Ave. Circle, Bloomington 55420
*n Clifford, J. B.	44B	9400 Northwood Parkway, New Hope 55427
x Connors, Joe	46B	1410 Trollhagen Dr., Fridley 55421
x Culhane, Robert	24B	R. 1, Waterville 56096
xn Cummiskey, David R.	29A	117½ Marshall St., Mankato 56001
xn Dahl, Harold J.	22B	Box 337, Howard Lake 55349
* DeGroat, Frank H.	10A	Lake Park 56554
xn Dieterich, Neil	62A	2171 Knapp St., St. Paul 55108
* Dirlam, Aubrey W.	21B	R. 2, Redwood Falls 56283
x Eckstein, A. J.	28B	411 S. State, New Ulm 56073
x Eken, Willis	2B	Twin Valley 56584
x Enebo, Stanley A.	60B	3304 E. 25th St., Mpls 55406
* Erdahl, Dale E.	30A	R. 2, Box 50, Blue Earth 56013
* Erickson, Wendell O.	26B	Hills 56138
*n Esau, Gilbert	28A	Mountain Lake 56159
x Faricy, Ray W.	63A	2240 Goodrich Ave., St. Paul 55105
*n Ferderer, Robert J.	64A	440 Hoyt Ave. E., St. Paul 55101
*n Fjoslien, David	11B	Brandon 56315

NAME	DISTRICT	ADDRESS
* Flakne, Gary W.	61A	4901 11th Ave. S., Mpls 55417
*n Forsythe, Mary (Mrs.)	39A	4605 Edina Blvd., Edina 55424
x Fudro, Stanley J.	55A	2322 2nd St. N.E., Mpls 55418
x Fugina, Peter X.	5A	5 Merritt Drive, Virginia 55792
x Graba, Joseph P.	10B	R. 1, Box 94-2, Wadena 56482
* Graw, Joseph P.	38B	10730 W. Bloomington Freeway, Bloomington 55431
xn Growe, Joan R.	40A	16836 Canterbury Dr., Minnetonka 55343
* Hagedorn, Thomas M.	27B	R. 2, Truman 56088
x Hanson, Walter	62B	1136 Hague Ave., St. Paul 55104
x Haugerud, Neil S.	35A	R. 3, Preston 55965
* Heinitz, O. J.	43A	2555 Queensland Lane, Wayzata 55391
* Hook, Julian	41A	251 Yosemite Circle, Apt. 10, Golden Valley 55422
xn Jacobs, Joel	47A	11932 Zion St., Coon Rapids 55433
xn Jaros, Mike	7B	2721 W. 4th St., Duluth 55806
x Johnson, Carl M.	23B	R. 3, St. Peter 56082
x Johnson, Douglas J.	6B	P.O. Box 14, Cook 55723
* Johnson, John W.	58A	5101 Irving Ave. S., Mpls 55419
* Johnson, Robert W.	63B	1950 Bayard Ave., St. Paul 55116
* Jopp, Ralph P.	36A	Mayer 55360
xn Jude, Thaddeus	42A	4400 Shoreline Blvd., Mound 55364
xn Kahn, Phyllis	57A	100 Malcolm Ave. S.E., Mpls 55414
x Kelly, William N.	2A	430 10th Ave. N., East Grand Forks 56721
xn Kempe, Ray	53A	310 Christine Lane, West St.Paul 55118
*n Klaus, Walter K.	25A	R. 1, Farmington 55024
*n Knickerbocker, Gerald	40B	10100 Minnetonka Blvd., Minnetonka 55343
* Kvam, Adolph L.	22A	25 W. Lockerbie, Litchfield 55355
*n Laidig, Gary	51A	114 N. 4th St., Bayport 55003
* Larson, Calvin R.	11A	316 E. Cherry, Fergus Falls 56537
x LaVoy, Jack H.	8A	1708 E. Third St., Duluth 55812
x Lemke, Richard	34A	Lake City 55041
* Lindstrom, Ernest A.	37A	7406 Fremont Ave. S., Richfield 55423
xn Lindstrom, John C.	21A	415 W. 7th, Willmar 56201
*n Lombardi, Vincent H.	49A	6741 Shadow Lake Dr., Lino Lakes 55038
* Long, Verne E.	26A	R. 1, Box 307, Pipestone 56164
x Mann, George	27A	R. 1, Windom 56101
*n McArthur, Ernee M. (Mrs.)	45B	2118 55th Ave. N., Brooklyn Center 55430
xn McCarron, Paul	46A	723 82nd Ave. N.E., Spring Lake Park 55432
* McCauley, M. J.	34B	404 E. Howard, Winona 55987
xn McEachern, Bob	18B	601 N. Walnut, St. Michael 55376
*n McFarlin, Robert J.	41B	4329 Coolidge Ave., St. Louis Park 55424
x McMillan, Helen E.	31B	1230 Second Dr., Austin 55912
x Menke, Richard J.	36B	Box A, Prior Lake 55372
xn Miller, Darrel R.	32B	R. 1, Pine Island 55963
xn Miller, Melvin J.	12A	Randall 56475

	NAME	DISTRICT	ADDRESS
x	Moe, Donald M.	65B	456 Summit Ave., St. Paul 55102
*	Mueller, August B.	23A	R. 1, Arlington 55307
x	Munger, Willard M.	7A	1121 70th Ave, W., Duluth 55807
*	Myrah, Leonard C.	35B	R. 2, Spring Grove 55974
xn	Nelson, Ken	59B	3100 5th Ave. S., Mpls 55408
*	Newcome, Thomas W.	49B	2374 Joy Ave., White Bear Lake 55110
*	Niehaus, Joseph T.	16A	R. 3, Sauk Centre 56378
x	Norton, Fred C.	65A	701 Fairmount Ave., St. Paul 55105
*n	Ohnstad, Michas M.	19A	Box 55, Stacy 55079
x	Ojala, William R.	6A	333 S. 2nd St. W., Aurora 55705
xn	Parish, Richard J.	43B	2565 Vale Crest Road, Golden Valley 55422
xn	Patton, Al	17A	Box 163, Sartell 56377
x	Pavlak, Raymond	52A	817 Park Lane, So. St. Paul 55075
*	Pavlak, Robert L.	67A	116 W. Belvidere St., St. Paul 55107
xn	Pehler, James	17B	734 14th Ave. S., St. Cloud 56301
x	Peterson, Harry	20A	R. 2, Madison 56256
*n	Pieper, Bradley G.	53B	804 E. 134th St., Burnsville 55378
*n	Pleasant, Ray O.	39B	9841 Xerxes Curve, Bloomington 55431
x	Prahl, Norman	3B	Box 8, Keewatin 55753
x	Quirin, E. W.	33B	428 6th St. SW, Rochester 55901
xn	Resner, Thomas H.	33A	3714 3rd St. N.W., Rochester 55901
x	Rice, James I.	54B	2220 Vincent Ave. N., Mpls 55411
x	Ryan, Roy R.	64B	1085 Thomas Ave., St. Paul 55104
x	Sabo, Martin O.	57B	3129 E. 22nd St., Mpls 55406
xn	St. Onge, Douglas	4A	R. 4, Bemidji 56601
x	Salchert, John J.	54A	2120 Victory Memorial Dr., Mpls 55412
x	Samuelson, Donald B.	13A	1018 Portland Ave., Brainerd 56401
xn	Sarna, John J.	55B	2837 Ulysses St., Mpls 55418
*	Savelkoul, Henry J.	31A	1100 Cedar, Albert Lea 56007
*n	Schreiber, William H.	45A	10001 Zane Ave. N., Brooklyn Park 55443
x	Schulz, Victor	25B	R. 1, Goodhue 55027
*	Searle, Rodney N.	30B	R. 1, Waseca 56093
xn	Sherwood, Glen	4B	Longville Rt., Pine River 56474
x	Sieben, Harry A., Jr.	52B	1311 W. 17th St., Hastings 55033
xn	Sieben, Michael R.	51B	1535 4th Ave., Newport 55055
*	Skaar, Andrew O.	1B	R. 1, Thief River Falls 56701
x	Smith, Howard E.	13B	116 W. Main, Crosby 56441
xn	Spanish, John J.	5B	2202½ 11th Ave. E., Hibbing 55746
*	Stangeland, Arlan I.	9B	R. 2, Box 32, Barnesville 56514
xn	Stanton, Russell P.	20B	416 N. 5th, Marshall 56258
x	Swanson, James C.	37B	6827 5th Ave. S., Richfield 55423
xn	Tomlinson, John D.	67B	2232 Conway St., St. Paul 55119
*	Ulland, James E.	8B	R. 6, Box 181, Duluth 55804
xn	Vanasek, Robert E.	24A	108 2nd St. N.E., New Prague 56071
x	Vento, Bruce F.	66A	750 Geranium Ave. E., St. Paul 55106
xn	Voss, Gordon O.	47B	11120 N.E. 7th St., Blaine 55434
*	Weaver, Charles R.	19B	S30 River Lane, Anoka 55303
xn	Wenzel, Stephen G.	12B	204 S.E. 8th St., Little Falls 56345
*	Wigley, Richard E.	29B	R. 2, Lake Crystal 56055
*n	Wohlwend, Neil E.	9A	1314 10th Ave. S., Moorhead 56560
*	Wolcott, Raymond O.	61B	4110 Coffman Lane, Mpls 55406

* * * * *

EDUCATION

Agre, Dr. Courtland L., Augsburg College, Minneapolis 4

Anderson, Agnes M., Marshall, Minnesota

Anderson, Mrs. Donald B., 3030 Scott Ave. N., Minneapolis 55422

Antolak, Thomas J., 234 Kennard St., St. Paul 55106

Beckman, Vernon E., Dept.Speech & Theatre Arts, Mankato State College, Mankato 56001

Bemidji State College, Placement Bureau Office., Bemidju 56601

Berg, Catherine, 1340 Brainerd Ave., Duluth

Borgen, N. John, Southcentral Minn.Uniserv Cluster, 423 3rd Ave SE, Rochester 55901

Block, Robert, Ind.Sch.Dist.#316 Grand Rapids, Minnesota 55744

Bloomington Pub. Schs, Vernon Humbert, 10025 Penn Ave S., Bloomington 55431

Catholic Ed. Center - Supt. & Coord., 251 Summit Ave., St Paul 55102

Card, Glenn H., Stowe Jr. High School, Duluth

Christensen, Dr. Donald Ind. Sch. Dist.#196, Rosemount 55068

Cofell, William L., St. John's University, Collegeville, Minnesota

Curtis, Dr. E. Louise, Prof. Ed., U of M, Morris 56267

Davoli, Raymond M., St.Paul Tech.Voc.Inst., 235 Marshall Ave., St Paul 55102

Day, Paul M., Senior High School, Fairbault

Diocese of St. Paul, 244 Dayton Ave., St. Paul

Doty, Dr. Ralph R., Dept. Ed., College of St. Scholastica, Duluth 55811

Erwin, Ray, Box 365, R 4, Stillwater 55082

Farnand, Lee et al, 410 Roanoke Building, Minneapolis 2

Frank, Dr. Otto, Dean Sch.Education, Winona State College, Winona 55987

Faust, C. E., Mankato State College, Mankato 56001

Gavin, Dr. Gordon, Mankato State College, Mankato 56001

Gettinger, D. E., Stillwater Senior High, 523 W. Marsh St., Stillwater 55082

Gilbert, Rev., John R., 251 Summit Avenue, St. Paul 55102

Gillett, Dean, Graduate School, St. Cloud State College, St. Cloud 56301

Goldberg, Paula, 5315 James Ave S., Mpls. 55419

Graham, Kenneth L., U of M, College of Liberal Arts, Dept. Speech, Mpls., 55455

Grant, Claribel, 2017 S. E. Second Ave., Augtin 55912

Habiger, Rt. Rev., Msgr. James D., 275 Harriet Street, Winona 55987

Hale, Rodney, Ind.Sch.Dist. #833, 8040 80th St. S. Cottage Grove 55016

Hansen, Mrs. Joyce, John Clark Elementary School, Rockville 56369

Hanson, Jeannie, UWW, 331 Nolte Center, Minneapolis 55455

Hoge, Zorada K., 1642 York Ave., St. Paul 55106

Hoglund United Sales, Inc., So. Hwy. 25, Monticello, Minnesota

Hoover, Mrs. Nancy, 2432 Sheridan Ave. S., Minneapolis 55405

Humbert, Vernon, Ind. School Dist. #271, 10025 Penn Ave. So., Bloomington 55431

Jones, James A., Macalester College, Biology, St. Paul 55105

Karsten, H. C. Mn. El. School Prin. Assn. 55 Sherburne, St. Paul, Minn. 55103

Kayser, Richard M., ~~City Hall~~ 360 Colborne St., St. Paul 55102

Kelly, Mrs. Marian L., Librarian, Voc. High School, Minneapolis

Kinstler, Mrs. Ann, 555 Cedar St., St. Paul 55101

Kockelman, Ron P., Alexandria Pub. Schls, Alexandria 56308

Kurtz, Mrs. Kirsten, Minn. Nurses Assn., 1821 Univ. Ave., St. Paul 55104

Lachelt, Ruthe, Ind. Sch. Dist. #738, Holdingford 56340

Larson, Principal Harold, Excelsior High School, Excelsior

Library School, U Of M, 3 Walter Library, Minneapolis 55455

Maag, Raymond E., 122 W. Franklin, Room 525, Minneapolis 55404

Miller, Dr. Joseph W., Box 144, Moorhead State College, Moorhead 56560

Minneapolis Gas Company, 739 Marquette Ave., Minneapolis 2

Minneapolis & Hennepin County Mental Health Clinic, 619 S. 5th St., Mpls. 15

Minn. Assn. of Sch. Personnel Administrators, Attn: James W. Andress, 4148 Winnetka Ave. N. Mpls. 55427

Minnesota Education Ass'n. 41 Sherburne Ave., St. Paul 3

Minn. Elementary Principal's Assn' (Dr. Aftreth) 915 Dartmouth S.E., Mpls. 14

Minnesota School Bus Operators Ass'n. Fairbault, Minnesota

Minn. State Advisory Council for Voc. Ed., 555 Wabasha, Suite 201, St. Paul 55102

Minn. State Federation of Teachers, 2147 Univ. Ave., St. Paul 14

Mueller, Van D. 218 Health Serv. Bldg., St. Paul Campus UM, St. Paul, Minn. 55101

Nordrum, Lee M., Audiovisual Center, Moorhead State College, Moorhead 56560

Norsted, LeRoy V., Independent School Dist. No. 279, Osseo 55369

Nydahl, Dr. Theodore L., Dean, Sch. of Arts & Science, Mankato State College, Mankato 56001

Peterson, Mrs. ~~Rudolph W.~~ Gladys Holt, 330 E. Minnehaha Pkwy., Minneapolis 19

Rasmussen School of Business, Attn. W.C. Nemitz, 160 W. 9th St., St. Paul 55102

Richfield Pub. Schools, J. B. Michel, 70th & Harriet Ave., Richfield 55423

Rieder, Rev., David, 810 St., Germaine Street, St. Cloud, Minnesota 56301

Rivers, Geo. T., 2513 Orchard Lane, White Bear Lake, Minnesota 55110

Robbins, Dr. Glaydon D., Moorhead State College, Moorhead 56560

Roberts, Charles E., 5513 Morgan Ave. S., Minneapolis 55419

Rosenmeier & Simonett, 72 Broadway, Little Falls 56345

Runbeck, Dr. Junet E., Bethel College, ~~1450 W. Shoreline Ave.~~ 3900 Bethel Drive, St. Paul ~~55104~~ 55112

Sause, Mrs. Carolyn A., 4223 Heathcote Rd., Wayzata 55391

Scarborough, Bill U of M, Div. Ed., Morris 56267

Schimitz, Richard A., Ind. Sch. Dist. #425, Silver Lake 55381

Smith, Robert L., 812 Osceola Ave., St. Paul 55105

Sister Marilyn Micke, Education Center, 2410 Morris Thomas Rd, Duluth 55811

3/

Southwest Minnesota State College, Attn: K.L.Peatross, Marshall, Minn. 56258

Stalder, Mrs. Eliz., ~~Longfellow School, Iglehart & Prior Ave~~ St. Paul Pub. Schls., 360 Colborne St., St. Paul ~~55102~~ 55102

St. Paul Federation of Teachers,Attn:J.D.Robinson,555 Wabasha,Rm.212,St.Paul 02

Stuart, Roy O., Art Instruction Schools, 500 S. 4th St., Minneapolis 55415

Turner, Mrs. Marian, 303 3rd St., Chatfield 55923

Tyler, Mrs. Helen C., Mpls. Public Schools, 807 NE Bdwy, Minneapolis 55413

Verrill, John E. Prof., Dept. Secondary Education, U of M. Duluth 55812

Ward, Rt. Rev. Msgr. John, 526 N. Highland Ave., New Ulm 56073

White, Kenneth E., Dept. Education, Hamline Univ., St. Paul 55101

Whitten, Anne M., 1299 Grand Ave., Apt. 305, St. Paul

Wicks, Larry E., Rochester Education Assn., Rochester 55901

Wilkens, Kenneth G., Dept. Comm. & Theatre Arts, St. Olaf College, Northfield 55057

Wollins, Dr. Richard, Southwest Minn. State College, Marshall 56258

PLEASE NOTE:

If you intend to supplement this list with other lists when mailing a hearing notice, please compare lists and eliminate duplicate notices. OK

Thank you.

ALSO
NOTIFY ALL INTERESTED STATE DEPARTMENTS, BOARDS AND COMMISSIONS
AND
PLEASE SORT OUT INTEROFFICE MAIL FROM LABELS

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LOWE DOUG	2701 N LEXINGTON AVE	ROSEVILLE	MN	55113
THOMPSON HESSIAN Et AL	1500 MIDWEST PLAZA BLDG	MPLS	MN	55402

ADDITIONS TO GENERAL LIST

STATE OF MINNESOTA

COUNTY OF RAMSEY

BEFORE the
State Board of Education

In the matter of Proposed Rules
Relating to Edu 180-199
Chapter Ten

STATEMENT OF NEED

The above captioned rule is an amendment to existing rules to the State Board of Education. The last time the above captioned rule was amended was October, 1971.

The need to adopt these rules arises because: amendment of existing rules to bring them up-to-date with new legislation.

Secretary, State Board of Education

STATE OF MINNESOTA

COUNTY OF RAMSEY

BEFORE Louis R. Smerling, et al
State Board of Education

In the matter of the Proposed
Adoption of Rules of the State
Board of Education Governing
Adoption of EDU 180-266.

FINDING OF FACTS

The above entitled matter came on for hearing before the State Board of Education of the State of Minnesota on the 8th day of December, 1973, at 9:00 A.M. in conference room D, 5th Floor, Veterans Building, St. Paul, Minnesota after proper notice required by M.S. 1971, Section 15.0412 was served upon all persons, associated and other interested groups registered with the Secretary of State for that purpose.

After affording interested persons an opportunity to present written and oral data, statements and arguments, having heard all of the testimony, having considered all of the evidence adduced and upon records, files and proceedings herein, we find the following:

1) State financial aids are granted to assist in providing transportation for school children attending public and private schools.

2) It is the duty of the State to adopt regulations that will provide for safe vehicles and their safe operation.

3) That the proposed regulations Edu 180-199 are reasonable and will provide for aid payments in accordance with the law.

4) That the proposed regulations Edu 240-259 are reasonable and update the current operating rules to be in conformance to Federal Highway Standard No. 17 (Pupil Transportation Safety) and amendments to Minnesota Statutes, Chapter 169 made by the legislature in 1973.

5) That the proposed regulations Edu 260-279 are reasonable and update the current design standards to be in conformance to Federal Highway Standard No. 17 and amendments to Minnesota Statutes, Chapter 169 made by the legislature in 1973 and Edu 262(v)(4) was not contested with respect to need but rather with regard to the effective date.

STATE OF MINNESOTA
Board of Education

Louis R. Smerling
President, State Board of Education

CERTIFICATE OF BOARD'S

ADOPTION OF RULES RESOLUTION

I, Howard B. Casmey, do hereby certify that I am secretary of the State Board of Education, a board duly authorized under the laws of the State of Minnesota, and that the following is true, complete, and correct copy of a resolution adopted at a meeting of the Board of Education duly and properly called and held on the 14th day of January 1974; that a quorum was present at said meeting; that a majority of those present voted for the resolution; that said resolution is set forth in the minutes of said meeting and has not been rescinded or modified.

> RESOLVED that the rules amending and supplementing MINNESOTA ADMINISTRATIVE RULES AND REGULATIONS -- Rules and Regulations of the State Board of Education, 1967 Edition and 1969, 1970, 1971, 1972 and 1973 Supplements, identified as Minn. Reg. Edu: 180-190 and 240-265 be and hereby are approved and adopted pursuant to the authority vested in us by M.S. 1973 Supplements, Sections 121.11; 169.45; and that the commissioner of education be and hereby is authorized to sign an order adopting these rules.

IN WITNESS WHEREOF, I have hereunto subscribed my name this 14th day of January, 1974.

Howard B. Casmey
Secretary, State Board of Education

Louis R. Sveiven
Attest by one other Officer.

State of Minnesota

Department of Education
Capitol Square, 550 Cedar Street
St. Paul, Minnesota 55101

STATE OF MINNESOTA
County of Ramsey

IN THE MATTER OF: The proposed adoption of rules of the state board of education amending "Minnesota Administrative Rules and Regulations -- Rules and Regulations of the State Board of Education," 1967 Edition and the 1969, 1970, 1971, 1972 and 1973 Supplements.

NOTICE OF PUBLIC HEARING

Notice is hereby given that a public hearing will be held pursuant to M.S. 1971, Section 15.0412, Subdivision 4, on the above entitled matter in Conference Room D, 5th Floor, Veteran's Building, St. Paul, Minnesota., 55155, on Saturday, December 8, 1973, commencing at 9:00 a.m., and continuing until all representatives of school districts, associations or other interested persons have had an opportunity to be heard concerning adoption of the proposed rules captioned above by submitting either oral or written data, statements or arguments. Statements or briefs may be submitted without appearing at the hearing.

Copies of proposed rules are available to interested persons at the State Department of Education, 736 Capitol Square Building, St. Paul, Minnesota., 55101. (Telephone: 612/296-4434).

NOTE: Copies of proposed rules, in accordance with state board of education policy, are sent to superintendents or heads of school districts.

STATE OF MINNESOTA
DEPARTMENT OF EDUCATION

COMMISSIONER OF EDUCATION

ADDENDA

In Edu 180(b), change the date from February 28, 1974 to March 31, 1974.

In Edu 184(a)(1), insert after "Any elementary or secondary pupil" the following: "for which a school district is".

In Edu 184(b)(1), delete "as a full-time equivalent pupil" and insert after "...20 days" the following phrase: "in a school year".

NOTE: Edu 240-266 is a separate stapled portion because of some revisions prior to submission to the State Board of Education. The revisor's corrections were not submitted to the State Board of Education; the references at the end of the Table of Contents should be deleted.

Minnesota Administrative Rules and Regulations

Rules and Regulations of

THE STATE BOARD OF EDUCATION

PROPOSED AMENDMENTS TO:
REGULATIONS OF THE BOARD OF EDUCATION
OF THE STATE OF MINNESOTA

To Be Submitted At A

PUBLIC HEARING

December 8, 1973

A Public Hearing on Proposed New and Amended Regulations will be held on Saturday, December 8, 1973, beginning at 9:00 a.m., in Conference Room D, 5th Floor, Veteran's Building, St. Paul, Minnesota., 55155.

* * * * * *

The official rules and regulations of the State Board of Education are contained in the 1967 Edition: "Minnesota Administrative Rules and Regulations", including the 1969, 1970, 1971, 1972 and 1973 Supplements, one copy of which has been sent to school heads of districts maintaining graded elementary and secondary schools and additional copies made available for purchase by the Documents Section, Department of Administration, 140 Centennial Building, St. Paul., 55155.

Proposed amendments and proposed new regulations, "Minnesota Administrative Rules and Regulations" (EDUCATION) are contained herein.

STATE OF MINNESOTA -- DEPARTMENT OF EDUCATION

ST. PAUL, MINNESOTA 55101

MINNESOTA ADMINISTRATIVE REGULATIONS: EDUCATION

Proposed Amendments, State Board of Education
Rules for Public Hearing: December 8, 1973, St. Paul, Minnesota

CONTENTS

Edu Section Number	
4(f)	New. Establishes a regulation regarding instruction in the misuse of drugs, alcohol, tobacco and other dependency creating chemicals.
40(a)(b)-60-67(a)-291(g)	Amends a curriculum title to comply with the currently accepted usage for the course of study.
40(a)-43(a)	Amends and add regulations to permit innovative, experimental programs that will give greater flexibility in secondary course offerings which promise increased educational results.
180-190	Amends the regulations governing the standards required for transportation or board and lodging aids.
240-266	Amends the regulations governing the operation of school buses and the standards for the design of school transportation equipment.
360-361	Amends the regulations which govern the procedures and the requirements for emergency aid.
640-643	New. Establishes regulations and policies governing veteran's education.
1-619	Amends the regulations through revisor's corrections.

MINNESOTA REGULATIONS EDU

Proposed Amendments and New Regulations for Public Hearing, December 8, 1973

Note: Changes or additions indicated by underlining; deletions by ~~strikeouts~~

CHAPTER ONE: EDU 1-19

CLASSIFICATION FOR STATE AIDS, MINIMUM REQUIREMENTS FOR ELEMENTARY AND SECONDARY SCHOOLS

Edu 4 Curriculum

(a) THE EDUCATIONAL PROGRAM. No change.

(b) GUIDANCE. No change.

(c) EVALUATION OF PUPIL GROWTH AND PROGRESS. No change.

(d) SUMMER SCHOOL. No change.

(e) AREA SCHOOL COURSES EXTENDING BEYOND THE REGULAR SCHOOL TERM. No change.

(f) CHEMICAL DEPENDENCY INSTRUCTION. Instruction in the use and misuse of drugs, alcohol, tobacco, and other chemicals shall be required of every school pupil. Instructional materials shall be made available to all schools by the state department of education. Schools shall either implement this curriculum or demonstrate that they have provided alternative curriculum or one which will accomplish similar objectives. (This section shall take effect July 1, 1974.)

CHAPTER THREE: EDU 40-59

CLASSIFICATION FOR STATE AIDS, SPECIAL REQUIREMENTS FOR SECONDARY SCHOOLS

Edu 40 Program of Studies

(a) Curriculum, general requirements

(1) No change.

(2) No change.

(3) Constants. The specific program of constants to be maintained for all pupils in any type of secondary school shall be as follows:

(aa) Junior secondary period. The minimum total pupil load for the three-year period of grades seven, eight, and nine shall be 3,150 hours consisting of required and elective subjects. Of this minimum total, there shall be 1,950 required (constant) clock hours and 1,200 elective clock hours. Elective clock hours shall be utilized to provide additional time for required and/or elective subjects.

Subject Area	Minimum Clock Hours	Elective Clock Hours
Art	90	
Communication Skills	360	
Health	60	
Home Economics or Industrial ~~Arts~~ Education	150	plus 1,200 additional
Mathematics	360	
Music	90	or elective clock hours
Physical Education	240	
Science	240	
Social Studies	360	
Required (constant) clock hours	1,950	
Elective clock hours	1,200	
Total clock hours	3,150	

Period length and grade placement of the above required (constant) and elective clock hours shall be left to the discretion of the local school board.

(bb) Senior secondary period (Grades 10, 11, 12)

~~Subject~~	~~Year-of-Course~~
~~Communication Skills~~	~~10, 11, 12~~
~~American History~~	~~10 or 11~~
~~Social Studies, which will include Social Problems~~	~~12~~
~~Physical and Health Education~~	~~10~~

Subject Area	Minimum Required Clock Hours	Credit Equivalency	Elective Clock Hours
Communication Skills	360	3	plus 2,430 additional hours to be utilized for elective subjects, supervised study, independent study, and other approved school programs.
Health	60	1/2	
Physical Education (grade 10)	60	1/2	
Social Studies Field:			
Studies of America, which will include American History	120	1	
Social Studies, which will include Social Problems	120	1	
Totals	720	6	9 or more credits

(4) Electives and experimental programs

(aa) No change.

(bb) No change.

(cc) Experimental programs. Secondary schools desiring to offer a course of program of studies that would be an exception to existing regulations may submit requests for experimental approval for such course offerings or programs. These "experimental programs" shall be reviewed by a special departmental committee appointed by the Commissioner of Education and the Commissioner of Education shall be empowered to waive the regulations that otherwise would apply if the proposed program is approved by the departmental committee.

.1 The proposal shall include:

A statement of the goals and objectives of the program.
A description of the proposed program.
A listing of the activities and procedures to be utilized in accomplishing the stated objectives.
A definite time limit for the experiment.
A statement of the evaluation procedures to be used in determining the effectiveness of the program.
An identification of the State Board of Education Regulation which the District requests to be waived for the purpose of the proposed program.

.2 Evidence shall be provided that the proposal has been given thorough exposure to students and parents, that the faculty has been involved in the development of the proposal, and that the proposal has the approval of the local board of education.

.3 If the program is evaluated positively at the end of the proposed time span, the departmental committee, acting on behalf of the Commissioner of Education, may authorize continuation of the program, even though it does not meet existing regulations. When such continuation is granted, the committee shall stipulate the specific regulations from which the program is exempt.

(5) No change.

(b) Junior secondary school. Each junior secondary school shall rpovide: general education for all pupils; special education for exceptional children; occupational preparation experiences in the practical and fine arts fields, including provision for industrial ~~arts~~ education or agriculture, home economics, music, art; library and audiovisual aids and services; and a planned guidance program.

(c) No change.
(d) No change.
(e) No change.
(f) No change.
(g) No change.

Edu 42 Basic for Secondary School Credit

(a) Basic requirements

(1) The basic for a credit course in grades 10, 11, and 12 in all types of secondary schools shall be the satisfactory completion of a course on the secondary school level, covering a minimum of ~~175 fifty-minute periods or equivalent during the regular school year~~ 120 clock hours. Length of periods and frequency of meeting will be determined by the local district. Credit units may be divided into semester, trimester, or quarter units by offering courses covering 60, 40, or 30 clock hours respectively.

~~(2) For laboratory, practical arts, and vocational courses, the periods shall be not less than 50 minutes in length, exclusive of the passing time, in schools maintaining a seven period daily schedule and not less than 55 minutes in length, exclusive of passing time, in schools maintaining a six period daily schedule.~~

(2) Credit may be given on a performance basis to any student for any elective course upon successful completion of approved examinations covering the content ordinarily included in the subject.

Edu 43 Completion of Secondary Course

(a) Graduation requirement

(1) Each pupil shall have completed ~~the 10th grade course in physical and health education required by law and shall have a minimum of twelve~~ fifteen credits earned in the 10th, 11th and 12th years of the secondary school in ~~constant~~ required and elective courses. ~~approved by the Commissioner of Education.~~

(2) Such credits shall always include:

(aa) No change.

(bb) A minimum of two credit courses in the social studies field: one credit in Studies of America which will include American History, and one credit in twelfth grade social studies which will include social problems.

(cc) ~~Seven~~ Nine additional credit courses from any of ~~the various fields of science, mathematics, social studies, foreign language, fine and practical arts, and occupational or vocational education.~~ the approved curriculum of the local school district.

CHAPTER FOUR: EDU 60-79

VOCATIONAL EDUCATION

Edu 60 Application for Approval of Departments and Classes. Written application for the approval of agriculture, business and office, distributive, home economics, trade and industrial education, vocational education for health occupations and technical occupations, and industrial ~~arts~~ education departments or classes to be established by school districts in classified secondary and post secondary schools shall be made to the state board for vocational education (state board of education).

Edu 61 No change.
Edu 62 No change.
Edu 63 No change.
Edu 64 No change.
Edu 65 No change.
Edu 66 No change.
Edu 67 Industrial ~~Arts~~ Education.

(a) Requirements for an approved program.

(1) At least two full years of industrial ~~arts~~ education instruction shall be maintained in a department in a junior secondary school, at least one full school year in a department in a senior secondary school, and at least three full school years in an industrial ~~arts~~ education department in any other type of secondary school.

(2) Industrial ~~arts~~ education shall be required for all 7th and 8th grade boys in an approved department with the exception that any pupil may be excused for reason of health or physical disability.

(3) Additional courses in industrial ~~arts~~ education in an approved department shall be offered in the 9th, 10th, 11th, and 12th years.

(4) In the smaller school, when the total number of pupils electing senior secondary school industrial ~~arts~~ education is not sufficient to make separate classes for years 10, 11, and 12, pupils from these years may be combined into one class. The

instruction must be planned so that the pupil will not repeat the same instructional units in two successive years.

(5) No change.

(6) Time allotments, junior secondary school.

(aa) Industrial ~~arts~~ education instruction below the ninth school year shall be offered under one of the following plans:

Plan A. No change.
Plan B. No change.

(bb) Industrial ~~arts~~ education instruction in the ninth year shall be offered at least five periods per week throughout the year.

(7) Time allotments, senior secondary school. All courses in industrial ~~arts~~ education which are maintained at the senior secondary school level shall be scheduled for a minimum of five periods per week throughout the school year.

CHAPTER FIFTEEN: EDU 280-299

CERTIFICATES, CLASSROOM AND SPECIAL CLASS TEACHERS

Edu 291 Minimum Requirements for Preparation of Teachers in Certain Teaching Fields.

(g) Industrial ~~arts~~ education, non-vocational agriculture and non-vocational home economics teachers.

The prospective teachers in the fields of industrial ~~arts~~ education, non-vocational agriculture and non-vocational home economics shall have major preparation. (Effective September 1, 1966.)

NOTE: Subjects or subject fields such as business education, distributive education, music and art remain under Edu 281 (a)(2).*

* Former Edu 281(a)(1).

CHAPTER TEN: EDU 180-199

TRANSPORTATION OR BOARD AND LODGING,
STANDARDS FOR AID

Edu 180 Application and Claim:

(a) A district making application for aid for transportation or board and lodging under ~~Extra Session Laws 1959, Chapter 71, Article V, Section 22, 32 33 (M.S. 124.22 and 124.32 33)~~ Laws 1973, Chapter 683, Sections 11 and 12 (M.S. 124.222 and 124.223), for the fiscal year ending June 30, 1975 and each June 30 thereafter, shall ~~apply and~~ report to the state ~~board~~ department of education and all claims submitted shall be postmarked not later than July ~~10~~ 31 after the close of the school term for which aid is claimed in order to qualify for final payment at the regular time.

(b) Each district shall report to the state department of education all claims for the year ending June 30, 1973, consistent with Edu 185. All reports shall be postmarked not later than February 28, 1974. This report shall be the basis of determining the limits to which a district is entitled to state aid for transportation or board and lodging. In the event that a district thereafter provides transportation or board and lodging for which no base cost has been determined, the commissioner shall be responsible for assessing like costs and assigning a base cost to such district.

(c) For the fiscal year ending June 30, 1974, each district shall file a report pursuant to subdivision (a). This report and the year-end reports required in subdivision (a) shall provide the pupil counts on which the following September, December and March payments of 30% will be paid.

Edu 181 ~~Application, New Eligible Districts. The board of any school district not receiving transportation aid prior to July 1, 1957 which currently has met the legal requirements for eligibility stated in subdivision 1 of Extra Sessions Laws 1959, Chapter 71, Article V, Section 22 (M.S. 124.22 Subd. 1), viz.: (1) be an independent district, (2) contain not less than 18 sections of land, (3) have suitable schoolhouses with necessary rooms and equipment, (4) be in session at least nine months of the year, shall complete and submit an application not later than August 1 preceding the school year for which reimbursement aid is to be claimed.~~

~~(a) Suitable schoolhouses, definition. "Suitable schoolhouses with necessary rooms and equipment" for the purpose of this regulation means such as to enable the school in the independent district, to which resident pupils and others are transported, to qualify for classification as a graded elementary school, grades 1 6 or 1 8, housed in an approved elementary school building, or housed in an approved building containing the classified graded elementary school and a classified secondary school.~~

~~(b) Required application data. Application shall include:~~

~~(1) Plat (map) of the present school district. Use scale of one inch to one mile or larger.~~

~~(2) Statement from county auditor certifying that plat is correct.~~

~~(3) Alphabetical list of all resident pupils transported with current grade in school and distance to be transported.~~

~~(4) A copy of current transportation contract or contracts for the resident pupils.~~

~~(5) List of districts from which nonresident pupils are transported together with an alphabetical list of names, by districts, of these pupils and their grades in school.~~

~~(6) Statement of enlargement procedure used with effective date or dates of initial independent school district status.~~

Repealed. Reserved for future use.

Edu 182 Certification of Eligible Pupils. No change.

Edu 183 Aid Limitation

(a) No change.

(b) Transportation aid for any eligible pupils will be granted on the authority of only one ~~subdivision~~ clause of ~~Extra Session~~ Laws ~~1959~~ 1973, Chapter ~~71~~ 683, ~~Article V~~ Section ~~22~~ 12, ~~Subdivision 1, 2*, 3, 4 and 5*; Section 32, Subdivision 3; or Section 33, Subdivision 3~~ Clauses (1), (2), (4), (5) and (6) (M.S. ~~124.22~~ 124.223, ~~Subs. 1 5*; 124.32 Subd. 3; 124.33 Subd. 3~~ Clauses (1), (2), (4), (5) and (6)).

~~*Subds. 2 and 5 repealed, Laws 1965 c 805 s 3.~~

Edu 184 Eligible Pupils. ~~Effective July 1, 1971 eligible pupils include:~~

(a) Resident Pupils

(1) ~~Independent and Special districts.~~ Any elementary or secondary pupil ~~who is a resident of an independent or special district~~ entitled to transportation aid under the under the provisions of Laws 1973, Chapter 683, Section 12 (M.S. ~~124.22~~ 124.223) ~~and resident pupils entitled to transportation under the provisions of M.S. 123.76 123.79. (See section Edu 181.)~~ and Sec. 16, Subd. 6 (M.S. 124.32, Subd. 6.)

~~(1)~~(aa) ~~Every such~~ Each eligible pupil transported pursuant to Laws 1973, Chapter 683, Section 12(1) (M.S. 124.223(1)), to be included for transportation ~~reimbursement~~ aid, shall reside a walking distance of one mile or more from the school building attended or which could be attended, ~~as provided by M.S. 124.22~~ but in the case of a private school only to the extent permitted by M.S. 123.76 to 123.79 with respect to private school pupils.

~~(2) Eligibility of any pupil who is a resident of a district defined in "a" above shall continue unaffected by any later reorganization of that district or incorporation of the area.~~

~~(b) Any isolated pupil in the elementary grades . . . Repealed, Laws 1965 Chapter 805 Section 3~~

~~(c) Any handicapped child, as defined in Extra Session Laws 1959, Chapter 71, Article I, Section 3, Subdivisions 1, 2, and 5 (M.S. 120.03 Subds. 1 3), approved by the state board of education for enrollment in special education classes or programs who due to his physical or mental condition cannot be transported on a regular school bus but must be provided special transportation (Extra Session Laws 1959 Chapter 71, Article V, Section 32, Subdivision 3) M.S. 124.32 Subd. 3).~~

~~(d) Any trainable child, as defined in Extra Session Laws 1959, Chapter 71, Article I, Section 4 (M.S. 120.04), approved by the state board of education for enrollment in special education classes or programs (Extra Session Laws, 1959, Chapter 71, Article V, Section 33, Subdivision 3) (M.S. 124.33 Subd. 3).~~

~~(e)~~ (2) Any secondary pupil or an area vocational-technical school pupil, who is a resident of a district not maintaining a secondary school or area vocational-technical school or vocational classes and is transported to a district having a classified secondary or area vocational-technical school or vocational classes at the expense of the resident district.

~~(f) Closed school district pupils, transportation...Repealed, Laws 1965 Chapter 805, Section 3.~~

(3) Any elementary pupil for whom the commissioner has determined that transportation is necessary because of extraordinary traffic hazards, subject to such budget limitations as are imposed by current legislation.

(b) Full-time equivalents.

For purposes of establishing base costs per pupil and for paying transportation liabilities of the state pursuant to M.S. 124.222 and 124.223, equivalent pupil units shall be computed (to the nearest .01).

(1) For regular transportation of children pursuant to M.S. 124.223(1) and (2), no pupil transported less than 20 days shall be counted as a full-time equivalent pupil.

(2) For transportation of children to a secondary vocational center pursuant to clause (a)(2) of this section or M.S. 124.223(3), each pupil transported 20 or more days shall be counted according to term of enrollment as follows::

Half-semester	1/4	full-time	equivalent	pupil	
Quarter	1/3	"	"	"	"
Semester	1/2	"	"	"	"
Regular School Year	1	"	"	"	"

(3) For transportation of handicapped children pursuant to M.S. 124.223 (4), (5) and (6), the number of full time equivalent pupils shall be the sum of the number of days in attendance and transported for each child divided by 175 with no ratio to exceed one.

(4) For board and lodging, pursuant to M.S. 124.223(2) and (4), the same rule applies as in sub-clause (3) above,

(5) For summer school transportation, pursuant to M.S. 124.223(7), a pupil other than a handicapped child shall be counted one-sixth of a full-time equivalent pupil.

(6) For summer school transportation of handicapped children, pursuant to M.S. 124.223(7), the rules in clauses (3) and (4) above will apply.

(7) Summer school pupils are counted with the pupils in the following school year.

Edu 185 Determination of Costs

(a) In determining transportation costs to be used by any district as the basis for ~~reimbursement claims~~ state aids, the following shall apply:

(1) ~~Cost~~ Actual cost means the ~~actual~~ net operating cost ~~including actual depreciation~~, per eligible pupil transported ~~to the school attended and is to be based upon the total days transported.~~ or given board and lodging. Basic cost is such cost in a given category for the 1972-73 year. Current cost is such cost in a given category for the year of payment. The categories of cost are the same as listed in Edu 184(b) except that transportation to vocational centers within a district shall have no basic cost. The commissioner shall establish a basic cost for such transportation and for any other category for which a district had no experience in 1972-73.

(aa) For any current year, the amount of state aid to be paid to a district other than St. Paul and Minneapolis will be (1) the actual cost per full-time equivalent pupil or (2) the basic cost per full-time equivalent pupil augmented as provided in law, whichever is smaller, reduced by the amount of one mill (.001) times adjusted assessed valuation of the district. In Minneapolis and St. Paul, the state aid to be paid is equal to 80% of the actual cost per full-time equivalent pupil or the basic cost per full-time equivalent pupil augmented as provided in law, whichever is smaller.

(bb) Payments of 30% of transportation aid are made to a district in September, December and March based on the full-time equivalent pupils transported the previous year. The amount to be paid is the basic cost per full-time equivalent pupil augmented as provided in state law. If no maximum is indicated, payments per pupil shall not exceed 5% over the previous year. If the cost of transporting children is increasing greatly due to increased enrollment or new or expanded programs, the commissioner may authorize the payment of aids on a larger number of full-time equivalent pupils.

(cc) In August following the current year, a final payment shall be made based on current year full-time equivalent pupils and costs as provided in clause (a) less previous payments made.

~~(2)~~(b) In addition to the transportation costs, depreciation aid shall be paid to each eligible district. Depreciation shall be ~~straight line depreciation~~ calculated at ten percent per school year in each year of the ten following the year of purchase ~~and shall be included as part of the allowable reimbursement, but the aggregate of the approved annual claims for depreciation~~ on each school bus of more than ~~twelve~~ sixteen passenger capacity covered by the minimum conventional school bus standards ~~shall not exceed eighty percent of the initial cost of the bus.~~

Such depreciation aids shall be paid in a lump sum in the month of September. For purposes of transportation levies, the last available depreciation amount shall be used.

~~(aa)~~(1) The conventional type, forward control and pusher type vehicles which conform to the established state minimum standards are eligible to earn depreciation aid in accordance with the rules established by the state board of education. ~~Such eligibility shall be retroactive to July 1, 1966.~~

~~(bb)~~(2) Remounted school bus body and chasis units shall not be eligible for depreciation aid. Exceptions may be made by the commissioner of education when it is determined that the safety of the unit is not adversely affected.

~~(3) To avoid duplicate claims by school districts for the same pupil, claims for reimbursement aid for resident pupils shall be submitted only for pupils who have been transported twenty or more days.~~

~~(4) When pupils eligible for reimbursement aid under different subdivisions of the transportation aid laws are transported on the same school bus, the cost to be used for determining maximum allowable reimbursement aid shall be prorated on the basis of the average cost per pupil conveyed on that bus.~~

(c) Whenever the commissioner determines from an application made by a school district in a form prescribed by the commissioner that transportation is necessary for an otherwise ineligible elementary pupil because of extraordinatry traffic hazards, he may authorize aids to be paid to such district for the transportation of such child. Authorization for transportation for this purpose shall not exceed the amount prescribed by law.

~~(5)~~(d) When two or more children from the same family residence are transported by the parent or guardian to the same school in a family vehicle, cost for ~~reimbursement~~ state aid purposes is to be calculated on the basis of one child only.

~~(b)~~(e) ~~Reimbursement claims submitted~~ Claims for aid which involve duplication of state funds to be paid for any pupil transported will not be approved.

(f) Any district in which pupils receive transportation between school buildings within the district for instructional purposes may receive transportation aid if a plan for the program and required transportation is submitted to and approved by the commissioner of education. The amount of such aid shall be specified by the commissioner upon consideration of a proposed budget. All plans and applications must be submitted to the commissioner for approval prior to July 1 of the fiscal year in which the plan is to be placed in effect. It shall be necessary to renew the plan each year with budget and other modifications as warranted in order to continue the plan.

~~(e)~~(g) All extracurricular and other special trips, not involving transportation from home to school or special education facility and return or from school to a vocational center or special education facility and return and ~~not reimbursable from~~ eligible for state ~~funds~~ aids, shall be accounted for, as to the number of miles traveled, number of resident pupils involved, and total cost for such trip or trips, by ~~each~~ the board of ~~any~~ each school district from which such ~~nonreimbursable~~ trips not authorized by M.S. 124.223 are made during the year.

(h) Notwithstanding any rule to the contrary, handicapped children may be transported beyond school district boundaries if the district school board deems that such transportation is educationally necessary.

(i) Districts which are responsible for the education of handicapped children residing in state institutions shall provide the necessary transportation and collect the transportation aids for all such pupils regardless of the district of residence pursuant to Laws 1973, Chapter 683, Section 16 (M.S. 124.32, Subd. 6.)

Edu 186 Transportation Contracts. No change.

Edu 187 Bus Rental Contracts. No Change.

Edu 188 Commissioner's Rules, Transportation Contracts. No change.

Edu 189 Planning Detail, Records. The school board in making arrangements for pupil transportation to and from school shall determine and maintain supporting records of the following, when applicable:

(a) ~~Course~~ Routes of the regular and special school buses ~~routes~~.

(b) Location of regular and special school bus loading areas.

(c) Time schedule for all school bus routes.

(d) Any changes to be made in school bus routes during the school year and the giving of adequate notice thereof.

(e) ~~Whether~~ Evidence that all bus drivers are legally qualified.

(f) ~~The establishment of local~~ Local pupil transportation policies.

(g) The distance each pupil transported resides from the school attended or if nonpublic the district line to which transported.

Edu 190 Regulations Relating to Equal Transportation

(a) Policy Statement. In accordance with ~~Laws 1969, Chapter 570 (codified as~~ Minn. ~~Stat. Sec.~~ 123.76-123.79~~)~~, it is the policy of the state board of education that school districts provide free and equal transportation for all school children of the state ~~residing in school districts which are eligible for state reimbursement for transportation cost pursuant to Minn. Stat., Chapters 123. and 124.~~

(b) Pursuant to the policy set out in Edu 190(a), the state board of education:

(1) shall provide transportation aid ~~in the form of reimbursement~~ in accordance with ~~Minn. Stat. Sec. 124.22~~ Edu 180 through Edu 199 for transportation provided by the school board for resident pupils to and from eligible schools located within the district.

(2) shall provide transportation aid ~~in the form of reimbursement~~ in accordance with ~~Minn. Stat. Sec. 124.22~~ Edu 180 through Edu 199 for transportation provided by the school district for resident pupils attending eligible schools located outside of the district, provided that the ~~reimbursement~~ aid shall be for only so much of the trip as is within the district of residence and, provided further that transportation aid may only be provided for such pupils within the limits specified in Edu 190(c).

(3) shall not provide transportation aid where a school district elects to provide transportation for non-resident pupils to a school or schools within its district.

(4) shall not provide transportation aid where a school district elects to provide transportation for non-resident pupils through its district enroute to a school located in another district.

(c) No change.

(d) No change.

(e) The school board of the district of residence may make contractual arrangements with private bus operators, non-public schools, public transit operators, parents, and/or other school districts for the transportation of school pupils for any portion of the pupils' trip to or from school, provided that the board ascertains that it is only paying for and claiming state ~~reimbursement~~ aid for that portion of the trip that is within the district of residence.

(1) No change.

(2) No change.

(3) No change.

(f) No change.

~~(g) These regulations shall be effective upon adoption by the state board.~~

Edu 191-199 Reserved for future use.

CHAPTER NINETEEN: EDU 360-379

EMERGENCY AID TO DISTRESSED SCHOOL DISTRICTS

~~(Pursuant to M.S. 124.24)~~

~~"124.24 EMERGENCY AID. --Emergency aid is money paid by the state to a district which by reason of calamity, high tax delinquency or excessived debt, or a combination thereof, or by other justifiable cause is unable by taxation to collect sufficient revenue to maintain its schools therefrom on minimum standards established by the state board. --Such aid will be paid only when specifically directed by the state board."~~

Edu 360 Application ~~and Standards~~ for ~~Use of~~ Funds

(a) Application for ~~assistance~~ emergency aid pursuant to M.S. 124.24 may be made whenever the school board of a district determines that an emergency exists ~~and shall be made at least forty five days prior to consideration by the state board of education.~~

~~(b) The state board of education will consider emergency aid applications at its regular quarterly meetings in September, December, March, and June.~~

~~(c) Emergency aid may be used after the funds have been made available for:~~

~~(1) Payment of salaries for the required teachers and other necessary employees.~~

~~(2) Payment of tuition and transportation of pupils.~~

~~(3) Purchase of needed textbooks, library books, instructional materials, equipment and supplies.~~

~~(4) Upkeep and improvement of school plant when contracts have been entered into after the application has been approved by the state board of education.~~

~~(5) Construction or repair of a school building which has been damaged or destroyed by fire, wind, hail, water or other causes to such an extent that the district is unable to finance the repairs or replacement by using its local bond or taxing power so that school can be maintained.~~

~~(d)~~ (b) Application forms, ~~Code IX C 11~~ F29-9, for emergency aid shall be prepared in duplicate, one for the school district's file and one to be sent to the state department of education. Accompanying the application there shall be ~~fifteen copies of~~:

(1) A statement justifying the reason for needing emergency aid.

~~(2) A list of names, positions, and monthly salaries of all the employees of the district.~~

~~(3) A detailed breakdown of the requests for emergency aid, showing amounts needed for instructional and other services, or instructional materials and equipment based on lowest quoted prices to a school district from commercial firms and grouped according to department needs such as Industrial Arts, Home Economics, Library, etc.~~

~~(4)~~ (2) A statement of detailed estimated costs of proposed repairs, construction, or other improvements for buildings and sites ~~for which~~ when emergency aid is to be used for this purpose. ~~The~~ The amount requested is to be based on bids or estimates prepared either by architects, contractors or commercial firms.

(3) Form F29-9 Supplement when emergency aid is to be used for the elimination of deficit cash balances.

(4) A statement of the causes of a cash deficiency whenever emergency aid is to be used to balance a budget in a given fiscal year.

~~(e)~~(c) The state board of education ~~before~~ as a condition of granting emergency aid, pursuant to M.S. 124.221, may require changes in school district management or organization that will secure efficient and economical school administration, such as closing ~~the~~ a school or merging or consolidating the district with another district.

~~(f) School districts receiving emergency aid shall make a report on form Code IX-C-11a to the state board of education at the close of the school year indicating how emergency funds were spent.~~

(d) If the assessment of the financial situation of the district would be enhanced by receipt of the year-end Financial Report, the state board of education may approve 60% of the amount of the emergency grant determined on the basis of preliminary information prior to the end of the year and may approve the balance of the emergency grant as based on final information received at year end. Each payment shall be deemed a separate grant.

Edu 361 Criteria

(a) Along with other information in considering an application for emergency aid, the state board of education will take into account ~~whether or not the following factors exist in the district:~~

~~(1) The assessed value per pupil unit in average daily attendance is less than $1,500 based on the auditor's assessed valuation.~~

~~(2) The adjusted assessed valuation, as determined by the equalization aid review committee, per pupil unit in average daily attendance, is less than $4,500.~~

~~(3) The total indebtedness including bonds and orders not paid for want of funds, exceeds 45% of the total assessed valuation or 15% of the adjusted assessed value of all taxable property therein as determined by the equalization aid review committee.~~

~~(4) The total local effort based upon the latest available data shall exceed the effort exerted by at least 75% of the schools maintaining classified secondary schools. (Total local effort is defined as the total expenditures of local funds per pupil unit divided by the adjusted assessed (E.A.R.C.) value per pupil unit.)~~

(1) Local resources (for example: income, one year's projected excess income, assets, long-term bonding, temporarily delayed receivable income, special permitted levies, potential income by referendum) to alleviate the emergency, which are available.

(2) Whether maximum levies had been made prior to the application for emergency aid and whether maximum levies will continue to be made after application.

(3) Whether the receipts and disbursements for operating costs of the district (general, food, transportation and auxiliary school funds) are in balance for the following fiscal year and if not, whether a plan exists for bringing expenditures down to the level of disbursements.

(4) Whether the speed-up of payment of July-August salaries to a current basis has been excluded from the grant application.

(5) Whether salary negotiaions for the current year have been finalized.

(6) Whether all liabilities in the application have been calculated or estimated on a cash basis.

(b) No grant application shall be considered unless:

(1) The amount of the grant has been adjusted for the local effort possible in Edu 361(a)(1).

(aa) No bonding effort shall be required if the levy to provide payment for the bond is for a term of five years or less or if the amount of the levy in a single year is less than $4,500.

(bb) No refunding of debts shall be required.

(2) The district has made maximum levies or provides a reason for not doing so which is acceptable to the state board of education.

(3) The district has a projection or plan for being in financial balance.

Edu 362-279 Reserved for future use.

~~Note: Code IX-B-164(Rev.), which may be obtained upon application, contains additional required information relating to the district.~~

CHAPTER THIRTY-TWO: EDU 640-659

VETERANS EDUCATION

(ALL NEW MATERIAL)

Edu 640 Teacher Certification

(a) Teachers of courses or portions of courses approved on an accredited basis under the provisions of Section 1775, Chapter 36, Title 38, United States Code must be certified by the Minnesota State Department of Teacher Certification.

(b) Requirement in (a) above does not apply to teachers who were employed to teach on December 28, 1971, and have subsequently been continuously employed teaching a course approved on an accredited basis for training veterans and other eligible persons under Public Laws 89-358, 90-631, or 91-219.

Edu 641 Veterans Refund Policy

(a) Institutions offering courses approved under Section 1775, Chapter 36, Title 38, United States Code on an accredited basis will have and maintain a policy for the refund of the unused portion of tuition, fees, and other charges in the event the eligible person fails to enter the course or withdraws or is discontinued therefrom at any time prior to completion and such policy must provide that the amount charged to the eligible person for tuition, fees, and other charges for a portion of the course shall not exceed the approximate pro-rate fees and other charges that the length of the completed portion of the course bears to its total length. This requirement applies only to veterans and other eligible persons enrolling on or after February 1, 1972.

(b) Veterans and other eligible persons must be given a copy of the veterans refund policy upon their enrollment.

Edu 642 Employability Requirement

(a) Pursuant to the provisions of Veterans Administration directive, PG 21-1, Change 134, Section M-24 (Revised) February 3, 1970, Veterans Administration D.V.B. Circular 21-70-8 (June 5, 1970), and Veterans Administration D.V.B. Circular 21-71-8 (May 18, 1971), regarding courses approved for veterans education on either an accredited basis or on a non-accredited basis, the State Approving Agency will require (effective February 1, 1972) that all schools offering educational courses below college level and approved for Veterans Education under Public Laws 89-358, 90-631, and 91-219 demonstrate that at least 51 per cent of the graduates of such courses over the preceeding two-year period were employed in bonafide positions in the occupation for which they were trained by the course.

(1) Graduates who refuse bonafide job offers will be considered as employed.

(2) Graduates indicating upon graduation that they are not interested in securing employment will not be included in the computation of percentage of graduates employed.

Edu 643 State Approving Agency Criteria for Approval of Veterans Cooperative Farm Management Courses

(a) A MAXIMUM of 23 trainees may be enrolled in one "FARM COOPERATIVE" training course taught by one full-time instructor. This maximum includes all emrollees in the course.

(b) All veterans enrolled in a "FARM COOPERATIVE" course must keep appropriate farm accounts of the farm upon which they are employed in the "MINNESOTA FARM ACCOUNT BOOK".

(c) Each veteran enrolled in a "FARM COOPERATIVE" course must submit his "MINNESOTA FARM ACCOUNT BOOK" for electronic analysis annually. (Such as Agricultire Records Coop - Madison, Wisconsin)

(d) The instructor of a "FARM COOPERATIVE" course must make at least one visit per month to the farm of each veteran enrolled in the course.

(e) The instructor of a "FARM COOPERATIVE" course must be certified by the State of Minnesota Department of Teacher Certification and by approved by the Vocational Agriculture Unit of the Minnesota State Department of Education.

Edu 644-659 Reserved for future use.

MINNESOTA REGULATIONS EDU

Proposed Amendments and Proposed New Regulations
for Public Hearing, December 8, 1973

NOTE: Changes or additions indicated by underlining; deletions by ~~strikeouts~~.

CHAPTER THIRTEEN: EDU 240-259

RULES, OPERATION OF SCHOOL BUSES

EDU 240 Operation of Type I School Buses Carrying More Than ~~12~~ 16 Pupil Passengers ~~(Effective date: July 1, 1970.)~~

The operating rules stated in the following subdivisions shall govern the operation of Type I school buses used for the transportation of school children when owned and operated by a school district or privately owned and operated under a contract with a school district.

(a) No change.

(b) All buses shall load and unload in the right lane of the roadway, at pupil stops on bus routes approved by the Administrative Officer. ~~In no event shall buses~~ Loading or unloading in a Designated Turn Lane or in a lane immediately adjacent to a Designated Turn Lane is prohibited.

(c) No change.

(d) Instruction in safe riding practices and ~~Safety~~ safety drills for the pupil passengers, using the entrance door and the emergency exit door, shall be conducted at least twice a year under the direction or supervision of the administrative officer.

(e) No change.
(f) No change.
(g) No change.
(h) No change.

(i) The Driver:

(1) Shall bring the bus to a full stop and disengage gears by shifting ~~gear shift lever~~ into NEUTRAL or PARK ~~position~~ before loading and unloading pupils.

(2) Shall use the pre-warning amber flashing signals, flashing red signals, and stop signal arm ~~and flashing red signals~~ in accordance with M.S. 169.44.

(3) Shall stop at all railroad crossings whether carrying passengers or not in accordance with M.S. 169.28. 8-Lamp pre-warning alternately flashing amber signals and flashing red stop signals shall not be used at railroad crossings.

A school bus shall not be flagged across railroad grade crossings except at such railroad grade crossings as the local school administrative officer may designate.

Flagging shall be done in the following manner: No change.

(4) No change.
(5) No change.
(6) No change.

(j) No change.
(k) No change.

~~(l)~~ (n) (~~k~~) recoded as (n)

(~~k~~) TIRE REQUIREMENTS (Applies to all TYPES of vehicles.)

(1) Front wheels

(aa) No recapped tires shall be used . . . M.S. 169.44, Subd. 11.

(bb) Tire tread depth shall not be less than 4/32 inch in any two adjacent major tread grooves at three equally spaced intervals around the circumference of the tire.[1]

(2) Rear wheels

(aa) Recapped tires permitted on rear wheels.

(bb) Tire tread depth shall not be less than 2/32 inch in any two adjacent major tread grooves at three equally spaced intervals around the circumference of the tire.[1]

(3) All Wheels: Not acceptable if:

(aa) Tire regrooved or recut below original groove depth when extra under-tread rubber was not provided for this purpose.[1]

(bb) Tire has unrepaired fabric break or was repaired by use of a boot or blowout patch.[1]

(cc) Tire has a bump, bulge, knot or separation.[1]

(dd) Tire has exposed or damaged body cords.[1]

(ee) Tire has reinforcement repair to the cord body.[1]

(m) A daily pretrip inspection shall be conducted on every school bus. Any defects or deficiencies that may affect the vehicle's safe operation or result in a mechanical breakdown shall be promptly reported in writing to the administrative officer.

(n) No change.

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[1]USA Standard Inspection Procedures for Motor Vehicles, USAS D 7.1-1968. Issued by United States of America Standards Institute, 1430 Broadway, New York, N.Y. 10018.

EDU 241 Operation of ~~Small-Vehicles:--Automobiles,-Station-Wagons,-Carryalls, Suburbans,~~ Type III School Buses Carrying ~~12~~ 16 or Less Pupil ~~Passengers. (Effective-date:--July-1,-1970)~~ (Includes automobiles, stationwagons and other vehicles designed for carrying 9 or less.)

The operating rules stated in the following subdivisions shall govern the operation of ~~small-vehicles~~ Type III school buses used for the transportation of school children ~~in-regular-routes-to-and-from-school~~ when owned and operated by a school district or privately owned and operated under a contract with a school district.

(a) No change.

(b) The Driver:

~~(1)--Shall-bring-the-vehicle-to-a-full-stop-and-disengage-gears-by-shifting gear-shift-lever-into-neutral-position-or-selector-into-neutral-or-park-position before-loading-or-unloading-pupils.~~

(1) SHALL NOT operate vehicle as a Type I or Type II bus.

(aa) SHALL NOT stop traffic.

(bb) SHALL NOT load or unload in a vehicular traffic lane or on the shoulder. SHALL BE restricted to curb, non-traffic side (normal parking lane), off street loading areas, driveways, yard service, and other areas to avoid any hazardous conditions.

(cc) SHALL NOT load~~ing~~ or unload~~ing~~ in the right hand lane of the roadway, designated turn lane, or lane immediately adjacent to a designated turn lane. ~~is prohibited.~~

(dd) SHALL NOT load or unload so that a child has to cross the road. Where not possible or impractical, the driver or aide shall personally escort the child across the road. If driver escorts, the motor must be stopped, ignition key removed, brakes set and vehicle otherwise rendered immobile.

~~(2)--Shall-use-the-alternately-flashing-amber-signals-and-display-school-bus sign-in-accordance-with-M.S.-169.44.--(Required-only-on-vehicles-operating-outside of-an-incorporated-municipality).~~

(ee) SHALL NOT load or unload before making a complete stop and disengaging gears by shifting into NEUTRAL or PARK.

~~(3)--Shall-stop-at-all-railroad-crossings-whether-carrying-passengers-or not-when-school-bus-sign-is-displayed-in-accordance-with-M.S.-169.28.~~

(2) SHALL NOT operate as a school bus, whether carrying pupil passengers or not, without displaying the "Vehicle Stops At RR Crossings" sign and stopping at all railroad crossings. See Edu 264, (2), (bb).

Note: Sign may be covered or removed when vehicle is not operating as a school bus.

~~(4)---Shall-load-or-unload-pupils-only-where-the-view-is-unobstructed-to-the motorist-for-500-feet-in-either-direction,-clear-of-the-main-traveled-portion-of the-roadway,-on-the-non-traffic-side-of-the-vehicle,-and-where-no-other-hazardous conditions-exist.~~

~~NOTE:~~ Note recoded as (1)(cc)

~~(5)---Shall-load-or-unload-in-such-a-manner,-except-where-impractical,-that-the child-need-not-have-to-cross-the-road.--When-a-child-must-cross-the-road,-it-is-the responsibility-of-the-driver-to-escort-the-child-across-the-roadway-after-first stopping-the-motor,-removing-the-ignition-key,-setting-the-brakes,-and-otherwise rendering-the-vehicle-immobile.~~

(c) No change.

~~(New-Edu-241,--Approved-and-filed-March-5,-1970)~~

Edu 242-259 Reserved for future use.

Proposed Amendments and Proposed New Regulations
for Public Hearing, December 8, 1973

NOTE: Changes or additions indicated by underlining; deletions by ~~strikeouts~~.

CHAPTER FOURTEEN: EDU 260-279

DESIGN OF SCHOOL TRANSPORTATION EQUIPMENT, STANDARDS

EDU 260 DESIGN, GENERAL. No change.

(a) No change.

EDU 261 SCHOOL BUS CHASSIS. No change.

(a) AIR CLEANER. No change.

(b) AXLES. No change.

(c) BATTERY. No change.

(d.1) BRAKES. No change.

(d.2) THE FOLLOWING PROVISIONS FOR BRAKES SHALL SUPERSEDE THOSE SHOWN ON ALL SCHOOL BUS CHASSIS MANUFACTURED AFTER JANUARY 1, 1968. No change.

(e.1) BUMPER, FRONT. No change.

(e.2) BUMPER, REAR. No change.

(f) CERTIFICATION. No change.

(g) CLUTCH. No change.

(h) COLOR.

(1) BUSES NOW IN SERVICE (Manufactured prior to June 2, 1973. See M.S. 169.44, Subd. 7.)

(aa) Chassis, including wheels, front fenders and front bumper, shall be black; hood and cowl shall be in Minnesota School Bus Golden Orange, Dupont # 1051 or its approved equal.

.1 OPTION: Front fenders may be painted golden orange or glossy black.

.2 OPTION: The following may be other than orange or black:

Wheel rims
Chassis grills
Mirror backs, rims and mounting brackets
Reflector housings
Window frames
Accessories and other minor trim items, See BODY COLOR, Edu 262(h).

(2) NEW BUSES (Manufactured after June 1, 1973. See M.S. 169.44, Subd. 7.)

(aa) Chassis including front bumper and wheels shall be painted glossy black, color 17038; hood and cowl shall be painted National School Bus Glossy Yellow, color 13432, except that the hood shall be either that color or lusterless black, color 37038.

.1 OPTION: Front fenders may be painted glossy yellow or glossy black.

.2 OPTION: The following may be other than yellow or black:

Wheel rims
Chassis grills
Mirror backs, rims and mounting brackets
Reflector housings
Window frames
Accessories and other minor trim items, See BODY COLOR, Edu 262(h).

(i) COOLING SYSTEM. No change.

(j) DRIVE SHAFT. No change.

(k) ELECTRICAL SYSTEM. No change.

(l) EXHAUST SYSTEM. No change.

(m) FENDERS, FRONT. No change.

(n) FRAME. No change.

(o) FRAME LENGTHS. No change.

(p) FUEL TANK. No change.

(q) GENERATOR OR ALTERNATOR. No change.

(r) GOVERNOR. No change.

(s) HEATING SYSTEM. No change.

(t) HORN. No change.

(u) INSTRUMENTS AND INSTRUMENT PANEL. No change.

(v) OIL FILTER. No change.

(w) OPENINGS. No change.

(x) PASSENGER LOAD. No change.

(y) POWER AND GRADEABILITY. No change.

(z.1) SHOCK ABSORBERS. No change.

(z.2) SPRINGS. No change.

(z.3) STEERING GEAR. No change.

(z.4) TIRES AND RIMS. No change.

(z.5) TRANSMISSION. No change.

(z.6) UNDERCOATING AND/OR RUST PROOFING. No change.

(z.7) WEIGHT DISTRIBUTION. No change.

(z.8) WHEELS. No change.

(z.9) WARRANTY. No change.

EDU 262 SCHOOL BUS BODY

(a) AISLE. No change.

(b) BATTERY. No change.

(c) BODY SIZES. No change.

(d) BOOK RACKS. No change.

(e.1) BUMPER, FRONT. No change.

(e.2) BUMPER, REAR. No change.

(f) CEILINGS. No change.

(g) CHAINS. No change.

(h) COLOR

(1) BUSES NOW IN SERVICE (Manufactured prior to June 2, 1973. See M.S. 169.44, Subd. 7.)

(aa) School bus body including hood and cowl shall be painted uniform color, Minnesota School Bus Golden Orange, Dupont 1051 or its approved equal, according to specifications available from General Services Administration.

.1 RUB RAILS. A minimum of three shall be black.

.2 Rear bumper, rear fenders (if used) and lettering shall be black. See IDENTIFICATION, APPROVED LETTERING: Edu 262(r)(2) and M.S. 169.44, Subd. 3.

.3 OPTION: Belt line may be orange with black lettering or may be black with orange lettering. See IDENTIFICATION, APPROVED LETTERING: Edu 262(r)(2) and M.S. 169.44, Subd. 3.

.4 OPTION: Front fenders may be painted orange or glossy black.

.5 OPTION: The following may be other than orange or black:

Wheel rims
Chassis grills
Mirror backs, rims and mounting brackets
Reflector housings
Window frames
Accessories and other minor items.
See CHASSIS COLOR, Edu 261(h).

(2) NEW BUSES (Manufactured after June 1, 1973. See M.S. 169.44, Subd. 7.)

(aa) Body including hood and cowl shall be painted national school bus glossy yellow, color 13432, except that the hood shall be either that color or lusterless black, color 37038.

.1 RUB RAILS. A minimum of three shall be black.

.2 Rear bumper, rear fenders (if used) and lettering shall be black. See IDENTIFICATION, APPROVED LETTERING: Edu 262(r)(2) and M.S. 169.44, Subd. 3.

.3 OPTION: Belt line may be yellow with black lettering or may be black with yellow lettering. See IDENTIFICATION, APPROVED LETTERING: Edu 262(r)(2) and M.S. 169.44, Subd. 3.

.4 OPTION: Front fenders may be painted glossy yellow or glossy black.

.5 OPTION: The following may be other than yellow or black:

Wheel rims
Chassis grills
Mirror backs, rims and mounting brackets
Reflector housings
Window frames
Accessories and other minor trim items.
See CHASSIS COLOR, Edu 261(h).

(i) CONSTRUCTION. No change.

(j) DEFROSTERS. No change.

(k) DOORS

(1) Service door: No change.

(2) Emergency door and emergency window:

(aa) Emergency door shall be located in center of rear end of bus or in rear half of left side of bus if engine or luggage compartment is so located as to make it impossible to place door in center of rear end.

(bb) No change.
(cc) No change.
(dd) No change.
(ee) No change.
(ff) No change.
(gg) No change.
(hh) No change.
(ii) No change.
(jj) No change.

(l) EMERGENCY WINDOW. No change.

(m) FIRE EXTINGUISHERS. No change.

(n) FIRST AID KIT

(1) Bus shall carry a removable Grade A metal dust-proof first aid kit, mounted in full view or labeled and in accessible place in driver's compartment.

(2) Required units and required packages per unit

NOTE: First Aid Kit is to have:

10 units for ~~small~~ TYPE II vehicles of ~~12~~ 16 or less capacity.

24 units for ~~school~~ TYPE I buses with passenger capacity in excess of ~~12~~ 16 and up to and including 42 passengers.

36 units for ~~school~~ TYPE I buses of passenger capacity in excess of 42.

Unit Size	Item	Required Packages 10 Unit	24 Unit	36 Unit
1	Compress Bandage, 4 inch	~~1~~ 2	~~2~~ 6	~~4~~ 8
1	Compress Bandage, 2 inch	1	~~1~~ 3	~~3~~ 7
1	Adhesive Compress, 1 inch	2	2	4
1	Triangular Bandage, 40 inch with 2 safety pins	1	2	4
1	Gauze Bandage, 4 inch	-	2	~~2~~ 4
1	Absorbant Gauze Compress	-	2	2
	~~Burn Ointment, 1/8 oz.~~	~~1~~	~~1~~	~~1~~
	~~Burn Ointment, 5/8 oz.~~	-	~~1~~	~~2~~
	~~Iodine applicator or applicator of other antiseptic solution of at least equivalent bacteriological properties~~	~~1~~	~~3~~	4
	~~Ammonia Inhalants~~	~~1~~	~~1~~	~~2~~
	~~Ammonia Ampoules~~	-	~~1~~	~~2~~
1	Gauze Compress, 24 x 72 in.	1	2	2
1	Padded Tongue Blades	1	1	1
2	Adhesive Tape, 1 inch x 2½ yards	1	1	1
1	Wire Splint	-	2	2
	~~Tourniquet and Forceps~~	~~1~~	~~2~~	~~2~~

(o) FLOOR. No change.

(p) FLOOR COVERING. No change.

(q) HEATERS. No change.

(r) IDENTIFICATION. No change.

(s) INSIDE HEIGHT. No change.

(t) INSULATION. No change.

(u) INTERIOR. No change.

(v) LAMPS AND SIGNALS. (NEW BUSES ONLY) Factory Installation of 8-Lamp Alternately Flashing Warning Signal System manufactured after the effective date of these regulations shall comply with the following:

(1) All lamps ~~and their installation~~ on exterior of vehicle shall conform ~~to current standards and recommended practices of Society of Automotive Engineers~~ with and be installed as required by Federal Motor Vehicle Safety Standard 108; Minnesota Statutes 169.49 to 169.70; and current Minnesota approved motor vehicle equipment (department of ~~highways~~ public safety).

~~(2) Head lamps. Bus shall be equipped with head lamps.~~

~~(3) Clearance and side marker lamps. Clearance and side marker lamps (amber at front, red at rear) shall be mounted as high as possible on permanent structure of bus and in such manner as to indicate extreme width of body. Clearance lamps and side marker lamps may be in combination.~~

~~(4) Tail and stop (brake) lamps.~~

~~(aa) Bus shall be equipped with two tail lamps and two stop (brake) lamps not in combination, emitting red light plainly visible for distance of 500 feet to rear.~~

~~(bb) Tail lamps shall be mounted not less than 40 inches from surface on which vehicle stands. Stop (brake) lamps shall be as high as practicable but below window line, and spaced as far apart laterally as practicable but not less than 3 feet. Measurements shall be taken from lamp centers.~~

~~(5) License plate lamp. Bus shall be equipped with rear license plate illuminator. This lamp may be combined with one of the tail lamps.~~

~~(6)~~ (2) Interior lamps: Interior lamps shall be provided which adequately illuminate aisle and step-well.

~~(7)~~ (3) School bus alternately flashing amber and red signal lamps: Definition: School bus alternately flashing ~~red~~ signal lamps mounted at same horizontal level, intended to identify vehicle as school bus and to inform other users of highway that such vehicle is about to stop ~~stopped~~ or is ~~about to stop~~ stopped on roadway to take on or discharge school children.

~~(aa) Bus shall be equipped with two red lamps at rear of vehicle and two red lamps at front of vehicle, which shall be controlled by manually actuated switch and when actuated shall flash alternately at rate of 60 to 120 cycles per minute. "On" period shall be long enough to permit bulb filament to come up to full brightness. No brake operated switch shall be permitted.~~

(aa) Each school bus shall be equipped with a system consisting of four red signal lamps designed to conform to SAE Standard J887, "School Bus Red Signal Lamps," and four amber signal lamps designed to that standard, except for color, and except that their candlepower shall be at least 2½ times that specified for red signal lamps. Both red and amber signal lamps shall be installed in accordance with SAE Standard, J887, except that each amber signal lamp shall be located near each red signal lamp, at the same level, but closer to the vertical centerline of the bus.

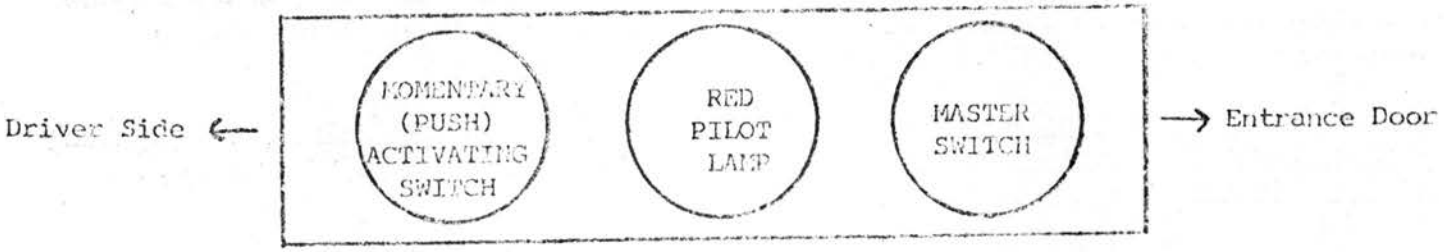
~~(bb) There shall be visible or audible means of giving clear and unmistakable indication to driver when signaling system is turned on.~~

(bb) The system shall be wired so that the amber signal lamps are activated only by hand operation, and if activated, are automatically deactivated and red signal lamps are automatically activated when the bus entrance door is opened. Right and left signal lamps shall flash alternately. Each signal lamp shall flash not less than 60 nor more than 120 flashes per minute. The "on" period shall be long enough to permit bulb filament to come up to full brightness. No brake operated switch shall be permitted.

.1 There shall be a red pilot lamp which shall go on when the respective amber or red systems are actuated. The pilot shall either go out or flash at an altered rate in the event the system is not functioning normally.

OPTION: Mobilflash Mark IV, as modified and approved for use in Minnesota, or its approved equal. Control box panel contains switches and red OFF/ON pilot lamp located in conformance with diagram below in addition to 8 indicator lights.

.2 Signal lamp system shall include a separate closed control box. The box shall be constructed as small as practical, easily demounted or partially disassembled to provide simple access for maintenance purposes. Switches and red pilot lamp shall be located in conformance with diagram below.



CONTROL BOX PANEL

.3 The control box shall be securely mounted to the right of the steering wheel, in the near proximity of the entrance door control, within easy unobstructed reach of the driver. Switches and pilot lamp shall be readily visible to the driver. The activating switch may be self illuminated (Glow Type).

(cc) Signal lamp system and stop arm shall operate as follows:

NOTE: Stop signal arm shall be of an automatic type. It shall automatically extend and retract in conjunction with the alternately flashing red lights and shall be activated and deactivated by the entrance door switch.

.1 With master switch on, entrance door closed, depress hand switch. Red pilot lamp and amber signals shall go on.

.2 Open entrance door. Pilot lamp and amber signal lamps shall go off, and pilot lamp and red signal lamps shall go on. Stop arm shall automatically extend.

.3 Close entrance door. Red pilot and signal lamps shall go off and stop arm shall automatically retract.

.4 Open entrance door without depressing hand switch. Red pilot lamp and red signal lamps shall go on. Stop arm shall automatically extend.

.5 With master switch off, depressing hand switch shall not actuate the amber signal system, nor will opening entrance door actuate the red signal system and stop arm.

~~(ee)~~ (dd) (cc) now recoded as (dd) Installation ~~recommendations~~ requirements:

.1 Each alternately flashing signal lamp shall be mounted with its axis substantially parallel to longitudinal axis of vehicle.

.2 Front and rear alternately flashing signal lamps shall be spaced as far apart laterally as practicable. ~~but in no case shall spacing between lamp centers be less than 40 inches.~~

.3 Alternately flashing signal lamps shall be mounted at the front on same horizontal center line and above windshield, and at the rear on the same horizontal center line so that the lower edge of lens is not lower than top line of side window. ~~opening.~~

~~.4 Vision of front signal lamp to front, and rear signal lamp to rear, shall be unobstructed by any part of vehicle from 5 degrees above to 10 degrees below horizontal and from 30 degrees to right and 30 degrees to left of center line of vehicle.~~

.4 Vertical and lateral vision of the front and rear alternately flashing warning lamps shall not be obstructed by any part of the body or lamp-house insofar as standard bus body construction will permit.

.5 Area around lens of each alternately flashing ~~red~~ signal lamp and extending outward approximately 3 inches shall be painted black. In installations where there is no flat vertical portion of body immediately surrounding entire lens of lamp, circular or square band of black approximately 3 inches wide, immediately below and to both sides of lens, shall be painted on body or roof area against which signal lamp is seen (from distance of 500 feet along axis of vehicle).

~~.6 Each lamp shall be mounted with its aiming plane vertical and normal to the vehicle axis.~~

.6 A separate fuse or circuit breaker, adequate to prevent damage to the system in the event of a dead short, shall be provided between the power source and the master switch.

~~.7 These lamps shall be Cats Eye 160 series or approved equal ("Broad Beam" type red lens). Flashing mechanism for these lamps shall be ambulance type thermal unit - McDermett multipulse, or motorized alternate flashing unit, or approved equal. (See M.S. 169.45 and "Current Minnesota Approved Motor Vehicle Equipment," Department of Highways.)~~

.7 All wiring from alternately flashing signal lamps to the door switch shall be at least 10 gauge. All other wire shall be a minimum of 14 gauge.

~~(8)~~ (5) (8) recoded as (5)

~~(9)~~ (6) (9) recoded as (6)

(4) LAMPS AND SIGNALS. (BUSES NOW IN SERVICE) Conversion Installation of 8-Lamp Alternately Flashing Warning Signal System.

Type I school buses (carrying more than 16 pupil passengers) which were manufactured and in service prior to the effective date of these regulations and not equipped with an 8-Lamp system shall comply with the following:

(1) School bus alternately flashing amber and red signal lamps: Definition: School bus alternately flashing signal lamps are lamps mounted at the same horizontal level, intended to identify vehicle as school bus and to inform other users of highway that such vehicle is about to stop or is stopped on roadway to take on or discharge school children.

(aa) Each school bus shall be equipped with a system consisting of four red signal lamps designed to conform to SAE Standard J887, "School Bus Red Signal Lamps," July 1964, and four amber signal lamps designed to that standard, except for color, and except that their candlepower shall be at least 2½ times that specified for red signal lamps. Both red and amber signal lamps shall be installed in accordance with SAE Standard, J887, except that each amber signal lamp shall be located near each red signal lamp, at or near as practicable to the same level, but closer to the vertical centerline of the bus.

(bb) The system shall be wired so that the amber signal lamps are activated only by hand operation and, if activated, are automatically deactivated and red signal lamps are automatically activated when the bus entrance door is opened. The flashing mechanism shall be capable of carrying the full current load of the signal system. Right and left signal lamps shall flash alternately. Each signal lamp shall flash not less than 60 nor more than 120 flashes per minute. The "on" period shall be long enough to permit bulb filament to come up to full brightness. No brake operated switch shall be permitted.

.1 There shall be a red pilot lamp which shall go on when the respective amber or red systems are actuated. The pilot shall either go out or flash at an altered rate in the event the system is not functioning normally.

OPTION: Mobilflash Mark IV, as modified and approved for use in Minnesota, or its approved equal. Control box panel contains switches and red OFF/ON pilot lamp located in conformance with diagram below in addition to 8 indicator lights.

.2 Signal lamp system shall include a separate closed control box. The box shall be constructed as small as practical, easily demounted or partially disassembled to provide simple access for maintenance purposes. Switches and red pilot lamps shall be located in conformace with diagram below.



CONTROL BOX PANEL

.3 The control box shall be securely mounted to the right of the steering wheel, in the near proximity of the entrance door control, within easy unobstructed reach of the driver. Switches and pilot lamp shall be readily visible to the driver. The activating switch may be self illuminated (Glow Type).

Note: Buses equipped with an 8-Lamp system prior to the effective date of these regulations shall be exempt from Edu 262(3), (bb), items (.1)(.2)(.3).

(cc) Signal lamps system and stop arm shall operate as follows:

Note: Stop arms presently air or vacuum operated shall be converted to operate automatically in conjunction with the red signal lamps. Manual stop arms not required to be converted.

.1 With master switch on, entrance door closed, depress hand switch. Red pilot lamp and amber signals shall go on.

.2 Open entrance door. Pilot lamp and amber signal lamps shall go off and pilot lamp and red signal lamps shall go on. Stop arm, if air or vacuum, shall automatically extend.

.3 Close entrance door. Red pilot and signal lamps shall go off and stop arm, if air or vacuum, shall retract automatically.

.4 Open entrance door without depressing hand switch. Red pilot lamp and red signal lamps shall go on. Stop arm, if air or vacuum, shall automatically extend.

.5 With master switch off, depressing hand switch shall not actuate the amber signal system, nor will opening entrance door actuate the red signal system and stop arm.

(dd) Installation requirements:

.1 Each flashing signal lamp shall be mounted with its axis substantially parallel to longitudinal axis of vehicle.

.2 Front and rear alternately flashing signal lamps shall be spaced as far apart laterally as practicable.

.3 Alternately flashing signal lamps shall be mounted at the front above the windshield and at the rear so that the lower edge of the lens is not lower than top line of the side window.

.4 Vertical and lateral vision of the front and rear alternately flashing warning lamps shall not be obstructed by any part of the body or lamphouse insofar as standard bus body construction will permit.

.5 Area around each lamp, extending approximately 3 inches outward shall be painted black.

.6 A separate fuse or circuit breaker, adequate to prevent damage to the system in the event of a dead short, shall be provided between the power source and the master switch.

.7 All wiring from alternately flashing signal lamps to the door switch shall be at least 10 gauge. All other wire shall be a minimum of 14 gauge.

.8 The red and amber signal lamps shall draw an equal current load. See OPTION, Edu 262 (3)(bb), item (.1).

.9 Air or vacuum operated stop arms shall automatically extend and retract in conjunction with the alternately flashing red signals and shall be activated and deactivated by entrance door switch. (Manual stop arms not required to be converted.)

(ee) No wiring shall be on the exterior of the vehicle. All wiring shall be located within the body structure or within the body interior or combination thereof.

.1 Installation within the body structure: (Removing access panels above or below side windows.)

Wiring shall be cleated at intervals for proper support.
Wire shall be additionally insulated for protection at all possible wear points.
Whenever wires pass through body members or panels, additional protection shall be provided by the use of appropriate type of insulating inserts or grommets.

.2 Installation within the body interior. (Use of sheet metal covering, metal conduit or metal surface channel type applications.)

Installation shall not be made below side windows or along floor.
Wire shall be additionally insulated for protection at possible wear points.
Whenever wires pass through body members or panels, additional protection shall be provided by the use of appropriate type of insulating inserts or grommets.

.3 Manufacturers shall provide detailed installation instructions, including correct method of mounting, assembly and wiring with each alternately flashing warning conversion system.

(5) Turn signal lamps: No change.

(6) Flags and flares:

(aa) School bus shall carry at all times at least three red, yellow or orange ~~cloth~~ flags not less than 12 inches square and means for mounting for use in warning traffic in event of ~~prolonged stops~~ breakdown on the highway.

(bb) Bus shall carry at least three red electric lanterns or at least three emergency reflectors, to be displayed according to state law in event of ~~prolonged stops~~ breakdown on the highway.

Note: Fusees may also be used (not required). Liquid burning "pot type" flares not allowed.

(cc) Mounted reflectors. See M.S. 169.50 and M.S. 169.75.

(w) METAL TREATMENT. No change.

(x) MIRRORS

(1) No change.
(2) No change.
(3) No change.

~~(4)--Exterior-convex-mirror(s)-shall-have-at-least-50-square-inches-of-glass area-and-shall-be-located-either-on-left-or-right-side-of-bus-in-such-manner-that seated-driver-may-observe,-through-its-use,-areas-to-front-and-side-of-bus-where direct-observation-is-not-possible.~~

(4) Exterior convex mirror at least 7½ inches in diameter shall be located either on left or on right side of bus in such a manner that seated driver may observe, through its use, areas to front or side of bus where direct observation, as prescribed in Federal Standard 17, is not possible.

~~(5)--Cross-over-mirror-or-its-approved-equal-required-on-all-new-buses-delivered after April 18, 1973.~~

(y) MOUNTING. No change.

(z.1) OVER-ALL LENGTH. Over-all length of bus shall not exceed ~~38~~ 40 feet.

(z.2) OVER-ALL WIDTH. No change.

(z.3) POSTS. See ~~Edu-262(i)~~ CONSTRUCTION, Edu 262(i) and ~~item-(2)-under-Edu-262 (z.20),~~ WINDSHIELD AND WINDOWS, Edu 262(z.20)(2).

(z.4) RUB RAILS. No change.

(z.5) SANDERS. No change.

(z.6) SEAT BELT FOR DRIVER. No change.

(z.7) SEATS. No change.

(z.8) STANCHIONS AND GUARD RAILS

(1) No change.
(2) No change.
(3) No change.
(4) No change.

(5) All stanchions and guard rails shall be a minimum of 1-inch outside diameter ~~and-stainless~~ steel ~~clad~~ or equivalent strenght tubing. They shall be stainless steel clad except when padded.

(z.9) STEERING WHEEL. No change.

(z.10) STEPS. No change.

(z.11) STIRRUP STEPS. No change.

(z.12) STOP SIGNAL ARM. No change.

(z.13) STORAGE COMPARTMENT. No change.

(z.14) SUN SHIELD. No change.

(z.15) TAIL PIPE. No change.

(z.16) UNDERCOATING AND RUSTPROOFING. No change.

(z.17) VENTILATION. No change.

(z.18) WHEEL HOUSING. No change.

(z.19) WIDTH. No change.

(z.20) WINDSHIELD AND WINDOWS

(1) No change.

(2) Glass in ~~window~~ windshield shall be heat-absorbent, laminated plate. Windshield shall be large enough to permit driver to see roadway clearly, shall be slanted to reduce glare, and shall be installed between front corner posts that are so designed and placed as to afford minimum obstruction to driver's view of roadway.

(3) No change.
(4) No change.
(5) No change.
(6) No change.
(7) No change.
(8) No change.

(z.21) WINDSHIELD WASHERS. No change.

(z.22) WINDSHIELD WIPERS. No change.

(z.23) WIRING. No change.

(z.24) WARRANTY. No change.

EDU 263 Type II School Buses

Type II buses ~~Automobiles, Stationwagons, Carryalls, Suburbans, Sedans (small vehicles~~ carrying ~~twelve~~ 16 or less pupil passengers~~)~~ shall be painted National School Bus Glossy Yellow, identified as a school bus, equipped with 8 Lamp Warning System and stop signal arm, and shall operate as a TYPE I bus. See TYPE I, OPERATING RULES, Edu 240.

Note: Type II vehicles are restricted in size and SHALL NOT exceed 16 passengers (rated manufacturer's capacity).

Automobiles, stationwagons and other vehicles designed for carrying 9 or less pupil passengers are TYPE III buses, and their use is PROHIBITED as a TYPE I or TYPE II bus.

(a) No ~~automobile, stationwagon, carryall, surburban, sedan or similar~~ Type II vehicle used to transport school children shall be more than 10 years old and every such vehicle shall provide for:

~~(1) All steel construction, comfortable seats, individually controlled windows, and dust proof body.~~

(1) COLOR

(aa) Shall be painted National School Bus Glossy Yellow (Color 13432). Use of chrome and/or black trim permitted. TYPE I BUSES. See COLOR, CHASSIS, Edu 261(h) page , also COLOR, BODY, Edu 262(h) page .

~~(2) Doors opening from both inside and outside with no restrictive secondary locking devices of the automatic type.~~

(2) CONSTRUCTION

(aa) All steel construction and shall provide reasonably dustproof and watertight unit.

~~(3) Interior and exterior rear view mirrors.~~

(3) DEFROSTERS

(aa) Defrosters of sufficient capacity to keep at least 80 percent of the total windshield area clear of condensation, ice and snow.

~~(4) Two windshield wipers of the vacuum or electric type.~~

(4) DOORS

(aa) Doors opening from both inside and outside with no restrictive secondary locking devices of the automatic type.

~~(5) Heater of the hot water type, with fresh air intake, and capacity sufficient to heat the car interior adequately during subzero weather.~~

(5) FIRE EXTINGUISHER. (2½ pound, dry-chemical type.)

~~(6)--Defrosters,-with-separate-motor-driven-all-metal-fans,-of-sufficient-capacity to-keep-at-least-80-percent-of-the-total-windshield-area-clean-of-condensation,-ice, and-snow.~~

(6) FIRST AID KIT

(aa) Vehicle shall carry first-aid kit (10 unit), removable and readily identifiable, mounted in full view and in an accessible place in driver's compartment. See TYPE I BUSES, FIRST AID KIT, Edu 262(n), page .

~~(7)--First-Aid-Kit-(10-unit).~~

(7) HEATERS

(aa) Heaters shall be of hot-water or combustion-type.

(bb) If only one heater is used, it shall be of fresh air or combination fresh air and recirculating type.

(cc) If more than one heater is used, additional heaters may be of recirculating type. Each heater motor shall be at least two speed.

(dd) All combustion-type shall be approved by Underwriter's Laboratories, Inc.

(ee) Heaters shall be capable of maintaining inside temperature of 50 degrees Fahrenheit at average minimum January temperatures as established by U.S. Department of Commerce, Weather Bureau, for area in which heater is required.

(ff) Heater lines inside the passenger compartment shall be guarded to prevent accidental contact by driver or passengers.

~~(8)--Driver's-seat-belt-in-compliance-with-M.S.-169.44,-Subd.-9.~~

(8) IDENTIFICATION

(aa) Body shall bear words "SCHOOL BUS" in black letters at least 8 inches high on both front and rear of body or on signs attached thereto. Lettering shall be placed as high as possible without impairment of its visibility. Lettering shall conform to "Series B" of Standard Alphabets for Highway Signs.

(bb) Only signs and lettering approved by state law or regulation, limited to name of owner or operator and any number necessary for identification shall appear on sides of bus. See M.S. 169.44, Subd. 3 and Administrative Manual, Directives following Edu 262(r).

~~(9)--Reflectorized,-demountable-school-bus-signs-to-comply-with-standards-set-by the-commissioner-of-highways.--(Required-to-be-displayed-front-and-rear-at-all-times-when vehicle-is-in-use-as-a-school-bus.)~~

(9) LAMPS AND SIGNALS

(aa) 8-Lamp Alternately Flashing Warning Signal System shall be installed and operate in conformance with TYPE I BUSES. See Edu 262(v), page .

(bb) All lamps on exterior of vehicle shall conform with and be installed as required by Federal Motor Vehicle Safety Standard 108.

(cc) Flags and flares:

.1 School bus shall carry at all times at least three red, yellow or orange flags not less than 12 inches square and means for mounting for use in warning traffic in event of breakdown on the highway.

.2 Bus shall carry at least three red electric lanterns or at least three red emergency reflectors, to be displayed according to state law in event of breakdown on the highway.

Note: Fusees may also be used (not required). Liquid burning "pot type" flares not allowed.

~~(10)--Alternately-flashing-amber-signals-to-comply-with-standards-set-by-the commissioner-of-highways.--(Required-only-on-vehicles-operating-outside-an-incorporated municipality.~~

(10) MIRRORS

(aa) Interior mirror, manufacturer's standard.

(bb) Two exterior clear view mirrors, one to left and one to right of driver. Each mirror shall be firmly supported and adjustable to give driver clear view past left rear and right rear of bus.

(cc) Exterior convex mirror at least 7½ inches in diameter shall be located either on left or on right side of bus in such a manner that seated driver may observe, through its use, areas to front or side of bus where direct observation, as prescribed in Federal Standard 17, is not possible.

~~(11)--Fires-Extinguisher-(2½-LB.-Dry).~~

(11) SEAT BELT FOR DRIVER

(aa) Seat belt for driver shall be provided, belt to comply with current specifications and recommended practices of Society of Automotive Engineers except that belt shall be fastened to bus floor immediately behind driver's seat when adjusted to rearmost position.

(12) SEATS

(aa) Vehicle manufacturer's standard seating.

(bb) If school bus type are used, they shall be installed and spaced in conformance with TYPE I BUSES (except for required headroom). See Edu 262 (z.7), page .

(13) STOP SIGNAL ARM

(aa) Stop signal arm shall be installed and operate in conformance with TYPE I BUSES. See Edu 262 (z.12), page , Edu 262 (v), Items (3)(cc) page , and Edu 262 (v), Items (4)(cc) page .

EDU 264 TYPE III School Buses

Type III buses carrying 16 or less pupil passengers (including automobiles, stationwagons and other vehicles designed for carrying 9 or less), SHALL NOT: be painted school bus color, bear the words "SCHOOL BUS", have the 8-Lamp Warning System or stop signal arm, and SHALL NOT operate as a TYPE I or TYPE II bus. See TYPE III Buses, OPERATING RULES, Edu 241.

Note: Type III vehicles are restricted in size and SHALL NOT exceed 16 passengers (rated manufacturer's capacity).

(a) No Type III vehicle used to transport school children shall be more than 10 years old. Every Type III vehicle shall comply with the requirements for TYPE II Buses, Edu 263, EXCEPT for the following:

(1) COLOR

(aa) Shall be painted a color other than National School Bus Glossy Yellow or Minnesota Golden Orange.

Exception: Vehicles purchased prior to the effective date of this regulation.

(2) IDENTIFICATION

(aa) Shall not have the words, "School Bus" in any location on the exterior of the vehicle, or in any interior location visible to a motorist.

(bb) Shall display to the rear of the vehicle a sign "VEHICLE STOPS AT RR CROSSINGS".

.1 Lettering (except for "AT", which may be 1" smaller) shall be a minimum 2 inch "Series D" as specified in Standard Alphabets for Highway Signs as specified by the Federal Highway Administration.

.2 Sign shall have provisions for being covered, or be of a removable or fold down type.

(3) LAMPS AND SIGNALS

(aa) Installation and use of the 8-Lamp Warning System is prohibited.

(bb) All lamps on exterior of vehicle shall conform with and be installed as required by Federal Motor Vehicle Safety Standard 108.

(4) STOP SIGNAL ARM

(aa) Installation and use of stop signal arm is prohibited.

EDU 265 No change.

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