ALASKA LEGISLATURE COMMITTEE FILES 1993-1994 8672

8291 SENATE HEALTH EDUCATION & SOCIAL SERVICES

Item No. 31: Replace Portables

The three existing portables at Taylor Elementary are permanently attached to the school in violation of the Uniform Building Code. These units should be removed and replaced with permanent construction. An addition of 2,500 square feet would provide two classrooms and associated circulation and storage space.

Item No. 32: Roof Repairs

The existing roof continues to leak badly, and should be repaired as soon as possible. An interim cleaning, flood coat and flashing repairs is recommended until a complete roof renovation can be undertaken.

DESCRIPTION OF IDENTIFIED DEFICIENCIES
Fairbanks North Star Borough School District
BASE/POST SCHOOL BUILDING SURVEY

School: BEN EIELSON JR/SR HIGH, EIELSON AFB
Gross Area: 92,835 Square Feet plus six portables
Grades Served: 7th through 12th
DOE Capacity: 663 Total, 269 Junior High, 394 Senior High
Current Enrollment: 563 Total, 201 Jr. High, 362 Senior High
Current Staff: 53 total (3 Principals, 38 teachers, 12 classified)

1985 Uniform Building Code Classifications
Occupancy Type: E, Division 1
Construction Type: Original Portions: V-N (Sprinklered)
New (1978) Portions: V-1 Hour (Sprinklered)

Ben Eielson Jr./Sr. High School is separated into two areas by a 2 hour rated area separation wall, which divides the original building from the 1978 addition. Under Chapter 5 of the UBC, these two areas are considered as two separate buildings.

The original building would be considered Type V-N Construction. The gross area of 33,694 square feet (without the portables) is within the allowable area of 36,400 square feet (9,100 base x 2 for separation on three sides x 2 for sprinklers). However, the location of the six non-rated portable modules and connecting non-rated corridor system is a violation of the UBC in that the total area with the portables exceeds the allowable area.

The 1978 addition portions of the building are classified as Type V-1 Hour, and the gross area of 59,141 square feet is within the allowable area of 62,800 square feet (15,700 base x 2 for separation on three sides x 2 for sprinklers).

Item No. 1: Construct Ice Rink

For a junior/senior high school program, an ice rink with dasher boards suitable for hockey should be constructed.

Item No. 2: Site Improvements

Vehicular access to the site, including bus loading/unloading areas, should be improved and expanded.

General grading, topsoil and seeding is needed, as well as overall landscaping.

Item No. 3: Headbolt Outlets and Parking

The number of existing headbolt outlets (40) is inadequate for current staff (53), and inadequate parking is available considering the need for visitor and student parking. At least 10 more outlets should be added, as well as a minimum of 25 new gravel parking spaces. Headbolt work should include 10-20 amp circuits, 1-100 panel, 1-100 amp contactor, time clock and thermostat for control.

Item No. 4: Corridor Modifications

The existing corridors do not meet current UBC requirements, as many of the existing door/frame assemblies are not labeled and gasketed, and many door closers are missing. Additionally, the corridors do not meet handicapped accessibility requirements. Therefore, it is recommended that corrections be made to the corridors which will bring them current with both UBC and handicapped accessibility requirements. The following items would be included:

A. Replace approximately 25 existing door/frame assemblies in the original portion of the school with new U.L. labeled 20 minute assemblies per UBC Section 3305(h)1. These doors are at class rooms, restrooms, and similar occupancies. At storage rooms and janitor's closets, 1 hour assemblies are required, and these are included in Item No. 7.

B. Provide new door closers and smoke gaskets at approximately 25 existing doors which are rated, but have closers removed and no smoke gaskets.

C. Provide magnetic door hold open devices at 25 classroom doors, wired into the building's fire alarm system per UBC Section 3305(h)1. It is now a District Standard to provide such devices at classroom doors in order to eliminate the hazards of doors being propped open, or closers being removed.

D. Provide lever type door hardware per ANSI A117.1, 4.13.9 at all doors where rooms are required to be handicapped accessible, including classrooms, instructional areas, accessible restrooms and offices.

E. Widen entry alcoves at 25 classroom doors to provide wheelchair clearances per ANSI A117.1, 4.13.6. This will require minor demolition at each entry door in order to provide 24 inch clearance at the latch side.

Item No. 5: Upgrade Janitor/Storage Areas to 1 Hr. Construction

Existing storage areas, janitor's closets and mechanical rooms must be separated from adjacent spaces by 1 hour rated construction per UBC Section 802(c). New self-closing 1 hour U.L. labeled door/frame assemblies will be required at 15 locations. Additionally, a suspended 5/8 inch gypsum board ceiling will be required at existing storage/janitor rooms 7, 10, 11, 12 and 24 in the original wing that now have exposed structure.

Item No. 6: Correct Level Changes/HC Access

Most existing main entrances have changes in elevation greater than 1/2 inch, and most of the existing vestibule grates are depressed and should be replaced so that building entries conform to ANSI A117.1, 4.3.8 for wheelchair accessibility.

Additionally, the ramps and stairs at the portable units do not meet either ANSI or UBC requirements. It is recommended, however, that the portables be removed or separated from the main school building.

Item No. 7: Energy and Thermal Standards Upgrades

Ben Eielson Jr./Sr. High School's existing thermal envelope is deficient in the following areas which should recieve attention in the immediate future:

1. Even after the roof repairs performed subsequent to the previous version of this report under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37, the existing roof leaks in several areas, and damage to ceilings and walls will continue. Only four of the five "clerestory" roofs were repaired, and leaks have also been reported at the storeroom/Sr. High Gym interface. In the long term, a roof replacement project is warranted. Along with the roof replacement, the existing rainleader/drywell system for roof runoff should be tested, and expanded or corrected as needed.

3. The exterior of the building is unsightly and badly degraded, and a facelift could be provided as part of an energy retrofit.

In order to bring the facility up to current Fairbanks North Star Borough Thermal and Energy Standards, and provide long term maintenance and operations savings, retrofit of the building's thermal envelope is recommended, including a roof renovation of the original building wing, roof repairs to the new wing and the addition of exterior wall insulation. The roof renovation should replace the existing built-up system with a single-ply EPDM inverted roof membrame assembly (IRMA) with 8 inches of extruded polystyrene insulation (R=40), which is the current District standard for new schools. Exterior walls can best be retrofitted using a synthetic plaster/expanded polystyrene insulation system (Dryvit, R-Wall, or equal) with an average of 3 inches of insulation (R=10.5). This type of wall system retains the "thermal mass" of the walls within the envelope and eliminates thermal

bridging, in addition to providing increased thermal resistance.

Item No. 8: Repair Water Damage/Ceiling System

Subsequent to the previous version of this report, repairs at the Commons and Art Room has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 9: Seal Penetrations

The following items need to be corrected in order to maintain the fire rating of the building:

Unsealed penetrations through walls and ceilings:
- Storage 7: Metal deck/wall interface, one 3 inch hole
- Storage 10 and 11: Metal deck/wall interface, one 2 inch hole
- Janitor 19: Two 4 inch holes
- Mechanical 24: Metal deck/wall interface, six 1-1/2 to 6 inch holes
- Music Storage 26: Three 1 to 6 inch holes
- Electric 37: One 4 inch hole
- Mechanical 51: One 6 inch hole

Unrated access panels and hatches:
- Storage 7: 18 x 18 unrated access panel
- Workroom/Storage 25: 36 x 60 unrated folding door, 12 x 18 unrated ceiling access panel, 24 x 80 unrated chase access
- Athletic Storage 34: 24 x 72 unrated hatch

Lack of fire dampers:
- Storage 7: 6 x 20 vent
- Storage 12: Two 12 x 16 wall vents, one 12 x 16 ceiling vent
- Music Storage: 4 x 8 vent
- Athletic Storage 34: 6 x 12 vent
- Electric 37: 24 x 24 vent

Item No. 10: Kiln Room

Subsequent to the previous version of this report, recommended corrections have been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37. However, it was noted in the reinspection that the new door frame is unlabeled, and a door closer has not been provided.

Item No. 11: Replace Portables

Six non-rated, non-sprinklered portable buildings have been permanently attached to the school with non-rated corridor/vestibules. They are nearing the end of their useful service lives, and as previously mentioned are in violation of the UBC. These units should be removed.

In order to replace the portables, and conform with Department of Education Standards, a building addition, conforming to current District Standards and codes, would be required. The following preliminary program is recommended for budgeting purposes:

Space Name	Area
Classroom (Six at 900 SF each)	5,400 SF
Restrooms	360 SF
Janitor	40 SF
Subtotal	5,800 SF
Circulation at 25 percent	1,450 SF
Total	7,250 SF

Item No. 12: Door Additions/Replacements

A number of doors should be added or replaced for varying reasons, including the following:

Raven Gym Exit: Subsequent to the previous version of this report, the recommended door installation has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Metals Lab Doors: A required two hour occupancy separation is negated by underated doors. Four existing 1/2 hour rated door/frame assemblies should be replaced with new self-closing 1-1/2 hour U.L. listed door/frame assemblies.

Chemical Storage Room Doors: UBC Section 802(d) requires areas with special hazard to be of one hour construction. Subsequent to the previous version of this report, installation of door closers has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37. However, the assemblies remain unrated, and all three were wedged open at the time of reinspection. Therefore, it is recommended that the three existing non-rated assemblies be replaced with new self-closing 1 hour U.L. listed door/frame assemblies, equipped with magnetic hold opens.

Exterior Entry Doors: Several sets of exterior doors and frames have deteriorated to a point where replacement is required, including the main Junior High Section entrance doors and the Junior High Gymnasium double doors, both interior and exterior.

Girls' Locker Room: The single door to this area is deteriorated. New door, frame and hardware is recommended.

Item No. 13: New Kitchen

The School District has scheduled construction of a kitchen by converting a portion of the Music Room Library. This work will be performed over Christmas break 1989-90.

Item No. 14: Replace Humidifiers

Replace obsolete steam grid humidifiers in each of two air handlers. Existing units inject steam from the district heating system which has been chemically treated, directly into the building ventilation system. At present, both humidifiers are disabled.

Item No. 15: Install Exhaust Fans

Install exhaust fans and ductwork to new wall caps in janitors closet and storage room which has been converted to a workroom, to provide ventilation in compliance with UBC Sec 805.

Item No. 16: Upgrade Plenums

Remove storage materials located in fan plenums. Relocate shop compressor from fan plenum above shop storage room, per NFPA 90A 2-2.1.1.

Item No. 17: Replace Steam/Water Converter Assembly

Replace complete steam/water converter assembly, including compression tank, control valves, traps, and all steam and condensate piping, back to point of connection to the main. Existing converter has already outlived it's normal expected life by over 10 years, shows signs of corrosion, and is in danger of failure.

Item No. 18: Replace Radiant Heating Distribution System

This item provides for replacement of the existing radiant slab heat distribution system with perimeter radiant ceiling panels. Existing slab piping is badly corroded, and is in danger of failure. Radiant ceiling panels offer advantages over baseboard fintube radiation because all the work is confined to the ceiling space, eliminating conflicts with existing classroom casework, and the need for exposed pipe drops in each room.

Item No. 19: Install Direct Digital Control System

This item provides for installation of a direct digital control system to provide, for each occupied space, lighting and temperature control with night setback. System will provide improved comfort, and energy savings.

Item No. 20: Replace Hot Water Heater

Replace vertical 300 gallon domestic hot water tank and heater with semi-instantaneous high efficiency type. Existing tank and heater is original equipment, over 30 years old, in poor condition, lacks seismic restraint per UBC Sec 2312.

Item No. 21: Install Dip Tank Vent Hood

Install a new hood, ductwork, exhaust fan, roof penetration and modify the supply air system controls as required to provide ventilation to comply with recommendations set forth in the latest version of the "Industrial Ventilation Manual". System shall comply with intent of the Alaska General Safety Code Sec 01.0403.

Item No. 22: Upgrade Shop Exhaust System

Modify exhaust fan and ductwork to exhaust four complete air changes, taken from a point at or near the floor, per UBC Sec 905. Existing system exhausts 800 cfm from the ceiling of the space, and preliminary calculations indicate a requirement of approximately 1000 cfm through and additional 25 lf of ductwork.

Item No. 23: Dust Collector Explosion Vent

Provide Explosion Vent on dust collector opening directly to outside, per UBC Sec 1107(e).

Item No. 24: Metal Shop Shutoff Valve

Subsequent to the previous version of this report, this work has been completed by the School District.

Item No. 25: Replace Main Distribution Panel

Subsequent to the previous version of this report, replacement of the main distribution panel has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 26: Replace Gym Lighting

Replace the mercury vapor fixtures in the large (high school) gymnasium with 18 - 250W HPS fixtures.

Item No. 27: Upgrade Classroom Receptacles

Subsequent to the previous version of this report, a general classroom receptacle/circuit upgrade has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 28: Clearance at Electrical Panels

Subsequent to the previous version of this report, correction has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 29: Install Standby Generator

Install a 100 KW diesel fueled standby generator to provide power during power outages. Include 300 amp transfer switch, 300 amp panel and 100 ft of 2-1/2" conduit and 4 - 250 MCM copper XHHW conductors.

Item No. 30: Replace Conduit/Wire to Lichts

Subsequent to the previous version of this report, replacement of lighting/conudit/wiring has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

..em No. 31: Add Receptacles to Commons

Add 12 duplex receptacles on 3 circuits in the commons area to provide adequate plugs for equipment used during special functions.

Item No. 32: Add Receptacles to Business Classroom

Subsequent to the previous version of this report, installation of additional receptacles has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 33: Install TV Distribution System

Install 1' conduit system and Belden Twinaxial cable system with jack in classroom, the library, and the office for Television distribution, total 15 locations.

Item Nc. 34: Install Computer Network

Install 1" conduit system with pull cord and blank outlet box in classrooms, the library and the office for future computer networking cabling, total 25 locations.

em No. 35: Telephone System Expansion

Telephones for use by staff are inadequate. A minimum of one new phone for the Junior High Area, and one for the Senior High area should be installed in locations where semi-private conversations can occur.

Item No. 36: Roof Repairs

Until a complete roof replacement can be undertaken, minor roof repairs will be necessary. The previously cited leaks at the fifth clerestory and the storeroom/gym interface will need work in the immediate future.

DESCRIPTION OF IDENTIFIED DEFICIENCIES
Fairbanks North Star Borough School District
BASE/POST SCHOOL BUILDING SURVEY

School: PENNELL ELEMENTARY, EIELSON AFB
Gross Area: 27,500 Square Feet plus four portables
Grades Served: 3rd and 4th
DOE Capacity: 280
Current Enrollment: 227 (225 FTE)
Current Staff: 36 total (Principal, 22 teachers, 13 classified)

1985 Uniform Building Code Classifications
Occupancy Type: E, Division 1
Construction Type: V-N (Sprinklered) discussion follows:

Pennell Elementary School would be considered Type V-N Construction. The gross area of 27,500 square feet is within the allowable area of 36,400 square feet (9,100 base x 2 for separation three sides x 2 for sprinklers).

Item No. 1: Additional Playground Equipment

Pennell Elementary currently serves 3rd and 4th Grade students. Existing equipment is inadequate, and does not offer enough variety of activities. Additional climbing equipment and basketball goals should be added.

Item No. 2: Site Lighting Upgrades

The existing site lighting is inadequate for security and general safety, particularly at the rear of the site. A minimum of four new 400 watt HPS fixtures would be required.

Item No. 3: Install Headbolt Outlets

Install 8 additional headbolt heater receptacles to provide enough for permanent and transient staff. Include 8 - 20 amp circuits with 1 receptacle per circuit, 1 - 100 amp panel with 8 - 20 amp breakers, 1 - 100 amp contactor, time clock and thermostat for control.

Item No. 4: Corridor Modifications

The existing corridor does not meet current UBC requirements. UBC Appendix 1, Section 111 may permit the existing conditions to remain since the building is fully sprinklered. However, the corridor does not meet handicapped accessibility requirements. Therefore, it is recommended that corrections be made to the corridor which will bring it current with both UBC and handicapped accessibility requirements. The following items would be included:

A. Replace 20 existing door/frame assemblies with new U.L. labeled 20 minute assemblies per UBC Section 3305(h)1. These doors are at classrooms, and similar occupancies. At storage rooms, kitchen and janitor's closets, 1 hour assemblies are required, and these are included in Item No. 5.

B. Provide magnetic door hold open devices at 18 classroom doors, wired into the building's fire alarm system per UBC Section 3305(h)1. It is now a District Standard to provide such devices at classroom doors in order to eliminate the hazards of doors being propped open, or closers being removed.

C. Provide lever type door hardware per ANSI A117.1, 4.13.9.

D. Widen entry alcoves at 18 classroom doors to provide wheelchair clearances per ANSI A117.1, 4.13.6. This will involve minor demolition of existing concrete block wall at each classroom entrance alcove, such that 24 inch clearance between the latch side of the door and the wall is obtained.

E. The existing corridor ceiling/roof assembly must be 1 hour construction per UBC Section 3305(g). Subsequent to the previous version of this report, replacement of ceilings on both levels has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37, which appears to provide 1 hour rated assemblies.

Item No. 5: Stairwell Corrections

The existing handrails do not conform to UBC Section 3306(j), and should be replaced. A tactile warning strip should be added at the top of each stair as required by ANSI A117.1, 4.29.4.

Item No. 6: Upgrade Janitor/Storage Areas to 1 Hr. Construction

Existing storage areas, janitor's closets and kitchen must be separated from adjacent spaces by 1 hour rated construction per UBC Section 802(c) and (d). New 1 hour U.L. labeled door/frame assemblies will be required at 12 locations, including the Kitchen off the Multi-Purpose Room.

Item No. 7: Energy and Thermal Standards Upgrades

In order to bring the facility up to current Fairbanks North Star Borough Thermal and Energy Standards, and provide long term maintenance and operations savings, retrofit of the building's thermal envelope is recommended, including a roof renovation and the addition of exterior wall insulation. The roof renovation should replace the existing built-up system with a single-ply EPDM inverted roof membrame assembly (IRMA) with 8 inches of extruded polystyrene insulation (R=40), which is the current District standard for new schools. Exterior walls can best be retrofitted using a synthetic plaster/expanded polystyrene insulation system

(Dryvit, R-Wall, or equal) with an average of 3 inches of insulation (R=10.5). This type of wall system retains the "thermal mass" of the walls within the envelope and eliminates thermal bridging, in addition to providing increased thermal resistance.

Item No. 8: Seal Penetrations in Rated Walls and Ceilings

The following items need to be corrected in order to maintain the fire rating of the building:

Unsealed penetrations through walls and ceilings:
- Storage: Three 1 inch holes, 4 inch hole
- Janitor: Four 1 inch holes
- Storage (Old restroom): Misc. holes

Unrated access panels, hatches and relites:
- Storage: 20 x 24 ceiling access panel
- Corridor: Two 24 x 84 plumbing chase access panels
- Storage (Old restroom): 24 x 24 access panel

Lack of Fire Dampers:
- Storage: 8 x 12 vent to Corridor
- Janitor: 12 x 12 vent to Corridor

Item No. 9: Area Separation Walls

The four existing portables and the IMC/Cafeteria buildings are connected to Pennell Elementary via enclosed corridors at each end of the school. These corridors appear to be of 1 hour construction, however, they must be separated from Pennell by a 2 hour rated area separation wall per UBC Chapter 5. A new area separation wall should be added to each enclosed corridor, including a new 1-1/2 hour U.L. label door/frame assembly that is connected to a magnetic hold open. It is also recommended, however, that the portables be removed.

Item No. 10: Handicapped Access

The split level entries of the building make it completely inaccessible to wheelchairs. UBC Table 33A requires that the building be handicapped accessible.

The width of the existing main (central) stair makes a rail mounted wheelchair lift a practical means of providing access. Because the existing vestibule does not meet handicapped requirements, it will be required that the exterior doors be moved out in conformance with ANSI A117.1, 4.13.6. Additionally, a new concrete ramp and handrails will be required to overcome the two exterior steps up to the vestibule.

Restroom door/entry configurations will also require remodeling in order to conform to ANSI A117.1, 4.13.6, including replacement of existing doors with new wider doors, and widening of entrances.

Item No. 11: Egress Window at Classroom 214

Subsequent to the previous version of this report, correction has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 12: Replace Humidifiers

Replace obsolete steam grid humidifiers in air handler. Existing unit injects steam from the district heating system which has been chemically treated, directly into the building ventilation system.

Item No. 13: Upgrade Plenums

Subsequent to the previous version of this report, correction has been completed by the School District.

Item No. 14: Replace Steam/Water Converter Assembly

Replace complete steam/water converter assembly, including compression tank, control valves, traps, and all steam and condensate piping, back to point of connection to the main. Existing converter has already outlived it's normal expected life by over 10 years, shows signs of corrosion, and is in danger of failure.

Item No. 15: Replace Radiant Heating Distribution System

This item provides for replacement of the existing baseboard heat distribution system with new perimeter convectors and cabinets. Existing piping is 40 years old, corroded, and in danger of failure.

Item No. 16: Install Direct Digital Control System

This item provides for installation of a direct digital control system to provide, for each occupied space, lighting and temperature control with night setback. System will provide improved comfort, and energy savings.

Item No. 17: Install Exhaust Fans

Coach's office and janitors closet are unventilated. Install toilet exhaust fan and ductwork to new wall cap in janitor's closet, and extend existing supply and return air ducts to provide ventilation to coach's office, in compliance with UBC Sec 805. Provide range hood and exhaust fan in kitchen.

Item No. 18: Ventilation Upgrade/Repairs

Repair or replace vent fan in second floor mechanical room, and fan serving teachers lounge. Air handler serving Multi-purpose Room and showers is not operating properly. No flow to showers, and minimum flow to Multi-purpose Room. Multi-purpose Room supply diffuser is located directly above return air opening, allowing most of the ventilation air to short-circuit. System as installed does not distribute air to the room. Install additional ductwork to provide adequate distribution of air.

Item No. 19: Insulate Hot Piping

Provide adequate baseboard covers, and insulate hot piping exposed below 8' in occupied classrooms, as required to prevent touching hot pipes.

Item No. 20: Relocate Steam Pressure Reducing Station

Subsequent to the previous version of this report, the steam service piping has been reconfigured partially replaced under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37. The steam PRV is now located in the utilidor, and no longer presents a hazard to students within the school.

Item No. 21: Replace Main Distribution Panel

Subsequent to the previous version of this report, replacement of the main distribution panel has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 22: Install Cages on Gym Devices

Subsequent to the previous version of this report, this work has been completed by the School District.

Item No. 23: Replace Fire Alarm System

Install new 4 zone fire alarm system to replace Edwards 1221-T single zone system. Include smoke detectors in the halls and sprinkler valve monitoring.

Item No. 24: Upgrade Classroom Receptacles

Subsequent to the previous version of this report, an upgrade to classroom receptacles has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 25: Install Standby Generator

Install a 30 KW diesel fueled emergency generator, complete with fuel storage, day tank, 100 amp Automatic Transfer Switch, 100 amp panel and 100 ft of 1-1/4" conduit with 4 - #4 to connect the system.

Item No. 26: Replace Conduit/Wire to Lights

Subsequent to the previous version of this report, replacement of lighting/conduit/wires has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 27: Replace Distribution Panels

Subsequent to the previous version of this report, distribution panel replacement has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 28: Install TV Distribution System

Install 1" conduit system and Belden Twinaxial cable system with jack in each classroom, the library, and the office for Television distribution, total 18 locations.

Item No. 29: Install Computer Network

Install 1" conduit system with pull cord and blank outlet box in each classroom, the library and the office for future computer networking cabling, total 20 locations.

DESCRIPTION OF IDENTIFIED DEFICIENCIES
Fairbanks North Star Borough School District
BASE/POST SCHOOL BUILDING SURVEY

School: ANDERSON ELEMENTARY, EIELSON AFB
Gross Area: 40,956 Square Feet[1]
Grades Served: Kindergarten - 2nd
DOE Capacity: 409
Current Enrollment: 415 (359.5 FTE)
Current Staff: 38 total (Principal, 23 teachers, 14 classified)

1985 Uniform Building Code Classifications
Occupancy Type: E, Division 1
Construction Type: V-N (Sprinklered) discussion follows:

Anderson Elementary School would be considered Type V-N Construction. The gross area of 32,275 square feet is within the allowable area of 36,400 square feet (9,100 base x 2 for separation all sides x 2 for sprinklers).

Item No. 1: Construct Soccer Field

District standards for new elementary schools include the construction of a new 120' x 160' soccer field, which is also used for a variety of other athletic activities including softball, kickball and track and field. Anderson Elementary currently has no such facility. Typically, the field is covered with 4 inches of topsoil and seed over an average of 18 inches of subbase compacted to 95 percent. The field is equipped with two soccer goals and one baseball backstop. This facility would be shared with Pennell Elementary, which is immediately adjacent and serves grades 3 and 4.

Item No. 2: Construct Ice Rink

District standards for new elementary schools include the construction of a new 54' x 120' multi-purpose ice rink, complete with dasher board system. Anderson Elementary currently does not have an ice rink. The rink is paved with 2 inches of AC pavement over an average of 30 inches of NFS fill compacted to 95 percent. The rink is striped for summer use for basketball and hopscotch. It is equipped with 4 basketball goals, 4 foot high plywood dasher board system with 3 foot high chain link screening above. The rink is lit with 4 perimeter 250 watt HID fixtures mounted on 12 foot aluminum poles. The ice rink would also be shared with Pennell Elementary.

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1. Gross area is inclusive of connected Instructional Media Center of 9,117 square feet. District wide kitchen facility of 7,497 square feet is not included.

Item No. 3: Upgrade Playground Equipment

Anderson Elementary currently serves Kindergarten through 2nd Grade, and the playground equipment on site is inadequate. Existing equipment is old, and some should be replaced. New equipment suitable for Kindergarten and lower grades should be purchased and installed to supplement the existing playground equipment.

Item No. 4: Site Lighting Improvements

The existing site is inadequately lit at parking areas, building entrances and playground areas. Five additional pole mounted 400 watt HPS lights should be added.

Item No. 5: Headbolt Outlets

The number of existing headbolt outlets is inadequate for current staff, and existing circuits are undersized and often trip. The entire system should be upgraded and expanded by a minimum of 15 new outlets. Work would include 15-20 amp circuits, 1 - 150 amp panel, 1 - 150 amp contactor, timeclock and thermostat for control.

Item No. 6: Corridor Modifications

The existing corridor does not meet current UBC requirements. UBC Appendix 1, Section 111 may permit the existing conditions to remain since the building is fully sprinklered. However, the corridor does not meet handicapped accessibility requirements. Therefore, it is recommended that corrections be made to the corridor which will bring it current with both UBC and handicapped accessibility requirements. The following items would be included:

A. Replace 34 existing door/frame assemblies with new U.L. labeled 20 minute assemblies per UBC Section 3305(h)1. These doors are at classrooms, and similar occupancies. At storage rooms and janitor's closets, 1 hour assemblies are required, and these are included in Item No. 6.

B. Provide magnetic door hold open devices at 21 classroom doors, wired into the building's fire alarm system per UBC Section 3305(h)1. It is now a District Standard to provide such devices at classroom doors in order to eliminate the hazards of doors being propped open, or closers being removed.

C. Provide lever type door hardware per ANSI A117.1, 4.13.9.

D. Widen entry alcoves at 24 classroom doors to provide wheelchair clearances per ANSI A117.1, 4.13.6. This will require minor demolition at each entry door in order to provide 24 inch clearance at the latch side.

The existing corridor ceiling/roof assembly must be 1 hour construction per UBC Section 3305(g). Subsequent to the previous version of this report, the installation of a new suspended acoustical ceiling system has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37. This installation, however, has not upgraded the fire rating of the ceiling/roof assembly. Numerous penetrations and large openings can be observed in the corridor walls above the ceiling, as well as exposed wood framing. A large number of water stains were also noted on the brand new ceiling tiles due to roof leaks.

tem No. 7: Upgrade Janitor/Storage Areas to 1 Hr. Construction

xisting storage areas and janitor's closets must be separated rom adjacent spaces by 1 hour rated construction per UBC Section 02(c). New 1 hour U.L. labeled door/frame assemblies will be equired at 12 locations, including the Kitchen off the Multi-urpose Room.

tem No. 8: Correct Level Changes

Existing main entrances have changes in elevation greater than /2 inch, and the existing vestibule grates are depressed and hould be replaced so that building entries conform to ANSI 4117.1, 4.3.8 for wheelchair accessibility.

tem No. 9: Energy and Thermal Standards Upgrades

In order to bring the facility up to current Fairbanks North Star orough Thermal and Energy Standards, and provide long term main-enance and operations savings, retrofit of the building's ther-mal envelope is recommended, including a roof renovation and the ddition of exterior wall insulation. The roof renovation should eplace the existing built-up system with a single-ply EPDM in-verted roof membrame assembly (IRMA) with 8 inches of extruded olystyrene insulation (R=40), which is the current District tandard for new schools. Exterior walls can best be retrofitted using a synthetic plaster/expanded polystyrene insulation system (Dryvit, R-Wall, or equal) with an average of 3 inches of insula-ion (R=10.5). This type of wall system retains the "thermal ass" of the walls within the envelope and eliminates thermal oridging, in addition to providing increased thermal resistance.

he existing envelope is notably deficient in the following areas which should recieve attention in the immediate future:

a. The existing roof leaks in many areas, and damage to ceilings and walls is apparent throughout the building, including stains on new ceiling tiles installed this last summer.

b. The existing windows exhibit extreme draftiness, and new weatherstripping is needed. Additionally, the windows need screens so that they can be opened in spring, summer and early fall.

Item No. 10: Replace Humidifiers

Replace obsolete steam grid humidifiers in each of two air handlers. Existing units inject steam from the district heating system which has been chemically treated, directly into the building ventilation system. At present, both humidifiers are disabled.

Item No. 11: Upgrade Plenums

Remove storage materials located in fan plenums.

Item No. 12: Replace Steam/Water Converter Assembly

Subsequent to the previous version of this report, replacement of the steam/water converter assembly has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 13: Replace Radiant Heating Distribution System

Subsequent to the previous version of this report, replacement of the underslab radiant heating with an overhead ceiling panel system has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37. To date, the system appears to have sufficient heat capacity for -45 degrees F. Some bugs in the controls system still need to be worked out.

Item No. 14: Install Direct Digital Control System

This item provides for installation of a direct digital control system to provide, for each occupied space, lighting and temperature control with night setback. System will provide improved comfort, and energy savings.

Item No. 15: Replace Hot Water Heater

Replace 2 vertical 300 gallon domestic hot water tanks and heaters with semi-instantaneous high efficiency type. Existing tanks are original equipment, over 25 years old, in poor condition, lack seismic restraint per UBC Sec 2312.

Item No. 16: Replace Main Distribution Panel

Subsequent to the previous version of this report, replacement of the main distribution panel has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

Item No. 17: Transformer Vault Corrections

Install fire damper on tranformer vault vent, and install 1 hour door on vault entry.

Item No. 18: Replace Feeders

Subsequent to the previous version of this report, feeder replacement has been completed under DHSS Project Nos. AK-87-F-04A37 and AK-87-F-05A37.

tem No. 19: Install Standby Generator

nstall a 35 KW diesel fueled emergency generator, complete with uel storage, day tank, 100 amp Automatic Transfer Switch, 100 mp panel and 100 ft of 1-1/4" conduit with 4 - #3 to connect the ystem.

tem No. 20: Replace Distribution Panels

ubsequent to the previous version of this report, distribution anels have been replaced under DHSS Project Nos. AK-87-F-04A37 nd AK-87-F-05A37.

tem No. 21: Install TV Distribution System

nstall 1" conduit system and Belden Twinaxial cable system with ack in each classroom, the library and the office for Television istribution, total 23 locations.

tem 22: Install Computer Network

nstall 1" conduit system with pull cord and blank outlet box in ach classroom, the library and the office for future computer etworking cabling, total 26 locations.

tem 23: Roof Repairs

he existing roof is leaking badly, and will need repairs as soon s possible. Many of the new ceiling tiles are already stained nd saturated within only months of being installed. An interim leaning, flood coat and flashing repairs are recommended until a omplete roof replacement can be undertaken.

ATTACHMENT 4

ANCHORAGE SCHOOL DISTRICT
SUMMARY OF PROGRAM STATEMENT AND COST
ON-BASE/POST SCHOOLS

NAME OF SCHOOL	ESTIMATE ORIGINAL	REVISED	INCREASE (DECREASE)
Aurora Elem.	$ 3,581,099	$ 4,771,152	$ 1,190,053
J.F. Kennedy Elem.	3,570,858	4,990,643	1,419,785
Mt. Iliamna Elem.	2,137,359	3,147,254	1,009,895
Mt. Spurr Elem.	3,529,511	4,987,544	1,458,033
Orion Elem.	3,890,339	4,998,481	1,108,142
Ursa Minor Elem.	3,914,909	4,998,065	1,083,156
Sub Total	20,624,075	27,893,139	7,269,064
Ursa Major Elem.	4,936,410	4,936,410	0
GRAND TOTAL	$ 25,560,485	$ 32,829,549	$ 7,269,064

Date Prepared: October 25, 1993

AURORA ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
1990 GRANT REQUESTS AND REVISIONS AND 1993 – ADDITIONAL GRANT REQUESTS CONSISTENT WITH DISTRICTWIDE FACILITY ANALYSIS (RETROFIT STUDY) AND NEW CODE REQUIREMENTS			
ASBESTOS ABATEMENT			
• Abate hazardous materials as specified in the consultant's report (Environmental Building Consultants, Inc., Portland, Oregon), dated October 1988.	435,500	410,000	Boiler room abated in 1991. Revised estimate by EHSA 1993.
LIFE SAFETY			
• Enhance fire alarm system and provide security system to include reporting back to ASD center.	72,299	40,000	New fire alarm system in 1991. Still needs security system and horn/strobes to current code.
• Provide sprinkler system throughout whole school (currently only provided in corridors).	324,445	204,000	Ceiling replacement duplicated in asbestos abatement and lighting replacement.
• Deactivate and remove existing electrical incoming main supply, distribution feeders and panels and replace with new main building distribution panel, feeders and power/lighting panels.	71,130	60,000	New main electrical panel installed in 1991. Feeder panels and distribution needed.
• Replace old unsafe electrical wiring device and replace antiquated light fixtures.	669,303	450,000	Miscellaneous improvements made. Initial over estimate.
• Kitchen Improvements	0	0	1992 Health Department inspection, code required upgrades - $17,731. Not required if new kitchen is constructed with new multipurpose room.

AURORA ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
HANDICAPPED ACCESS			
• Install automatic opening door device to building access doors.	11,963	11,963	No change.
• Americans with Disabilities Act compliance	0	43,208	1993 ADA report and estimate.
MAJOR MAINTENANCE			
• Replace inadequate intercom system.	27,548	45,000	1993 Maintenance estimate.
• Replace damaged front doors	47,655	35,000	Combined with handicapped access doors.
• Repair leaking roof area.	7,060	75,000	Parapet and flashing repair has become more extensive. 1993 estimate.
• Replace electrical water heater with heat exchanger system.	7,210	0	Replaced in 1993.
• Upgrade antiquated heating system.	127,926	130,000	Fan room upgrade still required. 1991 Maintenance estimate.
• Replace unsafe handrail and snow grates at entries.	4,530	4,530	No change.
• Provide EMS reporting controls system to ASD specifications.	76,293	60,000	Main panel and modest connections made in 1993. Full distribution system still needed.
• Playground paving.	0	20,000	Deteriorated paving.
• Magnetic door hold opens.	0	20,000	Ventilation improvement intertied to fire alarm system.

AURORA ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• Motion sensor light switches.	0	5,000	Energy conservation.
• Replace west glazing.	0	85,101	Heat loss/build up.
• Replace remainder of heating and mechanical system.	0	0	Delete. 1992 retrofit study estimated $719,493. Eliminated item to fit within budget. Main fan room being renovated in this project.
PROGRAM NEEDS			
• Addition for a new multipurpose room/stage and convert kitchen to storage room.	1,123,472	1,058,210	Multipurpose room, storage and kitchen addition. 1992 estimate, retains present stage.
• Alter existing IMC back into three (3) classrooms, including one (1) art room, one (1) computer room, and the other a standard classroom.	85,963	632,156	Convert 3 classrooms and court to IMC, convert IMC to special services and classroom, 1992 estimate.
• Alter two (2) existing classrooms to kindergarten rooms and enclose open court.	92,993	291,397	1992 estimate.
• Add soundproof operable wall at stage for music room.	84,184	84,184	No change.
• Provide mylar window covering to west facing windows.	47,692	0	Delete. Eliminated item to fit within budget.
• Remodel front office	33,334	0	Delete. Eliminated item to fit within budget.
• Provide storage units in twenty-five (25) classrooms.	23,261	23,261	No change.
• Remodel teachers' lounge.	15,673	15,673	No change.
• Increase inadequate grassed play area.	124,077	0	Delete. Ballfields constructed in 1993.

AURORA ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• Additional built-in cafeteria tables to accommodate student needs.	7,588	0	Delete. Not required with new multipurpose room.
• Classroom upgrades.	0	395,000	1992 Retrofit Study estimated $515,702. Amount reduced to fit project within budget.
• Convert locker to PE office and storage.	0	59,666	1992 Retrofit study.
• Music storage on existing stage.	0	50,338	1992 Retrofit study.
• Renovate art space.	0	109,201	1992 Retrofit study.
• Renovate space to provide special services.	0	0	Delete. $56,805 in 1992 Retrofit Study. Duplication if IMC is renovated for special services
• Renovate administration area.	0	0	Delete. 1992 Retrofit Study estimated $160,618. Area partially renovated in 1991.
• Parking lights.	0	41,133	1992 Retrofit Study.
Total 1990 (revised) and 1993 requests	$3,581,099	$4,459,021	
7% inflation 1992 to 1994	$250,677	$312,131	
Grand total based upon 1994 receipt of grant funds	$3,831,776	$4,771,152	

J.F. KENNEDY ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
1990 GRANT REQUESTS AND REVISIONS AND 1993 – ADDITIONAL GRANT REQUESTS CONSISTENT WITH DISTRICTWIDE FACILITY ANALYSIS (RETROFIT STUDY) AND NEW CODE REQUIREMENTS			
ASBESTOS ABATEMENT			
• Abate hazardous materials as specified in the consultant's report (Environmental Building Consultants, Inc., Portland, Oregon), dated October 1988.	256,458	50,000	Partially abated in 1991 and 1992. Revised estimate by EHSA 1993.
LIFE SAFETY			
• Enhance fire alarm system and provide security system to include reporting back to ASD center.	45,913	45,913	No Change.
• Provide sprinkler system throughout whole school.	202,283	140,000	Ceiling replacement duplicated with lighting replacement.
• Deactivate and remove existing electrical incoming main supply, distribution feeders and panels and replace with new main building distribution panel, feeders and power/lighting panels.	92,802	92,802	No Change.
• Replace old unsafe electrical wiring device and replace antiquated light fixtures.	287,501	287,501	No Change.
• Replace 4" check valve in mechanical room.	1,765	0	Replaced in 1992.
• Install residential stove hood at teachers' lounge to exhaust through CMU walls.	1,765	200	Install recirculating hood.

J.F. KENNEDY ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• Kitchen upgrade, additional storage/changing area, kitchen code improvements.	0	0	1992 Health Department inspection, code required upgrades. $68,555 if not included in gym addition and renovation.
HANDICAPPED ACCESS			
• Install handicapped ramp at the playground entry.	10,105	10,105	No Change.
• Americans with Disabilities Act compliance	0	27,028	1993 ADA report and estimate.
MAJOR MAINTENANCE			
• Replace leaking roof for the entire school building.	617,387	617,387	No change.
• Replace deteriorated carpet in classrooms, offices and lounge.	127,698	80,000	Partially replaced.
• Provide EMS reporting controls system to ASD specifications	65,577	16,000	Main panel and most of distribution installed in 1992.
• Install mini-blinds for all classrooms	26,475	12,000	Partial completion.
• Remove fluorescent and spotlight fixtures in multipurpose room and replace with HPS light fixtures.	28,752	0	Replaced in 1991.
• Replace exterior doors and hardware to reduce heat loss	31,770	20,000	Partial completion.
• Expand parking lot and restripe	12,079	0	Delete. Included in gym addition.
• Remove sunken pavement, backfill and landscape to provide drainage.	4,413	0	Delete. Included in gym addition

J.F. KENNEDY ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• Remove 50 gallon and 100 gallon electric hot water heaters and replace with steam to hot water heat exchanger.	7,890	0	Replaced in 1992.
• Replace antiquated and low efficiency heating system.	112,040	0	Replaced in 1992.
• Replace unsafe snow grates at entries	2,012	2,012	No Change.
• Repair blacktop and provide sand under playground equipment	42,005	20,000	Partially complete.
• Install 25 KW generator and metal enclosure.	92,115	0	Delete. Eliminated item to fit within budget.
• Site lighting	0	0	Delete. 1992 Retrofit Study. Included in gym addition.
• Replace hall tile, asbestos	0	50,000	Old tile.
• Expand parking lot	0	0	$60,000 if not included in gym addition.
• Remodel faculty room and work room	0	0	$25,000 if not included in gym/admin addition.
• Repave playground and parking lot	0	0	$75,000 if not included in gym addition.
PROGRAM NEEDS			
• ...tion for a new IMC with computer classroom ASD specifications.	637,649	0	Delete - 1992 Retrofit Study.
• Alter existing library back to classroom use for art class.	26,537	192,939	Remodel IMC and adjacent class room for computer room - 1992 Retrofit Study.
• Addition for a multipurpose room with office/shower, storage room, OT/PT to ASD specifications	837,867	2,392,093	Gym/stage/music administration addition with offices, storage, OT/PT - 1992 Retrofit Study.

J.F. KENNEDY ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• 2 classroom and 4 kindergarten addition	0	0	1992 Retrofit Study. Delete. Not supported by attendance forecast.
• Remodel art rooms	0	120,563	1992 Retrofit Study.
• Mullipurpose room remodel	0	156,312	1992 Retrofit Study.
• Remodel administration area	0	171,883	1992 Retrofit Study.
• Playground improvements	0	159,414	1992 Retrofit Study.
Total 1990 (revised) and 1993 requests	$3,570,858	$4,664,152	
7% inflation 1992 to 1994	$249,960	$326,491	
Grand total based upon 1994 receipt of grant funds	$3,820,818	$4,990,643	

MT. ILIAMNA ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1991-92	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
1990 GRANT REQUESTS AND REVISIONS AND 1993 – ADDITIONAL GRANT REQUESTS CONSISTENT WITH DISTRICTWIDE FACILITY ANALYSIS (RETROFIT STUDY) AND NEW CODE REQUIREMENTS			
ASBESTOS ABATEMENT			
• Abate hazardous materials as specified in the consultant's report (Environmental Building Consultants, Inc., Portland, Oregon), dated October 1988.	189,415	65,000	Boiler room abated in 1992. Revised estimate by EHSA 1993.
LIFE SAFETY			
• Enhance fire alarm system and provide security system to include reporting back to ASD center.	47,212	75,000	Fire alarms upgraded in 1991, modified horn/strobes needed, interlie to new intercom and phone system.
• Deactivate and remove existing electrical incoming main supply, distribution feeders and panels and replace with new main building distribution panel, feeders and power/lighting panels.	46,102	75,000	Larger main supply required for addition and equipment. Revised estimate 1993.
• Replace old unsafe electrical wiring device and replace antiquated light fixtures.	212,834	212,834	No change.
• Install metal raceway with outlet at 6'0" o/c above fan unit in all classrooms.	11,963	6,000	Revised estimate 1993.
• Install exhaust fans in testing room and toilets to provide better ventilation.	16,660	16,660	No change.
• Kitchen Upgrade, additions storage/changing area, kitchen code improvements.	0	129,694	1992 Health Department inspection.
• Install sprinkler system.	0	166,200	Required with additions to educational facilities.

MT. ILIAMNA ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1991-92	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
HANDICAPPED ACCESS			
• Americans with Disabilities Act compliance	0	36,101	1993 ADA report and estimate.
MAJOR MAINTENANCE			
• Install (9) overflow drains to provide proper drainage.	19,856	19,856	No change.
• Replace leaking and deteriorated roofing with new efficient roofing system.	540,661	540,661	No change.
• Install air handling unit in office area to provide better heating and ventilation environment.	22,330	22,330	No change.
• Replace water heater.	7,210	0	Replaced in 1992.
• Replace antiquated and low efficiency heating system.	112,040	0	Replaced in 1992.
• Prepare and paint deteriorated exterior of building.	26,348	26,348	No change.
• Install residential hood over stove/oven in lounge.	1,589	200	Install recirculating hood.
• Repair deteriorated blacktop in playground area and provide softer material under playground equipment for handicapped children.	132,165	50,000	Partially completed.
• Provide EMS reporting controls system to ASD specifications.	50,585	20,000	Main connections made in 1992. Additional connections needed.
• Install and replace carpeting.	0	164,660	1992 Retrofit Study.
• Correct negative air balance.	0	30,000	Heating/ventilation need.

MT. ILIAMNA ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1991-92	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
PROGRAM NEEDS			
• Install cork strip along corridor walls for art display.	3,178	3,178	No change.
• Enlarge parking area and install lighting.	69,928	30,000	Partially completed.
• IMC addition, standard size to ASD specifications.	627,283	627,283	No change.
• Administration addition and renovation.	0	522,824	1992 Retrofit Study.
• Partition area for offices.	0	101,330	1992 Retrofit Study.
Total 1990 (revised) and 1993 requests	$2,137,359	$2,941,359	
7% inflation 1992 to 1994	$149,615	$205,895	
Grand total based upon 1994 receipt of grant funds	$2,286,974	$3,147,254	

MT. SPURR ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
1990 GRANT REQUESTS AND REVISIONS AND 1993 – ADDITIONAL GRANT REQUESTS CONSISTENT WITH DISTRICTWIDE FACILITY ANALYSIS (RETROFIT STUDY) AND NEW CODE REQUIREMENTS			
ASBESTOS ABATEMENT			
• Abate hazardous materials as specified in the consultant's report (Environmental Building Consultants, Inc., Portland, Oregon), dated October 1988.	236,908	45,000	Corridor ceiling abated in 1991. Partial mechanical room abatement 1992. Revised estimate by EHSA 1993.
LIFE SAFETY			
• Enhance fire alarm system and provide security system to include reporting back to ASD center.	72,299	50,000	Some improvements made to fire alarm system in 1991.
• Deactivate and remove existing electrical incoming main supply, distribution feeders and panels and replace with new main building distribution panel, feeders and power/lighting panels.	55,033	55,033	No change.
• Replace old unsafe electrical wiring device and replace light fixtures.	142,615	130,000	Corridors upgraded in 1993.
• Install exhaust fans in restrooms.	12,416	12,416	No change.
• Close street on northwest. side of school to expand parking lot and to provide room for school additions.	98,768	90,000	Street closed. Site improvements needed.
• Kitchen Upgrade, additional storage/changing area, kitchen code improvements.	0	0	1992 Health Department inspection, code required upgrades. $129,694 if kitchen not replaced with multipurpose addition

MT. SPURR ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• Install sprinkler system.	0	182,676	Code requirement with additions to educational facilities.
HANDICAPPED ACCESS			
• Install handicapped ramp at playground entry to building.	10,070	0	Completed.
• Americans with Disabilities Act compliance	0	22,945	1993 ADA report and estimate.
MAJOR MAINTENANCE			
• Replace leaking and deteriorated roofing for whole school.	553,086	0	Being replaced in 1993 and 1994.
• Replace deteriorated carpet in (16) classrooms.	72,820	40,000	Elimination of duplicated items.
• Paint interior of school.	24,955	0	Complete.
• Install mini-blinds in (16) classrooms.	35,582	20,000	Partial completion. Install blinds in 11 classrooms and mullipurpose room.
• Replace water stained ceiling panels.	425	0	Complete.
• Replace water heater.	7,210	0	Replaced in 1992.
• Replace existing antiquated low efficiency heating system.	112,040	120,000	Revised estimate by ASD Maintenance, 1993.
• Install vinyl composition tiles missing in classrooms.	265	0	Completed.

MT. SPURR ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• Provide EMS reporting controls system to ASD specifications.	42,662	78,000	Revised estimate by ASD electrical administrator and Landis/Gyr Powers.
• New ventilation system for south side of building	0	173,712	1992 Retrofit study.
• Replace all ceilings.	0	0	Delete. 1992 Retrofit Study estimate is $423,922. Eliminated item to fit within budget.
• Install TV cable in classrooms.	0	0	Delete. 1992 Retrofit Study estimate is $17,084. Eliminated item to fit within budget.
• Paint exterior of school.	0	0	Delete. 1992 Retrofit Study estimate is $17,946. Eliminated item to fit within budget.
• Replace corridor floor tile, asbestos.	0	36,360	1992 Retrofit Study.
• Replace multipurpose room tables with portables.	0	0	$30,000 if not included in new Multipurpose room.
PROGRAM NEEDS			
• Expand kindergarten center.	328,860	0	Delete. Eliminated item to fit within budget.
• Remodel existing gym.	39,396	356,072	Convert undersized multipurpose to IMC; IMC to ad and computer classrooms, 1992 Retrofit Study.
• Addition for a new gym to ASD specifications.	1,448,119	2,642,677	Gym/multipurpose/stage/kitchen addition with offices and storage. 1992 Retrofit Study.
• Install computer power outlets (33) personal computers and one printer.	195,149	0	Delete. Included in computer classroom, 1992 Retrofit Study.
• Install power strip with new circuit for classrooms.	33,320	0	Delete. Included in life safety electrical wiring.

MT. SPURR ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY
ESSENTIAL NEEDS FOR ACCEPTANCE OF SCHOOLS

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• Install T.V. bracket for better viewing in library and classrooms.	7,513	0	Delete. Eliminated item to fit within budget.
• 4 kindergarten addition.	0	600,000	1992 Retrofit Study. Decrease to two kindergarten addition to stay within budget.
• Add restroom in nurse area.	0	6,365	1992 Retrofit Study.
• Relocate ball field.	0	0	Accomplish in street closure. 1992 Retrofit Study estimate is $83,735.
Total 1990 (revised) and 1993 requests	$3,529,511	$4,661,256	
7% inflation 1992 to 1994	$247,066	$326,288	
Grand total based upon 1994 receipt of grant funds	$3,776,577	$4,987,544	

ORION ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
1990 GRANT REQUESTS AND REVISIONS AND 1993 -- ADDITIONAL GRANT REQUESTS CONSISTENT WITH DISTRICTWIDE FACILITY ANALYSIS (RETROFIT STUDY) AND NEW CODE REQUIREMENTS			
ASBESTOS ABATEMENT			
• Abate hazardous materials as specified in the consultant's report (Environmental Building Consultants, Inc., Portland, Oregon), dated October 1988.	488,529	115,000	Partial abatement in 1991. Revised estimate by EHSA 1993.
LIFE SAFETY			
• Enhance fire alarm system and provide security system to include reporting back to ASD center.	77,670	77,670	No Change.
• Provide sprinkler system throughout whole school (currently only provided in basement).	346,615	220,000	Ceiling replacement duplicated in lighting replacement.
• Provide new layout for auto/bus/pedestrian flow for safer traffic.	86,617	86,617	No Change.
• Deactivate and remove existing electrical incoming main supply, distribution feeders and panels and replace with new main building distribution panel, feeders and power/lighting panels.	108,645	108,645	No Change.
• Replace old unsafe electrical wiring device and replace antiquated light fixtures.	377,157	337,157	No Change.
• Kitchen Upgrade, additional storage/changing area, kitchen code improvement	0	0	1992 Health Department inspection, code required upgrades. $66,978 if not included in Multipurpose Addition.

ORION ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
HANDICAPPED ACCESS			
• Install handicapped accessible toilets in music center.	4,959	4,959	No Change.
• Americans with Disabilities Act compliance	0	37,931	1993 ADA report and estimate.
MAJOR MAINTENANCE			
• Replace leaking roof in Rigel area.	312,443	0	Will be replaced in 1993, funded.
• Replace (3) heat coil/fan combo unit heater in the eastside. Recently (3) in the westside have been replaced.	14,826	21,000	Replace three cabinet unit heaters in IMC including controls.
• Install suspended ceiling in library.	64,780	0	Delete. Item eliminated to fit project within budget.
• Replace water heaters.	7,210	3,500	One replaced in 1991.
• Replace antiquated heating system	112,464	112,464	No Change.
• Install duct mounted humidifier in musical instrument storage area.	3,090	0	Delete for health and maintenance concerns.
• Replace deteriorated window curtains and rods with mini-blinds.	2,974	35,000	Revised estimate for school and music center.
• Install office door.	1,950	1,950	No Change.
• Replace unsafe handrail.	5,998	5,998	No Change.
• Replace door with relight.	1,596	0	Complete.

ORION ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• Install (3) full size picture windows with lower portion operable in gym to provide daylight and ventilation.	13,237	0	Delete. Not required if multipurpose room is constructed.
• Install electric school clock system.	35,299	65,000	Needs intercom and master clock system.
• Provide EMS reporting controls system to ASD specifications.	98,286	120,000	Revised estimate by ASD electrical administrator and controls contractor.
• Remodel IMC ceiling and lights.	0	0	Delete. $60,000 maintenance estimate. Eliminate item to stay within budget.
• Renovate restrooms.	0	60,000	Unit request.
• Replace lockers with coat/cubby areas.	0	0	Delete. $60,000 maintenance estimate. Eliminate item to stay within budget.
PROGRAM NEEDS			
• Remodel IMC.	4,031	4,031	No Change.
• Playground improvements.	45,008	45,008	No Change.
• Install new air handling unit and cooling system to improve poorly functioning system in music center.	87,819	87,819	No Change.
• Addition for a new multipurpose room, stage and music room.	1,440,965	1,440,965	No Change.
• Install (21) classroom sinks.	126,454	90,000	Partial completion 1993.
• Remodel office area to provide better use of space, both school and music center.	21,717	75,000	1993 Maintenance estimate.

ORION ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• Convert 18 undersized classrooms to 12 classrooms and special services rooms. Construct 6 new classrooms.	0	1,195,000	1992 Retrofit Study estimated $2,014,954. Decrease scope to stay within budget. Convert 9 rooms to 6. Construct 4 new classrooms and interior remodeling.
• Convert music to art and PE locker area to art and general storage.	0	250,000	1992 Retrofit Study.
• Renovate for conference room.	0	8,525	1992 Retrofit Study.
• Renovate teacher lounge/parent – after-school area.	0	62,239	1992 Retrofit Study.
Total 1990 (revised) and 1993 requests	$3,890,339	$4,671,478	
7% inflation 1992 to 1994	$272,324	$327,003	
Grand total based upon 1994 receipt of grant funds	$4,162,663	$4,998,481	

URSA MINOR ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
1990 GRANT REQUESTS AND REVISIONS AND 1993 – ADDITIONAL GRANT REQUESTS CONSISTENT WITH DISTRICTWIDE FACILITY ANALYSIS (RETROFIT STUDY) AND NEW CODE REQUIREMENTS			
ASBESTOS ABATEMENT			
• Abate hazardous materials as specified in the consultant's report (Environmental Building Consultants, Inc., Portland, Oregon), dated October 1988.	609,827	320,000	Partial completion 1991. Revised estimate by EHSA 1993.
LIFE SAFETY			
• Enhance fire alarm system and provide security system to include reporting back to ASD center.	51,582	51,582	No Change.
• Lateral brace the suspended ceiling. Provide cross bracing to adequately meet seismic zone 4 code requirement.	40,826	40,826	No Change.
• Replace unsafe snow grates at entries and replace toilet partitions.	13,565	13,565	No Change.
• Deactivate and remove existing electrical incoming main supply, distribution feeders and panels and replace with new main building distribution panel, feeders and power/lighting panels.	61,113	61,113	No Change.
• Traffic Safety auto, bus, pedestrian separation, drop off, parking upgrades.	0	67,801	1992 Retrofit Study.
• Kitchen upgrade.	0	123,378	1992 Retrofit Study.
• Install sprinkler system.	0	173,040	Code requirement for addition to education facility.

CORRECTION

THIS DOCUMENT
HAS BEEN REPHOTOGRAPHED
TO ASSURE LEGIBILITY

URSA MINOR ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
1990 GRANT REQUESTS AND REVISIONS AND 1993 – ADDITIONAL GRANT REQUESTS CONSISTENT WITH DISTRICTWIDE FACILITY ANALYSIS (RETROFIT STUDY) AND NEW CODE REQUIREMENTS			
ASBESTOS ABATEMENT			
• Abate hazardous materials as specified in the consultant's report (Environmental Building Consultants, Inc., Portland, Oregon), dated October 1988.	609,827	320,000	Partial completion 1991. Revised estimate by EHSA 1993.
LIFE SAFETY			
• Enhance fire alarm system and provide security system to include reporting back to ASD center.	51,582	51,582	No Change.
• Lateral brace the suspended ceiling. Provide cross bracing to adequately meet seismic zone 4 code requirement.	40,826	40,826	No Change.
• Replace unsafe snow grates at entries and replace toilet partitions.	13,565	13,565	No Change.
• Deactivate and remove existing electrical incoming main supply, distribution feeders and panels and replace with new main building distribution panel, feeders and power/lighting panels.	61,113	61,113	No Change.
• Traffic Safety auto, bus, pedestrian separation, drop off, parking upgrades.	0	67,801	1992 Retrofit Study.
• Kitchen upgrade.	0	123,378	1992 Retrofit Study.
• Install sprinkler system.	0	173,040	Code requirement for addition to education facility.

URSA MINOR ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
HANDICAPPED ACCESS			
• Americans with Disabilities Act compliance	0	24,291	1993 ADA report and estimate.
MAJOR MAINTENANCE			
• Replace leaking and deteriorated roof system.	559,514	621,050	1992 Retrofit Study.
• Replace old carpet throughout this building.	129,059	0	Completed.
• Replace exterior window to minimize the energy loss.	317,696	317,696	No Change.
• Replace deteriorated front sidewalk.	14,614	14,614	No Change.
• Install exhaust fans in restrooms.	6,142	0	Complete.
• Replace water heater.	7,210	7,210	No Change.
• Replace antiquated and low efficiency heating system.	112,040	160,000	Revise per ASD Maintenance estimates.
• Replace damaged gypboard wall surface and refinish the wall.	2,982	2,982	No Change.
• Install 25 KW generator and metal enclosure.	94,409	0	Delete. Item eliminated to fit project within budget.
• Mechanical renovation.	0	6,268	1992 Retrofit Study.
• Ceiling and lights in multipurpose room.	0	0	$40,530 if not replaced in asbestos abatement. 1992 Retrofit Study.

URSA MINOR ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• Replace domestic water piping, add hot water to classrooms.	0	150,000	Unit request.
• Construct outdoor storage shed.	0	0	Delete. $5,000 Maintenance estimate. Eliminate item to stay within budget.
• Replace toilet partitions.	0	0	Delete. $15,000 Maintenance estimate. Eliminate item to stay within budget .
• Paint building exterior.	0	0	Delete. $30,000 Maintenance estimate. Eliminate item to stay within budget.
PROGRAM NEEDS			
• Addition for a new gym to ASD specifications.	1,099,501	1,400,000	Add new gym/stage/music with offices, storage OT/PT. 1992 Retrofit Study.
• Addition for a new IMC and computer classroom to ASD specifications.	627,283	627,283	No Change.
• Alter existing IMC back into (1) art room and (1) additional kindergarten room.	26,537	172,370	Convert IMC and small classroom to two kindergarten classrooms. 1992 Retrofit Study.
• Provide EMS reporting controls system to ASD specifications.	76,689	95,000	Adjust per ASD electrical administrator and controls contractor.
• Repair blacktop surface, place topsoil and seed. Provide new playground equipment.	51,184	51,184	No Change.
• Remodel administrative office to provide larger work space.	10,643	10,643	No Change.

URSA MINOR ELEMENTARY SCHOOL
PROGRAM STATEMENT AND COST SUMMARY

PROJECT DESCRIPTION AS CONTAINED IN 1990 GRANT APPLICATION COST ESTIMATES	ORIGINAL ESTIMATE 1990	REVISED ESTIMATE 1992-93	EXPLANATION OF REVISED PROJECT DESCRIPTIONS AND COST ESTIMATES.
• Enlarge vestibule from playground to provide adequate space for children to sit and remove skates and a place to store skates.	2,493	2,493	No Change.
• Four classroom addition.	0	0	Delete. Not supported by Demographics. $1,210,807 in 1992 Retrofit Study.
• Convert 3 classrooms to IMC, IMC addition in lieu of New IMC and computer classroom listed above.	0	0	Delete. Replacement classrooms not in program. $558,419 in 1992 Retrofit Study.
• Art room, administration, toilet, storage addition	0	0	Delete. $1,314,424 in 1992 retrofit study. Eliminate item to stay within budget.
• Administration area renovation	0	156,700	1992 Retrofit Study.
Total 1990 (revised) and 1993 requests	$3,914,909	$4,671,089	
7% inflation 1992 to 1994	$274,044	$326,976	
Grand total based upon 1994 receipt of grant funds	$4,188,953	$4,998,065	

ATTACHMENT 5

HOUSE CONCURRENT RESOLUTION NO. 20

IN THE LEGISLATURE OF THE STATE OF ALASKA

EIGHTEENTH LEGISLATURE - FIRST SESSION

BY REPRESENTATIVE MULDER

Introduced: 4/20/93
Referred: Rules

A RESOLUTION

Establishing a task force on schools on military bases.

BE IT RESOLVED BY THE LEGISLATURE OF THE STATE OF ALASKA:

WHEREAS schools located on Fort Richardson, Fort Wainwright, Fort Greeley, Elmendorf Air Force Base, Eielson Air Force Base, Adak Naval Station, and the Kodiak Coast Guard Support Center are operated by the local school district or rural educational attendance area; and

WHEREAS the federal government owns most of these schools; and

WHEREAS most of these school buildings are significantly below building standards when compared to other schools within these areas; and

WHEREAS the local school districts are expressly prohibited from conducting major maintenance or selling general obligation bonds to raise money for these schools; and

WHEREAS the state has appropriated funds to provide for the maintenance of these schools at a time when state revenue is in severe decline; and

WHEREAS the United States Department of Education, Office of Impact Aid, has made a commitment to provide major assistance for school maintenance; and

WHEREAS schools on military bases in the state are the second highest national priority of the United States Department of Education; and

WHEREAS repairs by the federal government may not begin for another two to three years due to a federal program of resurveying maintenance needs at these schools, known as the Dole Study; and

WHEREAS parents of children attending these schools believe their children could receive better treatment and that federal officials have not been responsive to their concerns;

BE IT RESOLVED by the Alaska State Legislature that the Military Schools Task Force is established for the purpose of examining options for repair and maintenance of schools on military bases and to recommend necessary legislation; and be it

FURTHER RESOLVED that the task force shall consist of 12 members as follows:

(1) two members of the Senate appointed by the President of the Senate;

(2) two members of the House of Representatives appointed by the Speaker of the House:

(3) the chair of the state Board of Education;

(4) two members representing school districts with schools on military bases appointed by the Governor:

(5) one member representing the parent advocacy committee;

(6) the chief administrative officer of the Anchorage and Fairbanks school districts;

(7) one member representing the United States Coast Guard appointed by the United States Coast Guard;

(8) one member representing the United States Air Force appointed by the United States Air Force:

(9) one member representing the United States Army appointed by the United States Army; and be it

FURTHER RESOLVED that the task force shall report its preliminary findings and recommendations to the Governor and the legislature by November 15, 1993, and shall submit a final report to the Governor and the legislature by January 9, 1994; and be it

FURTHER RESOLVED that the task force is terminated on January 10, 1994.

ATTACHMENT 6

Base schools need better facilities

Jan Catton
nt Advocacy Committee

here are some very exciting times ahead for ora, Mount Iliamna, Mount Spurr and Orion nentary schools here on Elmendorf! These ols have some of the best teachers and ad- strators in Anchorage, not to mention, the best ! However, the school facilities do not meet mal standards acceptable by the district. lthough the schools are operated by the An- age School District, the facilities are actually ed by the United States Department of Education until funds are received to bring the schools up inimum standards, the district will not accept ership of them.

hile all the facilities are in differing degrees of ioration, some of the worst schools have defec- roofs, walls that do not meet seismic code re- ments, insufficient storage areas and inadequate for all children to gather for assemblies, etc. e Parent Advocacy Committee (PAC) is working ing this on-going problem to the forefront of and federal legislators' minds and hearts.

any of you participated in r PAC Letter ing Campaign in which 97 pounds of letters were sent to 10 different state and federal legislators. We have had a tremendous response, and people are beginning to actively address the issue of funding for these schools.

This coming Monday, April 12th, we are encouraging everyone to attend the Anchorage School Board meeting at the Anchorage School District Administration Building, 4600 Debarr (between Bragaw and Boniface). The meeting will be held in Room 105 at 6:45 p.m. During the meeting, our military liaison, Captain Dennis Porter, will be introduced and present a proposed resolution regarding our schools. Captain Porter will represent the official military position. All others are allowed a 3 minute presentation, if desired, but must sign in by 6:30. We need your support — please plan to attend.

The upcoming municipal election on April 20th is crucial for our schools' interests. We will be voting for five new members of the Anchorage School Board. There are 4,172 registered voters on Elmendorf AFB. From city officials to state legislators, I have heard that "military people just don't get out and vote in municipal elections but, if they did, they would be a formidable force for change."

Decide today to vote and be part of that change!

To support you, we will be publishing the results of a questionnaire, sent to each school board candidate, in the next issue of the *Sourdough Sentinel*. This questionnaire is focused on their qualifications, motivations and commitment to supporting the military community. We hope this information will help as you consider how to vote.

VOTE ON APRIL 20TH AT THE TALKEETNA THEATER. Polls will be open from 0700-2000. If you will be unable to vote on the 20th, the city clerk's office is offering absentee voting at the Northern Lights Shopping Center (corner of Spenard & Northern Lights) from April 5-19, 0800-1700. Contact the city clerk's office for more information at 343-4311.

In addition to electing new school board members, we will be voting for an Anchorage assembly representative and several propositions (7 ballots total). Sample ballots will be available at the Talkeetna Theater and all polling places.

As I said, there are some very exciting times ahead not just for schools but for Elmendorf and the entire Anchorage community! Be part of it by coming to the school board meeting on April 12th and voting in the municipal election on April 20th!

ATTACHMENT 7

Base schools wait in tangle of red tape

By JAY BLUCHER
Daily News reporter

While Anchorage voters can at least vote on whether to spend money to fix deteriorating schools, people who live on the neighboring military bases don't have that luxury. Instead, they've been waiting for years as various government agencies work out who fixes the seven crumbling elementary schools on Elmendorf Air Force Base and Fort Richardson.

Some of the worst schools have defective and leaking roofs, walls weaker than building codes require, asbestos removal problems and need fire alarm upgrades and sprinkler systems.

The problem is a question of responsibility. While it's the Anchorage School District's job to provide an education to military youngsters, the district doesn't own the on-base buildings. The federal Department of Education does. To complicate the situation even more, the Department of Defense owns the land the schools sit on. And while bureaucrats have promised over the years to fix the buildings, nothing's happened yet.

"It's a classic Catch-22 situation

Please see Page B-2, MILITARY

Anchorage Daily News
Sunday, April 18, 1993

MILITARY: Schools mired in red tape

Continued from Page B-1

in that we are part of the Anchorage school system, and yet we also are not," said Jan Catton, whose two children attend Mount Spurr Elementary School, built in 1954 at Elmendorf.

Catton and other military parents, teachers and citizens have organized into a Parent Advocacy Committee, trying to bring the problems of the seven schools to the forefront of state and federal legislators' minds.

"I'm just flabbergasted that our children, who are more valuable to us than anything else in the world, are forced to attend schools in facilities as deteriorated as these are on base," she said.

Two years ago, the Anchorage School Board and Anchorage Assembly struck a deal with federal officials to take ownership of the base schools after the federal Department of Education approved $25 million to fix them up.

The problem is, progress has been excruciatingly slow. Plans have to be drawn up and approved at various bureaucratic levels. To date, no construction work has been done, according to Capt. Dennis Porter, newly appointed military delegate to the Anchorage school board.

Military families were further confused and frustrated this spring when they discovered roof repairs for Orion Elementary School, on Elmendorf Air Force Base, were included in the district's $22.2 million building repair bond on Tuesday's ballot. Various legal opinions have said that local bond debt cannot be used to fix up federal property.

Acting school superintendent Bob Christal said Orion's presence on the bond propositions was a mistake. He said district officials had discussed removing Orion from the bond proposition, but decied to leave it on because the district is still trying to get the federal dollars to repair the schools.

"If the bond passes and we find out we can't use any of the money for repairs at Orion, then we simply won't bond for that $300,000 portion of the bond," he said.

ATTACHMENT 8

STATE OF ALASKA

WALTER J. HICKEL, GOVERNOR

DEPARTMENT OF EDUCATION

GOLDBELT PLACE
801 WEST 10TH STREET, SUITE 200
JUNEAU, ALASKA 99801-1894

OFFICE OF THE COMMISSIONER

March 16, 1993

Richard Riley, Secretary
U.S. Department of Education
Federal Building #6
400 Maryland Avenue SW, Room 4181
Washington, D.C. 20202

Dear Secretary Riley:

The State of Alaska, in concert with its local school districts and the U.S. Department of Education (USDOE), has been working with the U.S. Department of Defense (DOD) to transfer the military base and post public schools from USDOE ownership to that of the State of Alaska.

The transfer of these schools began in earnest in June 1990. At that time, a meeting was held at Elmendorf Air Force Base in Anchorage to discuss this issue. Representatives from DOD, and USDOE, the State Board of Education, Alaska State Legislature, military commanders, staff and school superintendents were in attendance. As a result of this meeting, procedures for the transfer were outlined and all parties pledged their cooperation and support. In addition, the State Department of Education (DOE) was instructed to develop a priority listing of the schools involved. That list was completed and is currently being used by USDOE to determine the order of transfer.

There were originally fifteen schools on military bases in the State of Alaska slated to be transferred to the State. Through the cooperation of DOD and the State of Alaska, two new elementary schools were constructed on Ft. Wainwright

Army Post. These schools replaced seriously dilapidated and unsafe buildings. Moreover, USDOE provided funds for the upgrade of the schools on the Coast Guard base in Kodiak, and Mt. Hayes School on Ft. Greely. The transfer is complete and the facilities are being brought up to code at this time. Additionally, USDOE has $4.9 million currently available for use at Ursa Major Elementary School on Fort Richardson Army Post. The Fairbanks North Star Borough School District has also received authorization to spend $3.9 million for the upgrade of Taylor and Pennel Elementary Schools located on Eielson Air Force Base.

The upgrade and transfer of these schools has been and promises to be a long and slow process involving a number of federal, state and local entities. Although USDOE has provided funding on a continual basis, the State is concerned about the safety of the students, teachers and other personnel who occupy these facilities on a daily basis. In addition, the escalating cost of repair, as buildings continue to deteriorate, and the rise in construction costs, as projects are delayed, is a source of perpetual concern.

We are most concerned for the safety of the children and want to do everything we can to expedite the transfer process. It is my sincere hope and that of the Governor, that USDOE will continue to give Alaska a heightened emphasis and priority, so the needed funding will continue to flow. Once the schools are brought up to standard, we will execute the transfer process quickly to assume ownership.

I wish to extend my appreciation to those individuals and agencies and school districts that have been involved in this undertaking throughout the years. Without their cooperation and support, no progress would have been made. However, these facilities, and the communities that they

serve, deserve serious attention. If there is any assistance I can provide that would help to expedite this process so that the remaining facilities may be transferred in a timely manner, please do not hesitate to contact me.

Sincerely,

Jerry Covey
Commissioner

cc: Lieutenant General Joseph Ralston, USAF
Commander, Alaskan Command

Honorable Walter J. Hickel
Governor, State of Alaska

U.S. Senator Ted Stevens

U.S. Senator Frank Murkowski

U.S. Congressman Don Young

ATTACHMENT 9

March 23, 1993

Status of On-Base Schools In Alaska
Facts & Figures

BACKGROUND

June 22, 1990 - General McInerney's Conference on Military Schools
The following established at the conference:

- Alaskan on-base schools deteriorated. Renovations & upgrades take at least 2 years to complete because of arctic weather.
- Funds required to bring schools up-to-code & then transfer ownership from the USDOE to the respective school districts.
- Plan established to construct a priority listing for the schools &, over 3-5 years (starting in 1990), USDOE would fund renovation in each school &, in turn, transfer ownership to the school district.

WHAT HAPPENED?

In July, 1990, Steve Hole, State of Alaska D.O.E., received from each school district a priority listing of each of its on-base schools. Mr. Hole compiled all the lists into one main priority list and submitted it to Ms. Laurel Cornish at USDOE. In September, 1990, the main priority list was revised & did not list the schools at Kodiak (Peterson Elementary) or Ft. Greely (Mt. Hayes Elementary) because he learned that these schools would be funded with previously available funds (the rationale being they were relatively inexpensive to renovate & since they were the only schools in their district needing to be transferred, progression would be shown). Revised Priority List is attached.

PRESENT STATUS: See Update of Status of Schools Transference (attached).

Bottom Line: Out of 15 schools listed on revised list, although 2 schools have been <u>appropriated</u> money, none have <u>received</u> any money from the <u>USDOE</u>.

PRESENT CONDITION OF SCHOOLS REMAINING ON THE LIST:

The schools continue to <u>seriously</u> deteriorate because of the extreme weather conditions in Alaska. Each school is at a different level of deterioration. The worst schools can be described as tenement buildings where the children push their desks to the center of their classroom to keep warm (Taylor & Pennell Elementary). At another school, the roof is deteriorated & the beam supporting the roof cannot support the snow load levels & the walls that support the deteriorated roof do not meet seismic code requirements (Mt. Spurr Elementary)!

MONEY REQUIRED: (schools are <u>not</u> listed in order of priority of need)

	$4,936,410 Ursa Major (Ft. Richardson)
	3,914,909 Ursa Minor (Ft. Richardson)
	3,890,339 Orion (Elmendorf AFB)
	3,581,099 Aurora (Elmendorf AFB)
	3,570,858 J. F. Kennedy (Ft. Richardson)
	3,529,511 Mt. Spurr (Elmendorf AFB)
	2,137,359 Mt. Iliamna (Elmendorf AFB)
SUBTOTAL:	$25,560,485*
	$13,400,000 Taylor & Pennell Replacement**
	2,500,000 Anderson Elementary**
	9,000,000 Ben Eielson Jr/Sr High**
TOTAL:	$50,460,485
	(4,936,410) Already Appropriated (Ursa Maj)
	(3,900,000) Already Appropriated (Tay/Pen)
GRAND TOTAL:	$41,624,075***

*This figure reflects 1990 cost estimates taken from the HMS 7 Base Schools study. **Inflation & new code requirements should also be added.**

**Fairbanks schools cost estimates are current for '93. Note: although $3.9 million has been appropriated for the Taylor & Pennell replacement school, it, alone, is not enough to construct the school. An additional $9.5 million is required (this is included in the estimate above).

***This figure does not include cost estimates for 2 Adak schools.

In Summary:

As Chairman of the Parent Advocacy Committee working to find funding for our schools, I ask for your support to find creative ways to solve this problem. This committee is suggesting a matching funds solution in which the State of Alaska & the federal government cooperate together in funding the renovation and/or replacement of these schools. At the State level, we are suggesting funds be drawn from either BP/Phillips tax money, the interest-bearing Permanent Dividend account and/or end-of-year, combined, personal legislative grants. At the Federal level, we are asking the DOD & USDOE to pool resources to provide funding.

BOTTOM LINE: The approximate $42 million dollars required is "loose change" in the pockets of the federal & state governments. Meanwhile, our children's education & possible welfare is being victimized by a "political tug-of-war" that can be fixed if people care.

The children await your response in solving their problem.

Responses or questions can be directed to:

Jan Catton
Chairman, Parent Advocacy Committee
6340 H Street, Apt. A
Elmendorf AFB, AK 99506
(907) 753-0714

Thank you for your support.

February, 1993

Status of Schools Transference
(those completed are in bold)

Eielson - Taylor & Pennell Elementary (#1 & 2 on Priority List):

$3,900,000 (See phone conversation summary with Len Mackler)

-school district to hold this money until enough funds received to complete new construction of 600 member elementary school to replace Taylor & Pennell

According to phone conversation with Laurel Cornish (see summary, dated 2/8/93), funds not transferred yet - awaiting paperwork from school district.

Ft. Richardson - Ursa Major Elementary (#3 on Priority List):

$4,936,410.00 to bring up-to-code

According to phone conversation with Laurel Cornish (see summary, dated 2/8/93), funds not transferred yet - awaiting paperwork from school district.

Per meeting with Janet Stokesbary on 2/10/93:

1. ASD worked for months with the Army Corps of Engineers (as per Impact Aid Director, Chuck Hanson's, instructions) to get the 25 year site lease, only to find out they were the wrong agency. The Bureau of Land Management was contacted the second week in January, '93, to start site lease process all over again.

2. The letter of assurances has been submitted to ASD lawyers for review.

3. The revised list of required upgrades @ Ursa Major has been submitted to ASD lawyers. The $total$ remains basically still @ $4.9 million because even though upgrades have been made since the transfer process began, the ASD standards for the # of kindergarten rooms has changed & Ursa Major is now 2 rooms short to be up-to-code. Therefore, the construction of 2 additional kindergarten rooms has been added to the required upgrades.

Ft. Wainwright -Chena & Birch Elementary Schools
(#8 & #10, respectively, on Priority List)

$8.9 million (provided by DOD) plus $3.3 million provided by Federal Government for on-going construction. School to open 8/93.

Status of Schools Transference (continued)
(those completed are in bold)

Ft. Greely - Mt. Hayes Elementary: *Note: this school was not listed on the revised priority list (it was #7 on initial list).

$1,877,526.00 required to bring up-to-code

According to 11/6/92 letter from Sue Miller, school transferred to school district in July, 1992.

Kodiak Island - Peterson Elementary *Note: this school was not listed on the revised priority list (it was #4 on initial list):

$3,740,690.00 to bring up-to-code

According to phone conversation with Laurel Cornish (see summary, dated 2/8/93), USDOE has divested ownership of the school to the district. Monies are being forwarded to the district for required rennovations on an "as required" basis.

*Per Ms. Cornish @ USDOE (on 2/8/93), no progress has been made to start the transference process for the next school on the priority list. I asked who should be the one to start the process. She said either could but if no funds were available, it would do no good for the school district to start. I asked if the USDOE has made any moves to continue with the next school in line - she said no.

Jan Catton

ATTACHMENT 10

POINT PAPER

SCHOOLS ON MILITARY INSTALLATIONS

- Alaska has 52 school districts located throughout the state, serving over 105,000 students. 31,000 are federally connected, while over 14,000 are military connected.

- 17 schools were on military installations operated by USDOE. 15 of these provided elementary (K-6) education, while 2 provided Jr/High School education. Adak schools are closing due to mission changes, bringing the total number of schools to 15. While 2 were immediately repaired and transferred, bringing the total number to 13.

- The buildings are owned by the USDOE and are maintained by the local school districts.

- School curriculum is established through the state and administered by the local school district.

- An agreement was reached in 1990 by all of these distinct parties that established the requirements for transfer of the schools to the local school districts.

- Prior to the transfer, each school was reviewed to establish the required upgrades necessary before the state/local district would except ownership. See attachment 1.

Problem

- Lack of Federal-USDOE construction money, to allow transfer prerequisites to be accomplished. Approximately $40 million.

- The state wants to hold the pressure on the Federal government to pay for past maintenance and expansion projects.

- Progress in being made.
  -- Increased awareness of the situation.
    ---State created a task force to review issues (attachment 2).
    ---State Sen Leman, Reps Martin, Mulder and James have been very active and procured money for our schools from several different sources.
      ----Sen Leman obtained $250K for a roof for Mt Spurr from his discretionary funds.
      ----Rep James sponsored a bill that resulted in $600K for prep work for new schools at Eielson AFB.
      ----Rep Mulder sponsored a bill for additional funds for Mt Spurr roof that resulted in $385K.
    ---Military Delegate to Anchorage School Board
      ----Resolution for military schools

----Anch School Board asked the military delegate to be a member of the 25-person committee to select the new superintendent.
----Established a joint task force to review all seven military schools in the Anch School District for structural safety and life safety code compliance

- Future Requirements
  -- Funds
     ---Continue pressure on USDOE to expedite funding to transfer schools (the whole process starts with them).
     ---Encourage the State to "match funds" regardless of the source.
  -- Establish a Washington, DC, based Task Force to tackle this problem with our military schools.

- Summary
  -- We have been able to increase the awareness at the state and local levels, but it is unclear at the federal level. Because the USDOE is so vital to the transfer process, we must lead the way and take the fight to them.

Capt Porter/CCEP/2-3210/sjm/18 Aug 93

ATTACHMENT 11

STATE OF ALASKA

STEVE COWPER, GOVERNOR

DEPARTMENT OF EDUCATION

OFFICE OF THE COMMISSIONER

GOLDBELT PLACE
801 WEST 10TH STREET
P.O. BOX F
JUNEAU, ALASKA 99811-0500

August 28, 1990

Carl LaMarr, Acting Superintendent
Anchorage Schools
4600 DeBarr Road
P.O. Box 196614
Anchorage, Alaska 99503

Dear Mr. LaMarr:

This is in regard to the transfer of the on-base schools in your district to the State of Alaska.

On June 22, 1990, a meeting was held at Elemendorf Air Force Base to discuss the transfer of the on-base schools in Alaska. In attendance were representatives from the US Department of Education, the Department of Defense, the State of Alaska, congressional staff, the State Board of Education, state senators and representatives, military commanders and staff and school superintendents.

During this meeting it was agreed that once they are brought up to code, the school facilities located on the military bases in Alaska would be transferred to the State. The State would then issue title or a use permit to the school districts within whose jurisdiction the facilities are located. The transfer would be for buildings and equipment only, with a long term lease executed for the property by the appropriate federal agency. Although the specific details have not yet been worked out, it is foreseen that the State will accept responsibility for the facilities simultaneously with the federal government viding the funds necessary for renovation or replacement on a school by school basis.

The Department was directed to work with the school districts to develop a priority list for the needed repairs to these facilities. (enclosed)

05:E1LM

Please submit to DOE a letter acknowledging receipt of this information and your concurrence at your earliest possible convenience.

If you have any questions or need further information, please do not hesitate to contact me.

Sincerely,

Steve Hole
Deputy Commissioner

cc: Governor Steve Cowper

Lieutenant General Thomas McInerney, ALCOM/CC

Dr. Hector Nevarez, Director, Dependents Support Policy, DOD

Richard Kinnear, Director, Western Region, OSD
Office of Economic Adjustment, DOD

Laurel Cornish, Chief, School Facilities Branch
Office of Impact Aid, U.S. DOE

Taylor Elementary
Eielson Air Force Base

Existing roof leaks badly in many areas wit ge to ceilings and wal's throughout the facility. Code violations in replacing classroom doors with U.L. rated doors/frames; repair or replace leaking roof; modify entries and doors for handicap access. Three portables attached to the existing building are in violation of UBC and have outlived their useful life. The building's envelope needs to be renovated.

Pennel Elementary
Eielson Air Force Base

Replace the fire alarm system and classroom room doors with U.L. listed Doors/Frames. Modify entries, doors, stairways and install panic hardware for handicapped access. The portables should be removed as they have outlived their useful life. The entire facility is either above or below grade and can not be used for grades K-2.

Ursa Major Elementary School
Fort Richardson Army Post

The roof needs to be replaced and handicap modifications should be made to the facility. The wood gym floor is dried out and shrinking and ceiling tile is water damaged and should be replaced. Corridor , custodial/storage and mechanical room doors should be replaced with fire rated doors/frames; fire alarm system does not meet current codes; site drainage is a problem at breakup; provide handicap access.

Peterson Elementary
U.S. Coast Guard Support Center

Numerous code violations need to be addressed. Among these are: Existing ventilation system is not used due to excessive noise; Handicap accessibility needs to be installed; fire rated walls and doors need to be installed; roof needs overflow drains; existing heat and temperature control systems do not work properly and there is inadequate site drainage.

Aurora Elementary
Elmendorf Air Force Base

Code violations at this facility that need to be corrected include: Fire/Security Alarm intertie; repairs to the electrical system including replacement of the main electrical services and classroom lighting. A library addition is needed to meet program requirements.

Ben Eielson Jr/Sr High School
Eielson Air Force Base

Replace portables that have come to the end of their useful life; replace classroom and exterior doors with U.L. rated Doors/Frames; the roof should be replaced or repaired in order to prevent further interior damage; install panic hardware for handicap access; replace heat pumps, upgrade heating system and replace hot water heater.

Ft. Greely School
Fort Greely

Replace corridor return air system, heating system requires extensive upgrade or replacement, equipment is worn out, damaged and lacking proper controls. The entire hot water heating system requires rebalancing; the roof needs extensive repair or replacement.

Ursa Minor
Fort Richardson Army Post

Built up roof condition varies from poor to fair and should be replaced. Suspended ceilings are not laterally braced. The fire alarm system does not meet current codes. There are numerous code violations.

Orion Elementary
Elmendorf Air Force Base

Identified code violations that should be addressed include a Fire/Security Intertie, Handicap modifications and replacement of the roof on the Rigel portion of the facility. A new Multipurpose Room/Stage should be added to meet program requirements.

Chena Elementary
Ft. Wainwright

Classroom doors should be replaced with U.L. rated Doors/Frames; Structural modifications need to made to roof supports and roof leaks need to be corrected. Entries and doors should be handicap accessible and panic hardware should be installed. The library should be enlarged.

Mt. Illiamna Elementary School
Elmendorf Air Force Base

Replace roof; install overflow roof drains; Fire/Security Intertie; complete boiler and H/V Upgrade; Install/replace corridor lighting. One major crack in the building could be a structural problem and should be reviewed.

Birch Elementary School
Fort Wainwright

Replace classroom doors with U.L. rated Doors/Frames; replace heat pumps and upgrade radiant heating system; replace electrical systems which are 25 to 30 years old; modify doors and install panic hardware for handicap access.

Anderson Elementary School
Eielson Air Force Base

Replace classroom doors with U.L. rated Doors/Frames; upgrade corridor ceilings and storage areas to one hour ratings; modify entries, doors and install panic hardware for handicap access; repair/replace leaking roof.

John F. Kennedy Elementary School
Fort Richardson Army Post

Severe blistering of the roof membrane should be addressed with a complete reroofing; provide handicap access to the building; fire alarm system does not meet current codes nor does most of the electrical system; site drainage is a problem during breakup

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Mt. Sourr Elementary School
Elmendorf Air Force Base

The roof condition is poor to fair with leaks noticed throughout the facility. The roof should be replaced. Existing corridor, custodial/storage and mechanical room doors should be replaced with properly rated doors. The kindergarten space should be expanded and a new multipurpose room should be built.

Bob Reeve High School
Adak Naval Air Station

Relocatable classrooms need to be brought up to code including roofing and energy modification. The buildings need to be made handicap accessible and the asbestos must be removed.

Ann C. Stevens Elementary
Adak Naval Air Station

This is a fairly new facility. There are some code violations that need to be met and some repair work to the fascia. The drain areas outside of the windows need to be repaired and the drainage problems in the parking lot should be addressed.

ATTACHMENT 12

ANCHORAGE
SCHOOL DISTRICT

4600 DeBarr Avenue
P.O. Box 196614
Anchorage, Alaska 99519-6614
AREA CODE [907] 333-9561

September 27, 1990

Mr. Steve Hole
Deputy Commissioner
Department of Education
State of Alaska
P. O. Box F
Juneau, Alaska 99811-0500

Dear Mr. Hole:

The purpose of this letter is to acknowledge the receipt of the information contained in your August 28, 1990 correspondence concerning the transfer of on-base schools to the State of Alaska.

The priority list for needed repairs that was enclosed has been revised by our District and outlines the currently required scope of work that is necessary to be accomplished at each of the elementary schools located on Elmendorf Air Force Base and Fort Richardson Military Reservation (enclosures).

The Anchorage School District encourages an expedited process to obtain funding for the greatly needed repairs to the educational facilities here in the Anchorage area. You have our assurance that we will cooperate to the fullest extent so that these facilities can be brought up to acceptable conditions for ultimate transfer of responsibility and title to the State of Alaska.

Sincerely,

Guy G. Bellville
Chief Financial Officer

cl
Enclosure
cc Carl L. LaMarr, Interim Superintendent
bcc Christal, Comeau, Barton, Cragen, Mensendick, Vest, Jones, Seabrook, Weil

ON-BASE SCHOOLS PRIORITY LIST

URSA MAJOR ELEMENTARY SCHOOL
FORT RICHARDSON ARMY POST

The roof needs to be replaced and handicap modifications should be made to the facility. The wood gym floor is dried out and shrinking and ceiling tile is water damaged and should be replaced. Corridor, custodial/storage and mechanical room doors should be replaced with fire rated doors/frames; fire alarm system does not meet current codes; site drainage is a problem at breakup; provide handicap access. Interior and exterior painting. Replace ceiling tile in multipurpose room and gymnasium. Elevator is required.

AURORA ELEMENTARY SCHOOL
ELMENDORF AIR FORCE BASE

Code violations at this facility that need to be corrected include: Fire/Security Alarm intertie; repairs to the electrical system including replacement of the main electrical services and classroom lighting. A library addition is needed to meet program requirements. The roof needs to be replaced (leaks both kindergarten rooms). Ceiling tiles need to be replaced. Heating system needs to be renovated. Kitchen area needs to be enlarged. Carpet building (one wing has already been carpeted). A gymnasium and multipurpose room addition is required. Mylar needs to be placed on windows.

URSA MINOR ELEMENTARY SCHOOL
FORT RICHARDSON ARMY POST

Built up roof condition varies from poor to fair and should be replaced. Suspended ceilings are not laterally braced. The fire alarm system does not meet current codes. There are numerous code violations. Suspended ceilings should be repaired/replaced where applicable. Glass and window frames should be repaired to stop leaks and deterioration. Replacement of carpet. Heating and plumbing systems need to be renovated. Asphalt needs to be replaced on playground area. Gymnasium and Library needs to be enlarged.

ORION ELEMENTARY SCHOOL
ELMENDORF AIR FORCE BASE

Identified code violations that should be addressed include a Fire/Security intertie; Handicap modifications and replacement of the roof on the Rigel portion of the facility. A new Multipurpose Room/Stage should be added to meet program requirements. A complete new roof is needed. Ceiling tile needs to be replaced throughout the school. Heating and plumbing systems need renovation. Bathrooms need renovation. Office area need to be enlarged and window installed. Parking area needs to be enlarged. Clock and bell system needs upgraded.

MT. ILIAMNA ELEMENTARY SCHOOL
ELMENDORF AIR FORCE BASE

Replace roof; install overflow roof drains; Fire/Security intertie; complete boiler and H/V Upgrade; install/replace corridor lighting. One major crack in the building could be structural problem and should be reviewed. Parking lot enlargement and playground renovation. Exterior painting of school.

JOHN F. KENNEDY ELEMENTARY SCHOOL
FORT RICHARDSON ARMY POST

Severe blistering of the roof membrane should be addressed with a complete reroofing; provide handicap access to the building; fire alarm system does not meet current codes nor does most of the electrical system; site drainage is a problem during breakup. Recarpeting entire school. Mini-blinds need to be installed. New lighting in the multipurpose room. Library needs expansion. A new boiler/furnace needs to be installed. New exterior doors.

MT. SPURR ELEMENTARY SCHOOL
ELMENDORF AIR FORCE BASE

The roof condition is poor to fair with leaks noticed throughout the facility. The roof should be replaced. Existing corridor, custodial/storage and mechanical room doors should be replaced with properly rated doors. The kindergarten space should be expanded and a new gym room should be built. Recarpeting of the entire school. Upgrade heating/ventilation system. Remodel bathrooms. Replace floor in multipurpose room and new tables. Levelors need to be installed.