

ANCHORAGE SCHOOL DISTRICT
ANCHORAGE, ALASKA

ASD MEMORANDUM #6 (2001-2002)

August 13, 2001

TO: SCHOOL BOARD

FROM: OFFICE OF THE SUPERINTENDENT

SUBJECT: ALASKA DEPARTMENT OF EDUCATION AND EARLY
DEVELOPMENT FY2003 GRANT APPLICATIONS

RECOMMENDATION:

It is the Administration's recommendation that the School Board approve and authorize the Superintendent to submit the following projects to the State of Alaska, Department of Education and Early Development (DEED) by September 4, 2001, for the FY2003 Capital Improvement Project grants program.

Bartlett High School Phases 2 & 3	\$47,500,000
Chester Valley Elementary School	\$9,650,000
Chugiak High School Phase 4	\$9,860,000
Districtwide Major Maintenance	\$26,540,000
Electrical Projects	\$1,235,000
Hazardous Materials/ADA/Code Issues	\$1,615,000
Mechanical Upgrades	\$14,500,000
Minor Building Renewal Projects	\$6,205,000
Roof Replacement and Repairs	\$1,860,000
Traffic Safety Upgrades	\$1,125,000
East High School Phases 2 & 3, 4 & 5	\$29,525,000
Elementary and Secondary School Planning	\$450,000
King Career Center Code Renovation	\$7,300,000
Polaris K-12 Addition/Renovation, Phase 1	\$3,600,000
Public Water and Sewer Service for Birchwood & Girdwood Elementary Schools and Chugiak High School	\$5,300,000
Service High School Phase 2a, 2b & 3	\$44,995,000
Wendler MS Building Renovations Phase 2	\$18,800,000
TOTAL	<u>\$203,520,000</u>

PERTINENT FACTS:

The District has not received capital funding through the DEED School Construction or Major Maintenance Grant Program in many years. However, there are three reasons that the District needs to submit applications for currently defined projects:

1. DEED is charged with informing the legislature of educational facility requirements across the state. If Anchorage does not report its current needs to DEED, there will be an incomplete picture of facility requirements statewide.
2. The legislature has funded a large number of major maintenance projects and some capital projects from the DEED priority lists. By submitting its current major maintenance requirements to DEED, the District preserves its place in the statewide major maintenance grants funding list.
3. There has been discussion in Juneau of the possible issuance of a state general obligation bond for capital projects, including educational facilities. Educational projects to be included in this possible bond proposition will most likely come from the DEED grant priority list.

The District needs to submit a substantial number of FY03 grant projects to maximize its funding potential as well as to illustrate Anchorage's facility needs. The projects listed above incorporate the currently identified facility requirements that have adequate definition to allow for a grant application.

CC/GV/RA/RB/sl

Attachment

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Approved by: George Vakalis, Assistant Superintendent Support Services

PROJECT DESCRIPTIONS - CAPITAL PROJECTS

Bartlett High School Renovation

Phased funding will bring the school up to current District Educational Specifications by establishing Core Academic Areas supported by major educational components. Built in the early 1970's as a junior and senior high school each with separate entries, this project will unite the school by re-directing the Main Entry into the school's heart, "Main Place."

Phase 2 Modify the Administration Area and "Main Place."
Upgrade central core mechanical and electrical systems for expansion to future phases.
Replace the Little Theater with a 600-seat Theater.
Provide new Science Labs and Core Academic Classrooms in the central area.
Provide emergency generator.

Phase 3 Provide new Core Academic Classrooms in the east and west wings, extending mechanical and electrical systems.
Add ADA elevator to east wing.
Upgrade Intensive Needs area, adding new accessible west Entry.
Upgrade east and west Cafeterias.

Chester Valley Elementary School Renovation and Addition

Chester Valley Elementary School was originally constructed in 1964, with additions for classrooms and a multipurpose room in 1967, has not had any programmatic improvements since then. This project will provide for the renewal of this 35-year old school. Additions are incorporated for a gymnasium along with a small addition to support a new entry and the move of the administrative space to the front of this school.

Programmatic improvement supported by the District's Educational Specifications include providing classrooms sized and equipped for kindergarten, improvements to existing classrooms for storage and communications, spaces specific to art and music curriculum, spaces to support school specialists and the special education program, and a gym in addition to a

multipurpose room. Other interior improvements will be made to the administration and support areas, student nutrition spaces and the storage and receiving areas. Building systems will be renovated or replaced to meet current code requirements. Hazardous materials will be abated and a fire sprinkler system will be provided.

Exterior improvements will include additional parking and landscaping to meet MOA parking requirements plus some playground, field and overall site improvements.

Chugiak High School Renovation

Funding for the first three phases of work at Chugiak High School is in place and work is underway. This final phase will complete the currently planned renovation of the school.

Phase 4 Reconstruct existing southwest classrooms and construct new House 4. Create performing arts classrooms in space formerly occupied by the small gym. Complete all remaining site work, including new sports fields.

Districtwide Electrical Upgrades

Airport Heights Elementary: Install new library lighting.

Chinook Elementary: Fire alarm system replacement.

Clark Middle: Install new lighting in second floor classrooms and hallway.

Ravenwood Elementary: Provide additional parking lot lighting.

Ursa Major Elementary: Install outside lights at gym.

27 Locations: Switches, routers, patch cables, and racks needed to serve 1998 bond projects and secondary school computer upgrades.

Districtwide Hazardous Materials/ADA/Code Issues

<u>Districtwide:</u>	ADA Accessibility upgrades and audit. Asbestos-Containing Fire Doors Phase 1. Asbestos Flooring testing and abatement. Asbestos Thermal System insulation abatement. Testing and Hazardous materials abatement Phase 2. Underground duct abatement/encapsulation. Utilidor abatement Phase 2.
<u>Service High:</u>	Miscellaneous Hazardous materials abatement.
<u>Tudor Elementary:</u>	Miscellaneous Hazardous materials abatement.
<u>Turnagain Elementary:</u>	Miscellaneous Hazardous materials abatement.

Districtwide Mechanical Upgrades

<u>Abbott Loop Elementary:</u>	Mechanical system upgrade Phase II.
<u>Airport Heights Elementary:</u>	Controls upgrade.
<u>Bartlett High School:</u>	Replace Cleaver Brooks Boilers.
<u>Bayshore Elementary:</u>	Mechanical system upgrade.
<u>Benny Benson School:</u>	Controls upgrade and re-plumb boiler room.
<u>Birchwood Elementary:</u>	Controls upgrade and re-plumb boiler room.
<u>Campbell Elementary:</u>	Controls upgrade.

<u>Central Middle:</u>	Replace hot and cold water system throughout the building.
<u>Chester Valley Elementary:</u>	Upgrade office ventilation.
<u>Chinook Elementary:</u>	HVAC upgrade 3 pods within Admin area.
<u>Chugach Optional:</u>	Replace boilers, expand boiler room, and replace hot water heaters.
<u>Chugiak Elementary:</u>	Controls upgrade and repair utilidor to prevent freezing.
<u>Clark Middle:</u>	HVAC upgrade for entire school.
<u>College Gate Elementary:</u>	Replace boilers and direct-fired furnace at gym.
<u>Eagle River Elementary:</u>	Mechanical upgrade.
<u>Homestead Elementary:</u>	Replace hot water heater.
<u>Huffman Elementary:</u>	Controls upgrade.
<u>North Star Elementary:</u>	HVAC upgrade original building.
<u>Ptarmigan Elementary:</u>	Upgrade boilers, expand boiler room, reuse two boilers and add one boiler.
<u>Romig Middle:</u>	Controls upgrade.
<u>Sand Lake Elementary:</u>	Faculty restroom. HVAC upgrades convert to cab unit ventilators and increase boiler capacity.
<u>SAVE I Secondary:</u>	Controls upgrade.
<u>Steller Secondary:</u>	Controls upgrade.
<u>Turnagain Elementary:</u>	Re-plumb boiler system primary/secondary.

Ursa Major Elementary: Convert from steam to natural gas, including two boilers and boiler room.

Ursa Minor Elementary: Install ventilation for computer distribution room.

West High: Three sets of restrooms, from timers to sensor flushing, upgrade interior finishes; replace domestic hot water tanks with plate heat exchanger for showers and old pool locker rooms, and new shower fixtures.

Districtwide Minor Building Renewal

Alpenglow Elementary: Upgrade roof drain to 8" pipe and insulate sidewalk to prevent freezing.

Bartlett, Chugiak and East High, and Clark: Emergency phones including dedicated phone line to meet elevator code.

Birchwood Elementary: Replace windows and reframe exterior wall with infill; corridors, repair wainscot paneling, install backer at bottom of sheetrock and new cove base.

Chester Valley Elementary: Replace ceiling tile and lights, and convert north hallways from Vinyl Asbestos Tile (VAT) to Vinyl Composition Tile (VCT).

Chugach Optional: North side of site, grading, storm drain to avoid icing.

Chugiak Elementary: Carpet replacement.

Girdwood: Replace 11,000 square feet of sheet vinyl in hallway, carpet 11,000 square feet in eight classrooms/library, upgrade site improvement – drainage entry and play field.

Districtwide; Hanshew: Elevator emergency call stations upgrade.

<u>Gruening Middle School:</u>	Replace 75,000 square feet of classroom carpet.
<u>Homestead Elementary:</u>	Multi-purpose room acoustic wall treatment.
<u>Mt. View Elementary:</u>	Replace drainage system at the parking lot on the east side. Install 30,000 square feet of new carpet in office and classrooms.
<u>O'Malley Elementary:</u>	Roof drains, site storm drains to daylight insulate flatwork to protect utilities at north sidewalk, gym exit.
<u>Ptarmigan Elementary:</u>	Replace lunchroom tables, 10 pocket units with two double tables per pocket.
<u>Tudor Elementary:</u>	South Side, install new storm drain insulation and connect to storm drain.
<u>Willow Crest Elementary:</u>	Replace carpet.

Districtwide Roof Replacement and Repairs

<u>Chinook Elementary:</u>	Kindergarten, install taped insulation, new EPDM and reuse light guard.
<u>Chugiak High:</u>	Install new wear surface under EPDM membrane and reseal membrane over Library, Admin., and Senior Hall.
<u>Eagle River Elementary:</u>	Install structural upgrades and sloping roof insulation.
<u>Homestead Elementary:</u>	Repair skylights and re-flash.
<u>North Star Elementary:</u>	Repair multiple leaks at building transitions, reinforce boiler room trusses, re-insulate and seal cafeteria roof fascia.

Sand Lake Elementary: Original School, repair exposed EPDM membrane, new insulation and new parapets.

West High: Shared library, repair Clerestory.

Districtwide Traffic Safety Improvements

Chinook Elementary: Construct separate bus loading loop, improve site drainage.

Northern Lights ABC: Construct a parent drop zone on the west side of Laurel, coordinate with MOA Public Works.

Ptarmigan Elementary: Install an asphalt-walking path from parking lot to Edwards Street pedestrian gate.

Romig Middle: Upgrade bus-loading area on west side of building with sidewalk, curbs, and lights.

East High School Renovation

Funding will bring the school up to current Districtwide High School Educational Specifications by establishing academic areas supported by major educational components.

Phases 2 & 3 Construct Academic Area II for 400 students, and a new 600-seat auditorium/theater.

Upgrade other performing arts classrooms, life skills and home economic classrooms.

Create permanent location for the library (IMC), new northwest student entrance, and miscellaneous site work.

Phases 4 & 5 Remodel Fine Arts Area and academic areas III.

Complete parking lots upgrades.

Develop new athletic fields/areas and miscellaneous sitework.

Elementary and Secondary School Planning

Planning and preliminary design funding for improvements at Whaley Center, Clark Middle School and Airport Heights, Bayshore and Abbott Loop Elementary schools.

King Career Center Code Renovations

This facility has serious fire safety issues, which came to light as a result of installation of new ceiling assemblies to abate the asbestos-containing tile. This abatement project was necessary to allow installation of electrical and data in support of computers. MOA Building Safety allowed building permits for these projects to proceed with the understanding that the District would seek funding to perform a building and fire safety code analysis to determine the extent and relative severity of the code defects.

Additionally, this facility supports multiple programs, which are on track to receive multiple year funding for updated equipment at approximately \$500,000/year. These grants do not allow use of these funds to install infrastructure required to support the equipment (e.g., electrical, mechanical, foundations). This study would plan for the proper installation for this equipment.

Polaris K-12 Addition and Renovation Phase 1

Educational Specification information completed in the fall of 2001, will be utilized to provide a master plan for improvements at Polaris K-12 School. Additionally, construction of Phase 1 improvements to include a gym will be provided with this funding.

Public Water/Sewer Service for Birchwood and Girdwood Elementary Schools and Chugiak High School

Chugiak High School and Birchwood Elementary School sewer services are currently provided by septic systems. This project would connect these facilities to public services being installed by AWWU via lift stations and buried arctic pipe. A portion of the main construction cost would be funded by this project.

Girdwood School water system is currently provided by a well which is under the influence of surface water and highly susceptible to contamination in accordance with ADEC. This project funds a portion of the main to the property line and would install the lateral service to the building and construct a sprinkler tree for future fire sprinkler system.

Service High School Renovation

Phased funding is providing the highest priority needs for this high school. Phase 1 is underway, and Phases 2 and 3 will complete the major renovation of the classroom areas.

Phase 2a Renovations and additions of the two-story West classroom wing.
Upgrade the boiler plant and electrical systems.
Install fire sprinklers.
Continue sitework improvements.

Phase 2b Addition to and renovations of the two-story East classroom wing.
Continue site work improvements.

Phase 3 Demolish the Administration wing (Area A) and reconstruct Administration in Area C.
Move the library (IMC) to its new location in Area A.
Continue site work improvements.

Wendler Middle School Building Renovations Phase 2

Building renovation funding for this school built in 1959 will provide for improved program spaces to support the middle school delivery system in the core academic areas, special education, technology education, family and consumer science areas, performing and visual arts and physical education. Six science classrooms will be provided with updated facilities to meet current curriculum needs. Administration area improvements support additional needs for the school staff. The existing multipurpose room will be reconfigured as a cafetorium with an adjacent performance platform plus a relocated kitchen. A new entry is provided between the cafetorium and the gymnasium. It will allow for direct access to these large group spaces by the public without having to travel down school corridors for access.

Building systems will be upgraded or replaced depending upon their remaining useful life. These involve mechanical upgrades for increased ventilation,

plumbing revisions, electrical power, lighting and communication increases to support the District's technology plan. A fire sprinkler system will also be provided.