

ANCHORAGE SCHOOL DISTRICT  
ANCHORAGE, ALASKA

ASD MEMORANDUM #14 (2005-2006)

August 22, 2005

TO: SCHOOL BOARD

FROM: OFFICE OF THE SUPERINTENDENT

SUBJECT: ALASKA DEPARTMENT OF EDUCATION AND EARLY  
DEVELOPMENT FY2007 GRANT APPLICATIONS

ASD GOAL: *Establish and maintain a supportive and effective learning environment  
by providing safe, caring, barrier-free schools.*

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 (EED) by September 1, 2005, for the FY2007 Capital Improvement Project grants program.

Bartlett High School Phase 3A Construction and Phase 3B-1 Design	\$13,000,000
Chester Valley Elementary School Renovation	\$12,100,000
Chugiak High School Phase 4 Construction	\$8,500,000
Clark Middle School Renovation	\$51,000,000
Dimond High School Gym/Pool Renewal	\$4,000,000
Districtwide Major Maintenance	
Districtwide Code/Hazmat/Sprinkler/ADA Projects	\$4,235,000
Districtwide Electrical Projects	\$2,335,000
Districtwide General Building Renewal Projects	\$4,610,000
Districtwide Mechanical Projects	\$9,145,000
Districtwide Roof Replacement and Repairs	\$3,810,000
Districtwide Security System Upgrades	\$9,467,000
Districtwide Traffic Safety Upgrades	\$1,850,000
Districtwide Major Maintenance Total	\$35,452,000
East High School Phase 4B-1 Construction and Phase 4B-2 Design	\$8,000,000
Inlet View Elementary School Renovation	\$8,200,000
Rabbit Creek Elementary School Design	\$1,200,000

Romig Middle School Design	\$1,300,000
Sand Lake Elementary School Renovation	\$11,500,000
Service High School Phase 3 Const and Phase 4 Design	\$11,000,000
Turnagain Elementary School Renovation	\$12,900,000
West High School Design	\$1,100,000
Whaley School Design	<u>\$500,000</u>
	\$179,752,000

PERTINENT FACTS:

The District has received limited capital funding through the EED School Construction or Major Maintenance Grant Program in the past several years. However, there are three reasons that the District needs to continue to submit applications for currently defined projects:

1. EED is charged with informing the legislature of educational facility requirements across the state. If Anchorage does not report its current needs to EED, 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 EED priority lists. By submitting its current major maintenance requirements to EED, the District preserves its place in the statewide major maintenance grants funding list. For example, the grant application for Wendler Middle School placed this project as the number one priority on the 2003 statewide major maintenance grant funding list, and it was funded at the \$12.8 million level.
3. The Debt Reimbursement amounts authorized by the Legislature during the last session were based on the approved EED grant list. By submitting these grants, the District will be in a better position to be included in any state funding mechanism during the coming legislative session.

The projects listed above incorporate the currently identified facility requirements that have adequate definition to allow for a grant application and that meet EED eligibility requirements.

A brief description of each project is provided in Attachment A. These descriptions give a basic scope for each project. Within that scope there may be updated or better-refined budget estimates available prior to actual submittal of

the grant applications. If this occurs, there may be adjustments to the budget amounts listed in this memorandum.

CC/GV/RA/RB/jg

Attachment

Prepared by: Rick Barrier, Project Support Manager  
Ray Amsden, Director Facilities

Approved by: George Vakalis, Assistant Superintendent Support Services

## **PROJECT DESCRIPTIONS**

### Bartlett High School Phase 3A and Phase 3B-1

Built in the early 70's as a junior and senior high school each with separate entries, this phased project will unite the school by re-directing the Main Entry into the school's heart, "Main Place," and providing flexibility to accommodate smaller learning communities. Phased funding over time will bring the school up to current District High School Educational Specifications by establishing Core Academic Areas supported by major educational components.

Phase 3A will provide for renovation of the core academic classrooms in the west wing and Intensive Needs area.

Phase 3B-1 will renovate one half of the Core Academic Classrooms in the east wing, including support areas.

### Chester Valley Elementary School Renovation

Chester Valley Elementary School was originally constructed in 1964, with additions for classrooms and a multipurpose room in 1967, and 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 an art room 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, and spaces to support school specialists and the special education program. 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 Municipality of Anchorage (MOA) parking requirements, separations between buses and cars, plus some playground, field and overall site improvements.

## Chugiak High School Phase 4

Prior capital projects at Chugiak High School have provided for renovation of the classrooms in Family Consumer Science, Art, Technology, Science, House 2, and House 3, as well as constructing a new gymnasium, cafeteria, and kitchen. Phase 4 will complete the renovations at this school, except for site improvements. The work in this phase includes minor renovations to House 1 and major classroom renovations to House 4.

## Clark Middle School Renovation

Clark Middle School was the first junior high built in Anchorage, in 1959. It has seen substantial use during its 45-year life. Many of the building systems components are wearing out and need replacement. Infrastructure improvements to the mechanical, electrical, communications and fire suppression systems are needed to meet updated program, facility, and code requirements. With the program changes in recent years, including Title One and Special Education programs at this school, there is also the need to reconfigure and add some additional classroom and support spaces to the school.

## Dimond High School Gym/Pool Renewal

With the overcrowding and use of relocatables at Dimond High, using the small gym for teaching stations is an important part of maintaining a quality educational environment. To continue to use this space for student occupancy requires major code upgrades, particularly in exiting. Areas such as restrooms and various systems, including the roof and exterior siding, all have serious issues that need immediate attention.

## Districtwide Code/ Hazmat/Sprinkler/ADA

Alpenglow	Replace FCI Fire Alarm System
Chugiak Elem	Replace sidewalk - trip hazard
College Gate	Remove & Replace Vinyl Asbestos Tile
Eagle River	Replace FCI Fire Alarm System
Huffman	Code Upgrade - Fire Pump, Emergency Lights & Generator Replacement
Klatt	Replace sidewalk - trip hazard Replace Carpet following removal of Vinyl Asbestos Tile
Mears	
Multi Schools	Fire Alarm. Replace unreliable analog FA systems with new code compliant digital systems

North Star	Replace FCI Fire Alarm System
O'Malley	Replace FCI Fire Alarm System
Ursa Major	Replace FCI Fire Alarm System

Districtwide Electrical Upgrades

Alpenglow	Replace Bogen intercom System
Campbell	P/A System w/ Speakers and ADA Repeaters in MPR
College Gate	Lighting MPR
East HS	Replace MDP @ Pool/Gym Bldg
Gladys Wood	PA Gym and MPR
Goldenview	Intercom/Bell/Clock
Goldenview	New power distribution panels in support of computer / technology system
Huffman	Hallway Ceiling and Lighting Replacement
Lake Otis	Replace Electrical Distribution Panel
Mears	Bleachers: motors and controls failing
North Star	Kitchen panels Upgrade
North Star	Replace Intercom system and wiring.
Ptarmigan	Replace Panel @ janitors room by Office
Romig	Kitchen panels Upgrade
Romig	Lights locker room
Service	Bleachers: motors and controls failing
Turnagain	Sewer heat tape
West	Bleachers: Motors and controls failed
Wonder Park	Electrical Upgrades

Districtwide General Building Renewal

Aquarian	Rebuild two sets of Restrooms
Aquarian	Replace concrete stairs w/Steel Stairs
Bayshore	Site Drainage
Bear Valley	Replace Entry floor system at 4 main doors
Bear Valley	Replace Carpet
Fire Lake	Carpet replacement
Girdwood	Convert Community Library to classroom
Mears	Resurface indoor track @gym
Mears	Rebuild Track, fields, paved play areas, Fire Lane and E parking lot
O'Malley	Replace Gym floor
Ravenwood	Carpet Replacement

Scenic Park	Refinish Gym Siding to remove T & G
Susitna	Build new cabinets Rooms 1-20
Ursa Major	Replace MPR Floor
West	Replace scoreboard - Gym
West	Reinstall Lockers w/ Backing
Willow Crest	Replace carpet all classrooms
Willow Crest	Replace ceiling tiles

### Districtwide Mechanical Upgrades

Aurora	DDC upgrade
Bear Valley	Repair Air Intake at Gym
Bear Valley	Replace Boilers
Campbell	Replace Domestic HW heater& pumps
Campbell	Replace Galv Water piping
Campbell	Replace hydronic water piping
Central	HVAC/DDC upgrade
Chester Valley	HVAC/DDC upgrade
Eagle River	Replace Galv Water Pipe
Girdwood	HVAC/DDC upgrade
Gruening	Replace HWHs and pumps
Gruening	DDC upgrade
Hanshew	Replace VAV boxes
Huffman	Mechanical System Upgrades - Domestic Water System & Controls
Inlet View	HVAC/DDC upgrade
Inlet View	Repair leak on DW main
KCC	Replace heating water piping
Kennedy	DDC/TEC & boiler room DDC
Mears	Replace Hot Water Heater
Mirror Lake	Install Glycol HE on OSA coils
Mt Iliamna	Install 6 inch Domestic Water Service
Mt Iliamna	HVAC/DDC upgrade
Mt. View	Replace Heat Controls
Mt. View	Replace Hydronic Heat Piping
Ocean View	Mechanical Renewal - Faucets & Piping Replacement
O'Malley	Replace Galvanized Water Line
Orion	Replace fan unit
Taku	Repair Under-floor Sewer System
URSA Minor	DDC/TEC & boiler room DDC
West	Replace hydronic vic fittings
Willow Crest	Replace domestic water piping

### Districtwide Roof Upgrades

Abbott Loop	Reroof Building
Aurora	Install crickets on roof for drainage
Hanshew	Repair Roof- Design
Northwood	Repair Roof Drain @ NW Corner
O'Malley	Roof Replacement & Upgrade
Ptarmigan	Reroof Section C
Student	Reroof Building
Transportation	
Susitna	Reroof Section C
Warehouse	Roof Repair
West	Repair Lower IMC Roof
Wonder Park	Reroof Section I

### Districtwide Security Improvements

All High Schools	Phase 2 - Radio Repeater systems for Police, SRO, & Security Specialists
All High Schools	Security CCTV
All Middle Schools	Security CCTV
Elementary Schools	Security CCTV- Phase 1 (20 schools)
All Middle Schools	Radio Repeater systems for Police & Security Specialists
Multi Schools	Install motion-activated exterior lighting- Phase 1
Multi Schools	Security System. Replace unreliable zone security systems with GE Interlogic system
Whaley	Security and CCTV

### Districtwide Traffic Safety Improvements

Abbott Loop	Traffic Safety Upgrade Design
Bowman	Redesign and install new parking and Student Drop off areas
O'Malley	Traffic Safety - Replace frost- damaged drive, parking lot & sidewalks
Rogers Park	Traffic Safety Upgrades

## East High School Phase 4B

Funding will bring the school up to current Districtwide High School Educational Specifications by establishing academic areas supported by major educational components. Funding of the Phase 4A design was included in the 2003 Bond. Funding of the Phase 4A construction and Phase 4B-1 design was included in the November 2005 Bond. This grant request includes funding for construction of Phase 4B-1 and design of Phase 4B-2.

Phase 4B-1 Renovate one-half of the southwest (Benson Building) classroom wing.

Phase 4B-2 Renovate one half of the southwest (Benson Building) classroom wing.

## Inlet View Elementary School Renovation

Inlet View Elementary School was built in 1957, and is half the size of a standard elementary school (13 classrooms). The facility does not conform to current District Elementary School Educational Specifications. This project will add a small gymnasium; convert the existing gymnasium (which is served by a kitchen) into a multi-purpose room; reconfigure the administrative area; add a new computer lab; and make other improvements to bring the school closer to current Educational Specification standards.

In addition to facility improvements, site improvements will include improved student drop-off areas and additional staff parking.

## Rabbit Creek Elementary School Renewal

Rabbit Creek Elementary School was constructed in 1961, with several additions since that time. The planning effort to date has identified a number of deficiencies in both the programmatic and building systems elements of the facility. Un-met space requirements of the existing facility will require: larger kindergarten spaces; additional area for intensive needs and administration; and improved support, art activity, special education and music spaces. The existing facility also needs upgrades in the heating/ventilation systems and communication system; upgrade of the power and lighting in the facility; and a fire protection sprinkler system. Overall, this school needs a complete renewal to continue to meet the District's educational requirements.

### Romig Middle School Design

Romig Middle School was built in 1963 and has had two major additions, the latest in 1995, prior to the adoption of new Middle School Educational Specifications in 2000. The planning efforts to date indicate the need for extensive renovation of portions of the facility, including systems upgrading and programmatic enhancements.

### Sand Lake Elementary School Renovation

Sand Lake Elementary School was constructed in 1958. It currently houses the Japanese immersion program, which requires great volumes of student drop-off and pick-up. In addition to being over capacity, it has several building systems that need improvement, including mechanical, electrical, communications, and fire suppression.

This project will bring the school closer to District Elementary School Specifications, by adding approximately 2,900 square feet of art room and administrative support spaces. Upgrading of the building systems will create a better educational environment. Site work will accommodate better traffic flow at student drop-offs.

### Service High School Phase 3 and Phase 4

Funds in this grant will continue the project of bringing the school up to current Districtwide High School Educational Specifications by establishing academic areas supported by major educational components.

Phase 3: Renovate gym facilities and add new auxiliary gym.  
Boiler Addition.

Phase 4: Relocate Administration  
Relocate the library (IMC) to its new location  
Continue site work improvements

### Turnagain Elementary School Renovation

Turnagain Elementary School was constructed in 1956. Renovation will include improvements to both the classrooms and other program areas, along with improvements to building systems such as mechanical, electrical, and fire suppression. Additions and renovations will bring the school closer to District

Elementary School Educational Specification requirements. Site improvements, including traffic safety upgrades, are also included in this project.

### West High School Design

Originally built in 1953, West High School has had eight major additions, the latest being in 1997, all initiated prior to the adoption of new District-wide High School Educational Specifications in 1998. This project will renovate this school to bring it closer to the current educational specifications, and to address various systems and finishes which are in need of updating. This project will focus on those areas not impacted by prior additions and renovations.

### Whaley School Design

Whaley School was constructed in 1971, with a classroom and gym addition in 1991. This school serves students with special emotionally-disturbed behavioral needs in a facility that was originally designed for students with physical disabilities and developmental delays. Physical requirements needed to support the current educational program delivery vary markedly from the original configuration. Prior to the '04-'05 school year, Whaley School served grades K-12, when the primary classes were moved to Mt. Iliamna Elementary School. Through planning monies obtained in the 2002 bond proposition, program educational specifications have been developed. The District will develop a design for renovating the systems in the school, as needed, and making programmatic changes to reflect the updated educational specifications.