

**Attachment B: Board Memo #136 (2001-2002)**  
**Project Descriptions - Capital and Other Projects**

**King Career Center Code Renovations**

This facility has serious fire and life safety code violations, which came to light as a result of installation of new ceiling assemblies to abate the asbestos-containing ceiling 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. Schematic design and construction cost estimates have been completed.

Compounding the existing code violation issue is the fact that 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). During the process of correcting code violations, the District can plan ahead to assure adequate electrical, mechanical support structures for future equipment installation needs.

**Districtwide Sprinkler Upgrades**

A nationwide recall of sprinkler heads that are installed at 75% of the District's facilities occurred in the spring of 2001. Under the terms of the recall, the manufacturer will replace the defective sprinkler heads but will not be responsible for other costs associated with replacing the heads. The District will be responsible for re-inspection and re-certification of the replaced heads. The District must also fund the cost of replacing corroded piping that is discovered; installation of additional earthquake bracing to meet current codes; and installation of revised sprinkler water services and fire department connections as needed to meet current codes.

Sprinkler systems with the recalled heads that are over ten years in age have a failure rate of 70% to 80% and can not be relied on to safeguard the structures in which they are installed. Many of the facilities in the District suffer from this condition and it is critical that these be replaced and/or repaired as soon as possible.

**Public Sewer Service for Birchwood Elementary School 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 waste water services being installed by AWWU via lift stations and buried arctic force main pipe. A portion of the main line construction cost would be funded by this project.

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**Public Water Service Connection for Girdwood School**

The District has been informed by AWWU that it is strongly considering a water transmission line route to the proposed Girdwood reservoir that would pass directly adjacent to the Girdwood School site. The majority of the cost of this extension will be funded by AWWU, through Federal grants and their own funding. The District is being asked to fund only a small portion of the line extension cost as well as the cost of connecting from the water main to the school's water distribution system.

**Student Transportation**

The District currently has a fleet of 114 school buses. The District has established a maximum age of 12 years and a fleet average age of 8 years for buses owned and operated by our contractor. Next year thirty of the buses in the district fleet will not meet the maximum age required of the contractor.

The ten buses with the highest mileage will be replaced with these bond funds. The average mileage of the buses to be replaced is 154,665 miles and these buses are the most costly in the fleet to maintain. Newer buses have larger capacity (81 vs. 72 passenger). Newer buses are equipped with electronic fuel management systems & electronically controlled transmissions, which means that they are more fuel-efficient and produce less pollution than the older buses that they will replace. New buses are also equipped with air ride suspensions and air brakes, which help to reduce maintenance costs.

The District has had difficulty maintaining a regular replacement schedule over the years due to budget shortfalls and because the cost of buses was not fully reimbursed by the Department of Education and Early Development. School buses are now eligible for 100% reimbursement from the Department of Education and Early Development. The purchase price is reimbursed over a seven-year period.

**Bartlett High School Renovation**

**I. Funded**

**Phase 1**

1. Renovate IMC.
2. Provide Business and Visual Arts classrooms.
3. Modify east parking lot and east entry (Deferred to Phase 4).
4. Provide south parking lot and entry (Deferred to Phase 2).

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II. Unfunded

Phase 2A

1. Modify the Administration Area and “Main Place”.
2. Upgrade central core mechanical and electrical systems for expansion to future phases.
3. Replace the Little Theater with a 600-seat Theater, upgrade Performing Arts.
4. South parking lot adjacent to new main entry (Deferred from Phase 1)

Phase 2B

1. Provide new Science Labs and Core Academic Classrooms in the central area.
2. Provide emergency generator.

Phase 3

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

Phase 4

1. Modify west parking lot to realign lanes toward entry providing bus lanes, and upgrade athletic fields.
2. Upgrade Physical Education and Technology areas.
3. Modify east parking lot parking lot and east entry (Deferred from Phase 1).
4. Increase athletic field seating capacity.

III. Bartlett High School Phase Costs

1. Phase 1	\$5,000,000	Funded 2000 Bond
2. Phase 2	\$19,100,000	
3. Phase 3	**\$19,700,000	
4. Phase 4	**\$15,800,000	
	<u>\$59,600,000</u>	

\*\* Budgetary Estimates

**Chugiak High School Renovation**

I. Funded

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Phase 1

1. Renovate Family Consumer Science, Art, Technology and Science Classrooms.
2. HVAC, electrical and fire upgrades.
3. Classroom Renovation, House 2.
4. Provide additional parking.

Phase 2 & 3

1. Classroom Renovation, House 3.
2. New gymnasium, cafeteria and Kitchen.
3. Performing Arts Renovation (Deferred).
4. Sports fields upgrades (Deferred).
5. Address ADA access issues within school.

II. Unfunded

Phase 3 Deferred

1. Performing Arts Renovation.
2. Sports Fields.

Phase 4

1. House 4 – Classroom renovation.
2. House 1 – Minor Renovations.
3. Renovation Choir room to 2 classrooms
4. Re-key Building.
5. Paint exterior.
6. Building interior/exterior signage.
7. Complete metal panel replacement.
8. Minor renovations.
9. Fire alarm detector upgrades.

III. Chugiak High School Phase Costs

1. Phase 1	\$10,000,000	Funded 1999 Bond
2. Phases 1 & 2	\$500,000	Unrestricted Interest- 1999 GO Bond
3. Phases 2 & 3	\$20,805,000	Funded 200 0 Bond
4. Phase 3 Deferred	\$4,300,000	
5. Phase 4	<b>**\$8,700,000</b>	
	<b>\$44,305,000</b>	

\*\* Budgetary Estimate

**Dimond High School**

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I. Funded

1. Replacement school.

II. Unfunded

1. Additional funds to:
  - a. Demolish remaining school buildings, with the exception of the Gym/Pool building.
  - b. Complete site improvements, including faculty and student parking lots, walkways, entry plaza, tennis courts, softball field, landscaping, and associated site amenities.

III. Dimond Replacement Costs

1. Initial funding	\$68,000,000	Funded 1999 Bond
2. Additional funding	<u>\$3,000,000</u>	
	\$71,000,000	

**East High School Renovation**

I. Funded

Phase 1

1. Temporarily relocates the library (IMC).
2. Creates a new Cafeteria/Commons area with kitchen.
3. Construct north classroom wing
4. Three new science classrooms.
5. New main entry and parking on the west side (Deferred).
6. Upgrade of the south entrance and east parking lot (Deferred).
7. Fire sprinkler system funding (Deferred).

II. Unfunded

Phase 1 Deferred

1. New main entry and parking on west side.
2. Upgrades of south entry and east parking lot.
3. Commons sound equipment.
4. Conversion of electrical service from primary to secondary.

Phase 2

1. Construct south classroom wing shell for temporary location of IMC.
2. Fire sprinkler system funding.

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Phase 3

1. 600-seat auditorium/theatre.
2. Upgrade performing arts, life skills and home economic classrooms.

Phase 4

1. Renovate old performing arts area for permanent location for the library (IMC).
2. Complete south classroom wing.

Phase 5

1. Renovate northeast classroom wing.
2. Renovate art classrooms.
3. Bus parking upgrades.

Phase 6

1. Renovate east classroom wing.
2. Renovate west classroom wing.
3. Sports fields.

III. East High School Phase Costs

1. Phase 1	\$10,422,000	Funded 2000 Bond
2. Phase 1 Deferred	\$1,500,000	
3. Phase 2	\$4,200,000	
4. Phase 3	\$12,200,000	
5. Phase 4	**\$5,500,000	
6. Phase 5	**\$5,100,000	
7. Phase 6	**\$11,700,000	
	<u>\$50,622,000</u>	

\*\* Budgetary Estimate

**Polaris K-12 Renovation**

I. Funded

1. Educational Specifications to support a K-12 school of 500 students.  
1997 GO Bond Funding.

II. Unfunded

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\*Phase 1

1. Gym addition.
2. Building renovation.
3. Site improvements.
4. Additional classroom storage.

\*Phase 2

1. Classroom addition.
2. Electrical/mechanical upgrades.
3. Building renovation.
4. Site improvements.

III. Polaris K-12 Project Costs

1. Design	\$700,000
2. Phase 1	**\$3,500,000
3. Phase 2	**\$7,500,000
	<u>\$11,000,000</u>

\* Project Phases & Costs will be identified fall of 2002

\*\* Budgetary Estimate

**Service High School Renovation**

I. Funded

Phase 1A

1. Add fourth access drive from Abbott and renovate the visitor/drop-off area.
2. Relocate the existing portable classroom units from the east parking lot area to the front of the school and provide electrical and technology connection (Deferred).
3. Upgrade the east access drive.
4. East parking lot upgrades (Deferred).

Phase 1B

1. Renovate the existing Science Building.
2. Upgrade mechanical and electrical systems as required.

II. Unfunded

Phase 1 Deferred

1. Installation of portables to support Phase 2A

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2. East parking lot upgrades.
3. Relocate hockey rink.
4. Upgrade electrical service.

Phase 2A

1. Renovations and additions of the two-story west classroom wing.
2. Upgrade the boiler plant and electrical systems.
3. Install fire sprinklers.
4. Continue sitework improvements.

Phase 2B

1. Addition to and renovations of the two-story east classroom wing.
2. Continue site work improvements.

Phase 3

1. Demolish the Administration wing and relocate the Administration wing.
2. Move the library (IMC) to its new location.
3. Continue site work improvements.
  - a. Main entry plaza/landscape.

Phase 4

1. Construct new cafeteria/commons.
2. Renovate old cafeteria/old IMC into a new 600-seat sloped floor auditorium.
3. Renovate gym facilities and add new auxiliary gym spaces.
4. Complete new bus loading areas and student entry plazas at the east and west entries to the new commons.
  
5. Upgrade and expand sports fields.

III. Service High School Phase Costs

1. Phase 1A&B	\$7,140,000	Funded 2000 Bond
2. Phase 1A Deferred	\$1,350,000	
3. Phase 2A	\$17,000,000	
4. Phase 2B	**\$13,300,000	
5. Phase 3	**\$11,800,000	
6. Phase 4	**\$15,200,000	
	<u>\$65,790,000</u>	

\*\* Budgetary Estimate

**Wendler Middle School Renovation**

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**Project Descriptions - Capital and Other Projects**

I. Funded

Planning and Preliminary Design – 1997 GO Bond

Phase 1 – 2000 GO Bond

1. Design of project.
2. Construction to improve access for traffic safety issues.
3. Upgrade sports fields.

II. Unfunded

Wendler Renovation project is the number one priority on the State EED Capital Improvement Projects (FY 2003) Major Maintenance Grant Fund list. If State funds are appropriated for EED grants this legislative session, the District is eligible to receive \$12,822,000 in State matching grant funds for this project. These funds are required to complete Phase 2 of the Wendler project.

Phase 2:

1. Classroom improvements supporting new science and core academic classrooms.
2. Small group/resource and teacher planning areas provided.
3. IMC improvements.
4. Family and consumer science, technology education, art and storage space improvements
5. Administration area renovation to reconfigure this area to incorporate improved security, nurse and support spaces.
6. New fire sprinkler system.
7. Window replacements.
8. New arctic entry.
9. Improvements to performing arts.
10. New kitchen, toilet rooms, performing platform, lockers and storage.
11. Mechanical/electrical building system improvements.
12. Auxiliary and regular gym improvements.

III. Wendler Middle School Phase Costs

1. Planning and Preliminary Design	\$125,000	Funded 1997 Bond
2. Phase 1	\$6,045,000	Funded 2000 Bond
3. Phase 2	\$9,800,000	Proposed 2002 Bond
	<u>\$12,821,521</u>	Anticipated State Grant
	\$28,791,521	

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**Ptarmigan Elementary School Addition and Renovation**

**I. Funded**

1. Planning and preliminary design – 1997 GO Bond

**II. Unfunded**

1. 10 new classrooms.
2. New MPR.
3. New office space.
4. New mechanical electrical spaces.
5. Renovations to gym, kitchen, kindergarten rooms.
6. Site improvements, side walks, landscaping, and additional parking spaces.
7. Installation of offsite water line for fire protection.

**III. Ptarmigan Elementary School Addition and Renovation Costs**

1. Planning and preliminary design \$23,780
2. Design and construction        \$6,400,000  
  \$6,423,780

**Planning**

- |  |           |
|--|-----------|
| 1. Whaley School Assessment                            | \$75,000  |
| 2. Clark Middle School Planning and Preliminary Design | \$150,000 |
| 3. Birchwood ABC Traffic Safety                        | \$25,000  |
| 4. Willow Crest Elementary School Traffic Safety       | \$25,000  |