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*See Ao 2011-11915)*

Requested by: Chair of the Assembly at  
the Request of the  
Anchorage School District  
Prepared by: Cynthia M. Weed, Bond  
Counsel  
K&L Gates LLP  
For Reading: November 22, 2011

**MUNICIPALITY OF ANCHORAGE, ALASKA**  
**ORDINANCE No. 2011-119**

AN ORDINANCE PROVIDING FOR THE SUBMISSION TO THE QUALIFIED VOTERS OF ANCHORAGE, ALASKA, THE QUESTION OF THE ISSUANCE OF NOT TO EXCEED FIFTY-NINE MILLION SEVENTY-SEVEN THOUSAND DOLLARS (\$59,077,000) OF GENERAL OBLIGATION BONDS OF THE MUNICIPALITY OF ANCHORAGE TO PAY THE COSTS OF EDUCATIONAL CAPITAL IMPROVEMENTS, CAREER AND TECHNICAL EDUCATION UPGRADES, DESIGN PROJECTS AND DISTRICTWIDE BUILDING LIFE EXTENSION PROJECTS AT THE ELECTION TO BE HELD IN THE MUNICIPALITY ON APRIL 3, 2012.

**WHEREAS**, the existing educational facilities serving the Municipality of Anchorage, Alaska (the "Municipality") are in need of building systems renewal, replacements, renovations, career and technical education upgrades and undertaking of design projects; and

**WHEREAS**, the Assembly of the Municipality and School Board have identified necessary renovations, upgrades and improvements to school facilities; and

**WHEREAS**, in order to provide funds to perform the necessary renovations, upgrades and improvements as further described in Section 1 of this ordinance (the "Projects"), it is deemed necessary and advisable that the Municipality issue and sell its general obligation bonds (the "Bonds"); now, therefore,

**THE ANCHORAGE ASSEMBLY ORDAINS:**

**Section 1. Purpose.** The Assembly hereby determines that the career and technical education facilities and building systems are in need of renewal, replacement, renovation and the undertaking of design projects (the "Projects"). Specifically, career and technical facilities at thirteen schools will be upgraded, and renewals, replacements, and renovations of building systems such as roof, lighting, fire alarm, communication, mechanical, and site upgrades will be performed at district facilities. It is also proposed to undertake design projects for the future renovation of Girdwood K-8 and Airport Heights Elementary School, as

1 well as the design and construction of career and technical education  
2 improvements for the West High School campus.

3  
4 The Projects are described in more detail in the Assembly Memorandum  
5 accompanying this ordinance. The cost of all necessary planning, acquisition of  
6 property for, site preparation, construction, installing and equipping of the Projects,  
7 architectural, engineering, design, and other consulting services, inspection and  
8 testing, administrative and relocation expenses, costs of issuance of the Bonds  
9 (hereinafter defined) and other costs incurred in connection with the Projects shall  
10 be deemed to be costs of the approved Projects. The approved Projects may be  
11 completed with all necessary equipment and appurtenances.

12  
13 The School District shall determine the application of available money as  
14 between the various Projects set forth above so as to accomplish, as nearly as  
15 may be, all of the Projects described or provided for in this section.

16  
17 If the School District shall determine that it has become impractical to  
18 accomplish any portion of the approved Projects by reason of changed conditions  
19 or needs, incompatible development or costs substantially in excess of those  
20 estimated, the School District shall not be required to accomplish such portions  
21 and shall apply Bond proceeds as set forth in this section.

22  
23 If the approved Projects have been completed in whole or in part, or their  
24 completion duly provided for, or their completion found to be impractical, the  
25 School District may apply Bond proceeds or any portion thereof to other School  
26 District capital improvements as the School Board in its discretion shall determine  
27 and, if otherwise, then solely to payment of principal or interest on the Bonds, as  
28 provided in the Home Rule Charter. In the event that the proceeds of sale of the  
29 Bonds, plus any other money of the School District legally available, are  
30 insufficient to accomplish the approved Projects, the School District shall use the  
31 available funds for paying the cost of those portions of the approved Projects for  
32 which the Bonds were approved deemed by the School Board most necessary  
33 and in the best interest of the School Board. No Bond proceeds shall be used for  
34 any purpose other than a capital improvement.

35  
36 For the purpose of providing funds for the undertaking of the Projects, which  
37 are hereby found to be a public purpose and in the public interest, the Municipality  
38 hereby proposes to issue general obligation bonded indebtedness in an amount  
39 not to exceed Fifty-Nine Million Seventy-Seven Thousand Dollars (\$59,077,000)  
40 (the "Bonds").

41  
42 **Section 2.** Details of Bonds. The Bonds shall be sold in such amounts and at  
43 such time or times as deemed necessary and advisable by the Assembly and as  
44 permitted by law and shall mature over a period of not to exceed 20 years of date  
45 of issue. The Bonds shall be issued in an aggregate principal amount of not to  
46 exceed \$59,077,000. The Bonds shall bear interest to be fixed at the time of sale

1 or sales thereof. The exact form, terms, conditions, contents, security, options of  
2 redemption, and such other matters relating to the issuance and sale of said  
3 Bonds as are deemed necessary and advisable by the Assembly shall be as  
4 hereinafter determined and/or delegated by ordinance and/or resolution of the  
5 Assembly.  
6

7 The full faith and credit of the Municipality is pledged for the payment of the  
8 principal of and interest on the Bonds, and ad valorem taxes upon all taxable  
9 property in the Municipality shall be levied without limitation as to rate or amount to  
10 pay the principal and interest on the Bonds when due.  
11

12 **Section 3. Ballot Proposition.** The Assembly hereby submits to the qualified  
13 electors of the Municipality the proposition of whether or not the Municipality  
14 should issue the Bonds for the purpose of financing the costs of the approved  
15 Projects at the regular municipal election to be held on April 3, 2012.  
16

17 The Clerk shall prepare the ballot proposition to be submitted to the voters  
18 as provided by this ordinance and the Municipal Code and shall perform all  
19 necessary steps in accordance with law to place this proposition before the voters  
20 at the regular election. The proposition must receive a majority vote of those in  
21 the Municipality voting on the question to be approved. The proposition shall be  
22 substantially in the following form:  
23  
24

PROPOSITION NO. \_\_\_\_\_

25 EDUCATIONAL CAPITAL IMPROVEMENTS, CAREER AND  
26 TECHNICAL EDUCATION UPGRADES, DESIGN PROJECT  
27 AND DISTRICTWIDE BUILDING LIFE EXTENSION  
28 PROJECT BONDS  
29

30 Shall Anchorage borrow up to \$59,077,000 through the  
31 issuance of general obligation bonds to pay for educational  
32 capital improvements, career and technical facility education  
33 upgrades, educational facility building life extension and  
34 design projects within Anchorage, as provided in Ordinance  
35 No. AO 2011-119? The Projects currently qualify for a State  
36 grant of \$21,000,000 based on \$9,132,000 of the issuance,  
37 which is not eligible for State debt reimbursement. In addition,  
38 the Projects qualify for 70% State debt reimbursement on  
39 \$31,705,000 of the issuance and 60% State debt  
40 reimbursement on \$17,740,000 of the issuance, and no State  
41 debt reimbursement on \$500,000 of the issuance (subject to  
42 annual Legislative appropriation as described below.)  
43

44 The general obligation bond proceeds will be used to pay  
45 costs of planning, design, site preparation, constructing,

1 renovating, installing, acquiring and equipping educational  
2 capital improvement projects including, but not limited to,  
3 renewals, replacements, and renovations of electrical and  
4 mechanical systems, building systems, and sites, undertaking  
5 design projects, and performing upgrades at career and  
6 technical facilities at thirteen schools. The Projects currently  
7 qualify for a State grant of \$21,000,000 based on \$9,132,000  
8 of the issuance, which is not eligible for State debt  
9 reimbursement. In addition, the Projects qualify for 70% State  
10 debt reimbursement on \$31,705,000 of the issuance, 60%  
11 State debt reimbursement on \$17,740,000 of the issuance  
12 and no State debt reimbursement is allowed on \$500,000 of  
13 the issuance. If the State chooses to make full  
14 reimbursement on the eligible \$49,445,000, the annual  
15 increase in taxes would be \$6.51 to retire the proposed bonds  
16 (based on \$100,000 of 2012 real and personal property  
17 value). State reimbursement is subject to annual Legislative  
18 appropriation.

19  
20 Without State reimbursement for debt service, voter approval  
21 of this bond proposition authorizes for each \$100,000 of  
22 assessed real and personal property value (based on the  
23 estimated 2012 assessed valuation) an annual increase in  
24 taxes of approximately \$14.67 to retire the proposed bonds.

25  
26 The debt will be paid from real and personal property taxes  
27 levied and collected areawide in Anchorage. Anchorage will  
28 also pledge its full faith and credit for payment of the debt.

29  
30 (No. AO 2011-119)

31  
32 **Section 4.** Submission of Question to Voters. The proposition, both for paper  
33 ballots and machine ballots, shall be printed on a ballot which may set forth other  
34 general obligation bond propositions, and the following words shall be added as  
35 appropriate and next to a square provided for marking the ballot or voting by a  
36 machine:

37 PROPOSITION NO. \_\_\_\_\_

BONDS, YES

BONDS, NO

38  
39 **Section 5.** Effective Dates. Section 2 of this ordinance shall become effective  
40 only if the proposition described in Section 3 is approved by a majority of the  
41 qualified voters voting on the proposition at the regular election held on April 3,  
42 2012. The remaining sections of this ordinance shall become effective upon  
43 passage and approval by the Assembly.

1 PASSED AND APPROVED by the Assembly of the Municipality of Anchorage, this  
2 \_\_\_\_\_ day of \_\_\_\_\_, 2011.

3  
4  
5 By \_\_\_\_\_  
6 Chair of the Assembly

7 ATTEST:

8  
9  
10 \_\_\_\_\_  
11 Municipal Clerk

**MUNICIPALITY OF ANCHORAGE  
ORDINANCE No. 2011-119**

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\* This Table of Contents and the cover page are for convenience of reference and are not intended to be a part of this ordinance.

MUNICIPALITY OF ANCHORAGE

ORDINANCE No. 2011-119

AN ORDINANCE PROVIDING FOR THE SUBMISSION TO THE QUALIFIED VOTERS OF ANCHORAGE, ALASKA, THE QUESTION OF THE ISSUANCE OF NOT TO EXCEED FIFTY-NINE MILLION SEVENTY-SEVEN THOUSAND DOLLARS (\$59,077,000) OF GENERAL OBLIGATION BONDS OF THE MUNICIPALITY OF ANCHORAGE TO PAY THE COSTS OF EDUCATIONAL CAPITAL IMPROVEMENTS, CAREER AND TECHNICAL EDUCATION UPGRADES, DESIGN PROJECTS AND DISTRICTWIDE BUILDING LIFE EXTENSION PROJECTS AT THE ELECTION TO BE HELD IN THE MUNICIPALITY ON APRIL 3, 2012.

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Prepared by

K&L GATES LLP

**MUNICIPALITY OF ANCHORAGE**  
**Summary of Economic Effects - Anchorage Schools**

AO Number: 2011-119

Title: AN ORDINANCE PROVIDING FOR THE SUBMISSION TO THE QUALIFIED VOTERS OF ANCHORAGE, ALASKA, THE QUESTION OF THE ISSUANCE OF NOT TO EXCEED FIFTY-NINE MILLION SEVENTY-SEVEN THOUSAND DOLLARS (\$59,077,000) OF GENERAL OBLIGATION BONDS OF THE MUNICIPALITY OF ANCHORAGE TO PAY THE COSTS OF EDUCATIONAL CAPITAL IMPROVEMENTS, CAREER AND TECHNICAL EDUCATION UPGRADES, DESIGN PROJECTS AND DISTRICTWIDE BUILDING LIFE EXTENSION PROJECTS AT THE ELECTION TO BE HELD IN THE MUNICIPALITY ON APRIL 3, 2012.

Sponsor: Mayor  
 Preparing Agency: Public Finance and Investments Division  
 Others Impacted: Anchorage School District

<b>CHANGES IN EXPENDITURES AND REVENUES:</b> (Thousands of Dollars)					
	FY12	FY13	FY14	FY15	FY16
Operating Expenditures					
1000 Personal Services					
2000 Supplies					
3000 Other Services					
4000 Debt Service	2,304*	2,304*	2,304*	2,304*	2,304*
5000 Capital Outlay					
<b>TOTAL DIRECT COSTS:</b>	<b>2,304</b>	<b>2,304</b>	<b>2,304</b>	<b>2,304</b>	<b>2,304</b>
ADD: 6000 Charge from Others					
LESS: 7000 Charge to Others					
<b>FUNCTION COST:</b>					
<b>REVENUES:</b>					
<b>CAPITAL:</b>					
<b>POSITIONS:</b>					

**PUBLIC SECTOR ECONOMIC EFFECTS:**

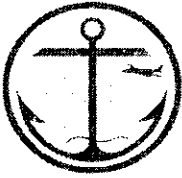
Provides the public with capital improvements on existing schools necessary to meet ongoing educational infrastructure requirements of the community.

**PRIVATE SECTOR ECONOMIC EFFECTS:**

Estimated annual debt service of \$2,304,133 assumes \$59,077,000 bonds are sold as a package at an average coupon of 4.75%, for 20 years. Debt Service is scheduled to have partial reimbursement by the State of Alaska subject to annual appropriation by the Alaska State Legislature.

\* Subject to market rates and timing





# MUNICIPALITY OF ANCHORAGE

## ASSEMBLY MEMORANDUM

AM No. 689-2011

Meeting Date: November 22, 2011

1 **From: MAYOR**

2  
3 **Subject: AN ORDINANCE PROVIDING FOR THE SUBMISSION TO THE**  
4 **QUALIFIED VOTERS OF ANCHORAGE, ALASKA, THE QUESTION OF**  
5 **THE ISSUANCE OF NOT TO EXCEED FIFTY-NINE MILLION**  
6 **SEVENTY-SEVEN THOUSAND DOLLARS (\$59,077,000) OF GENERAL**  
7 **OBLIGATION BONDS OF THE MUNICIPALITY OF ANCHORAGE TO**  
8 **PAY THE COSTS OF EDUCATIONAL CAPITAL IMPROVEMENTS,**  
9 **CAREER AND TECHNICAL EDUCATION UPGRADES, DESIGN**  
10 **PROJECTS AND DISTRICTWIDE BUILDING LIFE EXTENSION**  
11 **PROJECTS AT THE ELECTION TO BE HELD IN THE MUNICIPALITY**  
12 **ON APRIL 3, 2012.**

13  
14 This ordinance places a general obligation bond proposition for the Anchorage School  
15 District on the ballot for the regular Municipal election to be held on April 3, 2012.

16  
17 The Administration recommends scheduling a public hearing for this bond ordinance on  
18 December 6, 2011.

19  
20 The 2012 Anchorage School District bond implements the priorities recently established  
21 by the Anchorage School District Board. The bond provides funds for educational  
22 capital improvements, career and technical education upgrades, design projects and  
23 district wide building life extension projects. Please see the attached Project List,  
24 attached as **Exhibit A**.

25  
26 **THE ADMINISTRATION RECOMMENDS APPROVAL OF AN ORDINANCE**  
27 **PROVIDING FOR THE SUBMISSION TO THE QUALIFIED VOTERS OF**  
28 **ANCHORAGE, ALASKA, THE QUESTION OF THE ISSUANCE OF NOT TO EXCEED**  
29 **FIFTY-NINE MILLION SEVENTY-SEVEN THOUSAND DOLLARS (\$59,077,000) OF**  
30 **GENERAL OBLIGATION BONDS OF THE MUNICIPALITY OF ANCHORAGE TO**  
31 **PAY THE COSTS OF EDUCATIONAL CAPITAL IMPROVEMENTS, CAREER AND**  
32 **TECHNICAL EDUCATION UPGRADES, DESIGN PROJECTS AND DISTRICTWIDE**  
33 **BUILDING LIFE EXTENSION PROJECTS AT THE ELECTION TO BE HELD IN THE**  
34 **MUNICIPALITY ON APRIL 3, 2012.**

35  
36 Prepared by: Ross Risvold, Public Finance & Investments Manager

37 Concurrence: Lucinda Mahoney, CFO

1 | Concurrence:  
2 | Concurrence:  
3 | Respectfully submitted:  
4 | AM 2012 ASD Bond Prop.doc

Dennis A. Wheeler, Municipal Attorney  
George J. Vakalis, Municipal Manager  
Daniel A. Sullivan, Mayor

**EXHIBIT A**

See Attached Project List

**PROJECT LIST**

**Anchorage School District 2012 Bond Ballot Proposition Proposal**

**\$13,165,000**

**Career Technical Vocational Education (CTVE) Programs Capital Funding Needs  
for West High School**

**\$45,912,000**

**Supplemental Attachment**

**\$59,077,000**

**Total Bond Proposition Proposal**

# 2012 ASD School Bond Recommendation

SUPPLEMENTAL ATTACHMENT

Project Title	PROJECT COST	Scope of Work Notes
Service HS Department of Education Grant Match	\$ 9,132,000	Major Maintenance Renovation of Buildings B, C, & EF, approximately 135,000 sf for energy conservation, asbestos abatement, life safety, and accessibility. Improvements include renewal of mechanical, electrical, communications, and general building systems; upgrade of building wide fire alarm and installation of fire sprinkler system. Department of Education Share is \$21.3M for a total grant award of approximately \$30.4M.
Girdwood K-8 School Design	\$ 2,400,000	Design funding to address both infrastructure upgrades and addition of square footage to support existing program to include gymnasium, classrooms and support areas.
Airport Heights ES Planning	\$ 500,000	Provide funding to provide schematic level design for a major capital improvement project to address both building infrastructure and educational program deficiencies.
<b>FIRE ALARM SYSTEMS:</b>		
Greening MS Fire Alarm Upgrades	\$ 700,000	Replace existing building IRC-3 fire alarm system installed in 1995. Current system is no longer supported by vendors and parts are difficult to locate. Maintenance Department has identified this as a priority project due to numerous repairs in recent years.
Ravenwood ES Fire Alarm Upgrades	\$ 275,000	Replace existing building IRC-3 fire alarm system installed in 1996. Current system is no longer supported by vendors and parts are difficult to locate. Maintenance Department has identified this as a priority project due to numerous repairs in recent years.
Campbell ES Fire Alarm Upgrades	\$ 350,000	Replace existing building IRC-3 fire alarm system installed in 1993. Current system is no longer supported by vendors and parts are difficult to locate. Maintenance Department has identified this as a priority project due to numerous repairs in recent years.
Aurora ES Fire Alarm Upgrades	\$ 300,000	Replace existing building IRC-3 fire alarm system installed in 1996. Current system is no longer supported by vendors and parts are difficult to locate. Maintenance Department has identified this as a priority project due to numerous repairs in recent years.
Mirror Lake MS Fire Alarm Upgrades	\$ 500,000	Replace original fire alarm system installed in 1996. Existing system is functional but not supported by manufacturer and parts are becoming obsolete. System beginning to have significant number of repairs.
Ursa Major ES Fire Alarm Upgrades	\$ 380,000	Replace existing building Fire Control Inc (FCI) fire alarm system installed in 1994. Current system is no longer supported by vendors and parts are difficult to locate. System beginning to have significant number of repairs.
<b>ROOF SYSTEMS:</b>		
Chugiak HS Roof Upgrades	\$ 2,000,000	Replace approximately 55,000 square feet of leaking roof sections last upgraded in 1988. Maintenance spending significant funds on patching areas of roof leaks. Rubber membrane has exceeded useful life and showing signs of significant failure.

# 2012 ASD School Bond Recommendation

Project Title	PROJECT COST	Scope of Work Notes
Rabbit Creek ES Roof Upgrades	\$ 1,400,000	Replace failing roof sections over main classroom wings and kitchen area. Replace approximately 35,000 sf ranging in age from 24 to 27 years. Maintenance spending significant funds on patching areas of roof leaks. Rubber membrane has exceeded useful life and showing signs of significant failure.
Turnagain ES Roof Upgrades	\$ 1,400,000	Replace failing roof sections over main classroom wings and kitchen area. Replace approximately 35,000 sf ranging in age from 23 to 27 years. Maintenance spending significant funds on patching areas of roof leaks. Rubber membrane has exceeded useful life and showing signs of significant failure. This system was last upgraded in 1996.
Aurora ES Roof Upgrades	\$ 1,100,000	Replace roof sections totaling 40,000 sf last replaced in 1984. Maintenance Department has identified this as a priority project due to numerous repairs in recent years.
Susitna ES Roof Upgrades	\$ 900,000	Replace roof sections totaling 16,000 sf that were last replaced in 1986. Maintenance spending significant funds on patching areas of roof leaks. Rubber membrane has exceeded useful life and showing signs of significant failure.
Spring Hill ES Roof Upgrades	\$ 300,000	Modify portion of the metal roof system to prevent damage to building exterior due to falling snow and ice near loading dock area of building. The existing roof system is in good shape. Project would repair current damage and modify roof system to eliminate future damage due to falling snow and ice. This section of the roof is from the original construction in 1985.
O'Malley ES Roof Upgrades	\$ 1,500,000	Replace aging roof sections over main classroom wings. These roof sections were last replaced in 1991.

### MAJOR MECHANICAL SYSTEMS:

Spring Hill ES Boiler Replacement	\$ 400,000	Replace original boilers installed in 1984. 86-series boilers are discontinued by manufacturer and parts are becoming difficult to find. Maintenance has identified this location as high priority for replacement.
Bear Valley ES Boiler Replacement	\$ 400,000	Replace original boilers installed in 1984. 86-series boilers are discontinued by manufacturer and parts are becoming difficult to find. Maintenance has identified this location as high priority for replacement.
College Gate ES HVAC Upgrades	\$ 1,500,000	Upgrade or replace existing furnace and fans that serve Gym/JMC area of the building. These system were originally installed in 1970 (40 yrs). Maintenance has identified this project has high priority to replace older system components.
Hanshew MS Boiler System	\$ 400,000	Replace original boilers installed in 1984. 86-series boilers are discontinued by manufacturer and parts are becoming difficult to find. System components are still functioning and repairable.
Stellar Secondary Boiler/HVAC Upgrade	\$ 600,000	Upgrade or replace existing 86-series boilers and older air handling units. The existing boilers were installed as part the 1984 renovation project.

### LIGHTING/COMMUNICATION SYSTEMS:

Inlet View ES Intercom/ Bell /Clock Replacement	\$ 200,000	Replace existing 23 year old intercom/clock system. Maintenance has replaced head end components only with their spare Telecenter 21 system. If system continues to deteriorate there are no back up parts.
---	------------	---

# 2012 ASD School Bond Recommendation

Project Title	PROJECT COST	Scope of Work Notes
Eagle River ES Lighting/ECMs	\$ 1,100,000	Upgrade failing building lighting by replacing fixtures, lamps and ballasts with newer energy efficient systems. Age of existing fixtures range from 25 to 48 years.
Rabbit Creek ES Intercom/Bell /Clock Replacement	\$ 300,000	Replace existing Simplex 5130 system. This series is no longer supported. This system was last upgraded in 1996.
Huffman ES Lighting Upgrades	\$ 900,000	Upgrade aging building lighting by replacing fixtures, lamps and ballasts with newer energy efficient systems. Age of existing fixtures range from 23 to 38 years.
Scenic Park ES Intercom/ Bell /Clock Replacement	\$ 300,000	Replace existing 13 year old intercom / clock system. Existing system is functional but not supported by manufacturer and parts are becoming obsolete.
Susitna ES Intercom/ Bell /Clock Replacement	\$ 300,000	Replace existing 18 year old intercom / clock system. Existing system is functional but not supported by manufacturer and parts are becoming obsolete.
Abbott Loop ES Intercom/Bell /Clock Replacement	\$ 300,000	Replace existing Telecenter 4 system installed in 1999. This model no longer supported by manufacturer.
Mt. View ES Intercom Clock Replacement	\$ 200,000	Replace existing 120 V AC power clock system with low voltage or wireless clock system. Parts are no longer available for existing system. These components are located in the 1972 section of the building.
Central MS Emergency Exit Lighting & Signs	\$ 250,000	Replace existing emergency exit signs and lights building wide. Project will ensure code compliance for emergency egress and replace aging system which will reduce maintenance costs. These lights were last upgraded in the mid 1990s. The average age of system is 15 years.
<b>MINOR MECHANICAL SYSTEMS:</b>		
Mountain View ES Domestic Water Piping	\$ 275,000	Remove and replace corroded domestic galvanized domestic water piping with copper. The galvanized pipe is nearly 40 years old. Installed as part of original 1972 construction project.
Susitna ES Domestic Water Piping	\$ 150,000	Remove and replace corroded domestic galvanized domestic water piping. This 40 year old pipe is located in the original construction section of the building.
Turnagain ES Domestic Water Upgrades	\$ 500,000	Repair section of domestic water supply to restrooms in the original classroom wing. System can continued to be repaired as failures occur. This system is located primarily in the 1983 section of the building.
Nunaka Valley ES Heat Exchanger	\$ 150,000	Install heat exchangers for AHU coils and remove glycol from heating system, upgrade building control systems. This is a modification to the original systems installed in 1998.
<b>GENERAL BUILDING &amp; SITE UPGRADES:</b>		
Chugach HS Corridor Floor Replacement VAT	\$ 125,000	Remove Existing Vinyl Asbestos Tile and Replace with VCT. Sections of corridor are being patched as floor tiles continue to deteriorate. Further deterioration could lead to significant environmental issues within school due to friable ACM. This tile is from the construction of the original building in 1965.

# 2012 ASD School Bond Recommendation

Project Title	PROJECT COST	Scope of Work Notes
Dimond HS Aux Gym Bleachers	\$ 275,000	Replace existing telescopic bleachers system in auxiliary gym. Bleacher system is original equipment installed in 1972 and was refurbished in 1988. System components are wearing out.
Chugiak HS Field Control Room	\$ 50,000	Remove and replace control room that supports track and football field. Building floor and walls have begun to rot and are unserviceable. Control room will soon be unsafe to use. This is the original structure that is over 30 years and was built as part of the 1981 site improvements.
West HS Auditorium Dressing Room	\$ 250,000	Upgrade Dressing / Restrooms that serve West Auditorium Stage. Original plumbing and light fixture last upgraded in 1970's.
Wonder Park ES Traffic Safety / Site Improvements	\$ 400,000	Upgrades to existing exterior sites include replacement of concrete sidewalk, curb and gutter and underground site drainage. Improvements will include dedicated bus drop off area to increase pedestrian safety. Site layout was originally installed in 1968 with minor changes with the 1987 addition.
Districtwide Relocatables Upgrades	\$ 500,000	Provide upgrades to select system to extend life of existing relos originally built in the 1960's. System upgrades include improvements to lighting, electric heat and door and lock hardware. This is project is not eligible for debt reimbursement.
Bayshore ES Exterior Doors & Window Replacement	\$ 450,000	Replace existing exterior doors and windows for entire building. Project would renew existing aging systems and provide improvements for operational and maintenance cost by increasing energy efficiency and reducing maintenance repair. These systems range in age from 20 to 37 years old.
Central MS Student Locker Replacement	\$ 550,000	Replace existing student corridor lockers. A majority of these lockers were installed as part of original construction in 1962 making them nearly 50 years old.
Cladys Wood ES Exterior Doors & Window Replacement	\$ 450,000	Replace existing exterior doors and windows for entire building. Project would renew existing aging systems and provide improvements for operational and maintenance cost by increasing energy efficiency and reducing maintenance repair. The windows and doors range from 27 to 41 years in age. Some are from original construction in 1970 and others from addition and renovation in 1984.
Gladys Wood ES Restroom Upgrades	\$ 300,000	Upgrade existing student restrooms that serve the classroom pod areas of the building. Upgrades include new fixtures, flooring, partitions and painting. These restrooms are 27 years old and were last renovated in 1984.
Mt. Ilmanna ES Restroom Upgrades	\$ 300,000	Upgrade all existing restrooms in the building. Upgrades include new fixtures, flooring, partitions and painting. Original constructions of these restrooms was in 1962. It appears that minimal upgrades were done in early 1990s for existing floor and toilet partitions.
Mt. Ilmanna ES Exterior Doors & Window Replacement	\$ 300,000	Replace existing exterior doors and windows for entire building. Project would renew existing aging systems and provide improvements for operational and maintenance cost by increasing energy efficiency and reducing maintenance repair. A majority of the existing exterior doors and windows are from the original construction in 1962. These systems are nearly 50 years old.
Total BLE & CIP Projects	\$ 35,312,000	



# 2012 ASD School Bond Recommendation

Project Title	PROJECT COST	Scope of Work Notes
<b>CTE PROJECTS</b>		
Bartlett HS CTE Construction Academy	\$ 1,900,000	Construct open high bay roofed facility with fenced in work yard.
Central MS CTE Sports Medicine Lab	\$ 300,000	Sport Medicine Lab: Adapt room #146 to support program. Provide water and sink(s). Provide storage for displaced PE equipment.
Wendler MS CTE Construction Academy	\$ 925,000	Convert Classroom #C105 into CTE lab with exterior roll-up door. Convert adjacent storage room 503 into a CTE computer lab. Art currently housed in C105 to be relocated - location TBD.
Chugiak HS Health Science Academy	\$ 225,000	Modification of Science Classroom Lab #227.
Gruening MS CTE Construction Academy Work Yard	\$ 50,000	Convert two exterior handball courts adjacent to CTE classroom into a construction work yard.
West HS CTE Design	\$ 1,000,000	Plan and Design an addition to support CTE Programs.
Begich MS Construction & Applied Technology Projects	\$ 725,000	Addition to expand side of existing Applied Technology Lab Classroom #B121 to construct project.
Begich MS Applied Technology Projects	\$ 75,000	Fenced work yard adjacent to the Applied Technology Classroom #B121.
Hanshew MS CTE Health Academy	\$ 600,000	Create a flexible classroom space for health career academy courses. Move one wall and take down existing cubicles.
Romig MS Applied Technology Program	\$ 450,000	Plan and Design an addition to support Applied Technology.
East HS Health Care Program	\$ 650,000	Adapt existing science labs to accommodate program.
Mirror Lake MS Applied Technology	\$ 900,000	Technology Lab: Increase the size of space by integrating Rooms 328 & 329. Adapt layout and add an exterior doorway to support larger projects. Add dust collection system & provide exhaust system in fabrication area. Fenced work yard adjacent to the Technology Lab.
Romig MS Family Consumer Science Expansion	\$ 600,000	Family Consumer Science Classroom: Minor adaption so that it can additionally support a small computer lab area. Update entire space.
South HS Engineering Academy Classroom Modification	\$ 950,000	Convert two computer labs (C119) into a CTE Lab. Switch CAD & Computer program locations located in C118 and G213. Install doorway between C118 & C119. TBD location of C119 displaced computer labs.
West HS Family Consumer Science Program	\$ 250,000	Upgrade HVAC and exhaust system to improve environmental and air quality.
Gruening MS CTE Applied Tech Construction Academy	\$ 700,000	Technology Lab: Add dust collection system & improve exhaust system in fabrication area. Adapt space to support a combined applied technology, construction academy program. Install garage door to exterior.
Polaris K-12 Biotechnology Training Preparatory Program	\$ 300,000	Adapt Science Classroom from lecture demonstration style lab to a collaborative research based program. Requires reconfiguration of casework, sinks and increasing storage. May require reconfiguration of science prep rooms.
Total CTE Projects	\$ 10,600,000	
Total All Projects	\$ 45,912,000	