COLORADO DEPARTMENT OF EDUCATION

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August 13, 2007

Capital Development Committee
200 E. Colfax, Room 271
Denver, CO 80203

Capital Development Committee:

The 2007 General Assembly appropriated $10,000,000 to the School Construction and Renovation fund for FY2007-08. There is an additional $263,393.90 from previously awarded and completed projects that wasn't spent. Pursuant to 22-43.7-105, C.R.S., *"…The State Board shall submit a list of school districts and charter schools recommended to receive matching grants for capital construction projects, along with the amount of each grant and the amount of the school district or charter school match, to the Capital Development Committee of the General Assembly no later than August 16 of the fiscal year for which financial assistance is being sought. The Capital Development Committee shall determine the number of capital construction projects on the list that may receive matching grants from moneys available in the Construction and Renovation Fund before September 15 of the same fiscal year. Only capital construction projects on the prioritized list may receive matching grants from the Construction and Renovation Fund, and the capital construction projects shall be funded in the priority determined by the State Board. If the Capital Development Committee does not make a determination on the list before September 15, the list shall be deemed approved as submitted and the State Board may order payment of all matching grants on the list."*

Attached is a prioritized list of capital construction projects approved by the State Board listed in priority order (page 2). Also attached is a summary description of each approved project (page 3-6), a prioritized list of all applications received (page 7-15), a summary of why certain projects were not selected (page 16-18), and a summary of the types of projects applied for (page 19), and the types of projects approved by the State Board (page 20).

This information is being submitted so the CDC may consider the State Board approved list of projects at their August 21, 2007 meeting.

Please contact me with any questions or concerns.

Sincerely,

Ted Hughes
Public School Finance / Colorado Department of Education
Capital Construction Grants
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Attachments

CYCLE 8 / FY2007- 08 PROJECTS APPROVED BY THE STATE BOARD FOR FUNDING FROM THE SCHOOL CONSTRUCTION AND RENOVATION FUND

State Rank Using PPAV and Bonded Debt	County	District	Project	REQUEST: Total Project Cost	REQUEST: Current Request	REQUEST: Current District Contribution	APPROVED BY THE STATE BOARD: Amounts Approved by the State Board	APPROVED BY THE STATE BOARD: Match Amounts approved by the State Board	Note
1	Conejos	Sanford 6J	Entry Door Security & ADA Upgrade	$ 49,274.00	$ 45,825.00	$ 3,449.00	$ 45,825.00	$ 3,449.00	
1	Conejos	Sanford 6J	Exterior Concrete Removal and Installation	$ 44,018.00	$ 40,937.00	$ 3,081.00	$ 40,937.00	$ 3,081.00	
2	Conejos	North Conejos Re-1J	Districtwide ADA Upgrades	$ 242,000.00	$ 234,740.00	$ 7,260.00	$ 50,000.00	$ 1,546.39	1
5	El Paso	Edison 54 JT	ES Classroom & Kitchen /Cafeteria Addition (Supplemental)	$ 2,424,286.00	$ 2,036,400.00	$ 387,886.00	$ 2,036,400.00	$ 387,886.00	
7	El Paso	Ellicott 22	HVAC Improvements at Music Room (Supplemental)	$ 99,409.00	$ 94,439.00	$ 4,970.00	$ 94,439.00	$ 4,970.00	
8	El Paso	Widefield 3	Boiler Room and Tunnel Asbestos Abatement	$ 2,673,000.00	$ 2,432,430.00	$ 240,570.00	$ 1,200,000.00	$ 118,681.32	2
12	Otero	East Otero R-1	PS Roof Replacement	$ 505,522.00	$ 465,080.00	$ 40,442.00	$ 465,080.00	$ 40,442.00	
13	Washington	Lone Star 101	Window and Door Replacement	$ 59,015.00	$ 48,392.00	$ 10,623.00	$ 48,392.00	$ 10,623.00	
16	Logan	Buffalo Re-4	New ES (Phase 1)	$ 4,659,958.00	$ 3,774,566.00	$ 885,392.00	$ 3,500,000.00	$ 820,987.65	3
17	Rio Grande	Monte Vista C-8	ES Misc Upgrades to Elect, HVAC, ACM Abatement, Fire Alarm	$ 1,246,201.00	$ 1,084,195.00	$ 162,006.00	$ 782,310.90	$ 116,897.03	4
19	El Paso	Miami/Yoder 60 JT	New Jr/Sr HS-Phase 1	$ 7,827,369.00	$ 5,870,527.00	$ 1,956,842.00	$ 2,000,000.00	$ 666,666.67	5
							$ 10,263,383.90	$ 2,175,230.06	

Total State Board Approvals for FY07-08 School Construction and Renovation Fund	**$**	**10,263,383.90**
Total FY2007-08 School Construction and Renovation Fund Appropriation	$	10,000,000.00
School Construction and Renovation Fund from Prior Cycles	$	263,383.90
Total Available Funding	**$**	**10,263,383.90**

Note

1 Due to large General Fund and Capital Reserve Fund balances the district is being asked to provide a larger matching contribution and only partial funding is recommended.

2 Due to limited available funding partial funding is recommended. The project is to occur in (9) buildings. Partial funding will allow the district to do some of the buildings and additional funding can be requested next year for the remaining buildings.

3 The district reduced their request.

4 This was the final project discussed and there wasn't any additional funding. The multiple scope of the project lends itself to partial funding.

5 The cost of the project seems excessive and so does the scope, however the need is very real. It will be requested that the district obtain competitive bids and phase the project, so this funding can be used for the first phase. Additional funding can be applied for in the future for the remainder of the project.

CAPITAL CONSTRUCTION GRANT PROGRAM
CYCLE 8 / FY2007-08
STATE BOARD APPROVED PROJECT DESCRIPTIONS

Sanford 6J ~ Entry Door Security & ADA Upgrade

This project would provide an ADA ramp for the main entrance which is not handicap accessible at this time. Included in this project would be doors which would allow handicap individuals to enter the building without the assistance of others, or by having to phone ahead. With security being a district priority, the final step in this project would be to renovate the existing interior main entrance to allow office personnel and administration to view parties entering the building. After entering the first set of handicap accessible doors, visiting parties would have to buzz the office for permission to enter the main building. Staff would then be able to electronically let visitors into the main building or deny entry. This would also allow the main office the ability to view incoming parties, which at this time is impossible.

Sanford 6J ~ Exterior Concrete Removal and Installation

Currently outside the north entrance, the entrance for Elementary students, is a large concrete pad. Due to weather, age, and wear, this pad is in great need for replacement. The concrete pad has complete sections missing and others with large cracks, holes, and a variation of heights. The pad has been known to cause injury to students.

North Conejos Re-1J ~ Districtwide ADA Upgrades

Centauri HS needs a complete renovation of restroom facilities to make them ADA accessible. La Jara Elementary has no handicap access to the upstairs, requires upgrades to restrooms (stalls, toilets, etc.) and classrooms for better access, and the front door has no handicap access. Manassa Elementary requires upgrades to restrooms (stalls, toilets, thresholds, etc.) and classrooms.

This project would correct these issues

Edison 54 JT ~ ES Classroom & Kitchen/Cafeteria Addition (Supplemental)

The current structure was built in 1922. It contains four large classrooms (three of which are being used as Elementary rooms) with 625 square feet. These composite (multiple grades) classrooms have inadequate space for the required activity centers to support their curriculum and the requirements of multiple-level classes. The four classrooms used by the secondary have approximately 225 to 400 square feet. The science room is limited to two lab tables. There is no space for the required safety shower in the room. The library is currently housed in a teacherage that had been the home of the maintenance person. The library collection is housed in three separate rooms with numerous books in storage boxes because of the lack of sufficient space. The art room and one secondary math room are housed in another teacherage. To relieve crowded conditions, two modulars were purchased within the past two years. One, with restrooms and water, is used for the preschool and kindergarten. The second modular is used for secondary classrooms. Each modular has 600 square feet. The current campus has students leaving the main building for art, library use, and secondary English and math classes. Elementary students are mixed with secondary students in the hallways. All students and staff- except the kindergarten and preschool – use one common set of restrooms. This mixing situation leads to concerns about safety and mental comfort of the elementary students. There have been several incidents with bullying of elementary students by secondary students. In addition the five total stools and one urinal are all of the restroom fixtures available to the school population on a normal basis. The current kitchen has been described by the CDE nutrition team as “one of the worst kitchens in the state of Colorado”. The cafeteria, which is in actuality a foyer for the gymnasium, feeds all students in three feedings, but is bursting at the seams. The main building is not ADA accessible and the classrooms are on the second floor. A family with a preschool girl with a walker has just moved into the district.

The project is a six classroom addition which would include appropriate offices, restrooms, a library/media center, kitchen, and walk-ins, dry storage areas, and cafeteria. This new building would separate the elementary and secondary populations. The new library would have controlled access for the secondary students, but would serve both the secondary and elementary populations. The art room would be moved to this building for elementary classes. The four classrooms for elementary use would have a minimum of 843 square feet which would provide considerably more space for activity centers. The classrooms would all have sinks. The kindergarten room would have a toilet within the classroom. The one story design of the building would allow the district to tackle the ADA concern and give us time to find funding for an ADA upgrade for the main building. The current utilization plan for the new building would mean that Elementary students would attend all their classes and eat in the new building. The only time that they would leave the building would be for recess, to go to the gym or PE, and to come and go from their buses. The kitchen would more than triple in size. Dry storage and walk-ins would be collocated with the kitchen. The new cafeteria space would be designed for eating and would feed up to 100-150 students.

The movement of the elementary would allow the secondary to use the larger classrooms in the main building. Edison 54JT would be able to remodel the science room to provide at least another two lab tables. The existing small classrooms would be used for special education and elective classes with smaller numbers.

Ellicott 22 ~ HVAC Improvements at Music Room (Supplemental)

The transportation building serves two functions: on the west side is the maintenance area for vehicle repair and materials/tool storage, and on the east side is the Music Classroom, an Office, a Practice Room, and two Restrooms. Work was completed during the summer of 2006 for the west side of the building (awarded during Cycle 6), which improved the mechanical vehicle exhaust, mechanical supply air, and general exhaust from the building. This Cycle 8 request is to cover the balance of the work that was not completed in 2006 due to escalation of construction costs and a new electrical service.

The scope of work for this Cycle 8 request is the east side of the building, which includes improved mechanical ventilation and return air for the Music Classroom, new electric unit heaters for the two restrooms, a new rated wall required by code between the east and west sides to the building, and a second exit to the exterior at the south wall. A second exit door will also be added directly to the exterior, to satisfy exiting requirements due to the occupant load of this room. The mechanical systems for the east and west sides of the building are independent of each other.

Widefield 3 ~ Boiler Room and Tunnel Asbestos Abatement

The proposed project will consist of the removal of all asbestos containing material in the boiler rooms as well as in the service tunnels. At the present time there are a number of the service tunnels that need to have plumbing repairs made in them. In some cases repairs are difficult because the asbestos is affecting the needed repairs. It is getting to the point that the repairs or upgrades to plumbing are very difficult due to the deteriorating condition of the asbestos. As the asbestos deteriorates the District is concerned about the affects to the maintenance staff as well as the other staff, students and community members that are actively involved in their schools. The project includes the removal of all asbestos containing material in the boiler room areas, service tunnels and the dirt floors in these tunnels.

Due to limited grant funds, partial funding of this project has been approved by the State Board so the district can begin with the worst schools and re-apply for additional funding next year or do the other schools with district funds.

East Otero R-1 ~ Primary School Roof Replacement

The concrete structural decking is providing the only water proofing for the structure in many areas. There is extensive damage to the interior walls, ceilings, tiles, carpets and floors. The roof leaks are causing asbestos based ceiling coatings to crumble and stain. Flashings have failed in all areas of the roof, there are open field and flashing seams, there is no drainage (parts of the roof will not drain due to roof scuppers being higher than the roof membrane) causing severe pooling of water on the roof, the concrete pavers are crumbling causing extensive damage to the EPDM roof membrane, and there is evidence of moisture infiltrating structural walls and insulation along the west and south walls. There are numerous capped and terminated curbs. When water leaks through the district is forced to use numerous buckets to collect the leaks. The water is draining into the building. The roof shows loss of surfacing, alligatoring of roof membranes, numerous repairs and patches, wet insulation and drains that are full of debris due to the continued deterioration of the roofing material and membrane. The proposed roofing project would include specification development, preparation of bid documents and project management with jobsite inspection in addition to the installation of a new roofing system.

The project includes complete removal of existing roofing and flashing details to structural decking. Install new fill insulation boards to increase roof height to designed drainage height. Install new ¼" per foot tapered insulation system to provide adequate drainage. Install ½" coverboard over tapered insulation. Install new Class A cold process low odor built-up roofing system with 20-year manufacturer's warranty.

Lone Star 101 ~ Window and Door Replacement

This project is to remove windows in the Elementary wing. The original windows were installed in 1962 and are single pane, non-thermal windows which do not lock. The replacement units are all high-efficiency, lockable, thermo-pane units with Low E glass.

Because of the age and quality of the current windows, the affected classrooms are cold in the winter and hot in the summer. The windows aren't energy efficient and they are a safety issue because they can't be locked. If Lone Star 101 needed to have a safe lockdown of the school due to an emergency, the windows can't be locked and there would be a major breach.

The windows leak when it rains or snows. Being on the plains and having wide open spaces in the vicinity of the school, the wind blows a considerable amount of dust through the poorly sealed windows. The moisture and dust are detrimental to the health of the students and staff.

In addition, exterior doors would be replaced in the southeast part of the Elementary wing. The new doors would be steel doors with safety glass and panic hardware. The current doors are outside doors and are a safety hazard as there are large gaps near the bottom of the doors allowing snakes and rodents to easily enter the building. Snakes have to be removed from that portion of the building many times during the school year.

Buffalo Re-4 ~ New Elementary School (Phase 1)

The existing Elementary school has many problems. There are roof leaks which would need to be addressed if the school is continued to be used. The school has developed leaks in the hot water lines that run under floors (not in tunnels) to classrooms and rest rooms. As a result the district has abandoned two water "loops" to classrooms and restrooms. There are leaks in the hot water supply lines as well. To this point these leaks have been controlled with additives in the water. The electrical service is outdated and inadequate. The County Health Department has cited the kitchen for being unable to meet code for separation of food preparation surfaces from dishwashing surfaces and lack of separate hand-washing /worker prep areas from the food prep area. The current building was initially built in 1957 and the HVAC, plumbing, and electrical components are undersized and worn-out. In addition to the physical problems associated with the current Elementary building students must travel two blocks between the Elementary and Junior/Senior High school buildings. High School students travel daily to the Elementary for lunch and Elementary students travel to the High School for PE. In Merino there is not a paved street or sidewalk between the two buildings. Exposure to weather, difficulty in supervision, and lack of sidewalk surfaces are also factors to be considered in the application.

This project is a new 23,500 sf elementary school at the Jr/Sr High school campus.

Monte Vista C-8 ~ Elementary School Misc. Upgrades to Electrical, HVAC, Fire Alarm and Asbestos Abatement

Bill Metz Elementary Supplemental Classroom Building is located on the grades 2-5 Elementary campus. The building serves as a classroom for elementary general music, elementary band, elementary physical education, HS/Adult ELL classes, and teen parenting classes. In addition the building is used for district band concerts, plays, and other student programs. The building seats over 900 and is used for meetings and a variety of programs. The district received a Historical Society Grant in 1998 and used that money to replace the seats, replace curtains, refinish the floor and make repairs to the exterior. All of the repairs under the grant were completed to restore the building to original-like appearance according to Historical Society guidelines. A CDE capital construction grant was used to remodel the downstairs restrooms and to install a wheel-chair-lift to make the downstairs and the stage area ADA accessible. The heating and electrical systems are antiquated and must be replaced. The boiler is the original and is oversized for the building. The boiler used to provide heat for two other large buildings that have since been demolished. The large sized boiler is inefficient and it has outlasted it's useful life. The pipes and duct work associated with the boiler are insulated with asbestos and the pipes have deteriorated to the point that they are paper thin. Leaks are very difficult to repair because of the condition of the pipes and the presence of the asbestos. There is no back-up to the boiler, so if it is down there is no way to heat the building. The original electrical services were installed in 1938. The service needs to be enlarged to accommodate existing equipment and allow for future needs. The existing fire alarm system is not adequate for the building and is not tied into the rest of the campus. Damage to the ceiling from numerous leaks is evident in several places. The moisture from the leaks is starting to affect the structural integrity of some of the support braces and the plaster on the ceiling and walls.

The project is to:

1 Abate all of the asbestos in the building to allow repairs and to provide an asbestos free environment for students and staff. Abatement of the asbestos in the attic space will require the area to be reinsulated because all of the existing insulation is contaminated and must be removed to allow the work to proceed;

2 Replace the old, inefficient, boiler with smaller, more efficient, boilers to provide for better energy management and have a back-up heating system in the event there is a problem with one of the boilers. Replace all of the AHUs, ductwork, piping, and valves associated with the system. In addition, new controls for the system will tie in with the district computerized monitoring system and greatly increase efficiency. Structural reinforcements will be installed in the attic to support the AHU replacement. The heat conversion will change the system from steam to hot water;
3 The electrical upgrade will involve contracting with the utility company to construct a new transformer design to provide new service. The utility company costs have been incorporated into the estimate. Electrical panels as well as most of the existing wiring will be replaced;
4 The fire alarm system will be upgraded and tied into the rest of the campus system;
5 A new access to the attic will be constructed;
6 Repairs to the damaged ceiling will be completed.

Miami/Yoder 60JT ~ New Jr/Sr High School – Phase 1

Miami-Yoder 60JT is proposing the construction of a 32,341 sf High School facility which would house 6 classrooms, 1 computer lab, 1 special needs classroom, 1 combination science and lab classroom, secondary administration offices for principal, counselor, reception, nurse's station, teacher's work room, a small conference center, a multi-purpose use cafeteria/commons, a gymnasium, and a male and female locker room complex.

Miami-Yoder 60JT secondary classroom facilities currently are located in very old modulars which are in poor condition. The modulars have high risk elements, including mold and fungi, major structural hazards, threatening electrical, HVAC, boiler, plumbing, air quality hazards, and potable water hazards.

Due to limited funds, partial funding is recommended so the district can get started with the project which will require a phased approach.

PROJECT DATA				REQUEST				
State Rank Using PPAV and Bonded Debt	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Approved by the State Board for Funding from SCHOOL CONSTRUCTION AND RENOVATION FUND	Amount Approved by the State Board for Funding from the SCHOOL CONSTRUCTION AND RENOVATION FUND
1	Conejos	Sanford 6J	Entry Door Security & ADA Upgrade	$ 49,274.00	$ 45,825.00	$ 3,449.00	yes	$ 45,825.00
1	Conejos	Sanford 6J	Exterior Concrete Removal and Installation	$ 44,018.00	$ 40,937.00	$ 3,081.00	yes	$ 40,937.00
2	Conejos	North Conejos Re-1J	Districtwide ADA Upgrades	$ 242,000.00	$ 234,740.00	$ 7,260.00	Partial	$ 50,000.00
5	El Paso	Edison 54 JT	ES Classroom & Kitchen /Cafeteria Addition (Supplemental)	$ 2,424,286.00	$ 2,036,400.00	$ 387,886.00	yes	$ 2,036,400.00
6	Otero	Manzanola 3J	Jr/Sr HS Partial Roof Replacement	$ 175,653.00	$ 151,062.00	$ 24,591.00	denied	$ -
7	El Paso	Ellicott 22	HVAC Improvements at Music Room (Supplemental)	$ 99,409.00	$ 94,439.00	$ 4,970.00	yes	$ 94,439.00
8	El Paso	Widefield 3	Boiler Room and Tunnel Asbestos Abatement	$ 2,673,000.00	$ 2,432,430.00	$ 240,570.00	Partial	$ 1,200,000.00
9	El Paso	Frontier Charter Academy (Calhan RJ-1)	Purchase Property and Building/Building Addition	$ 1,346,890.00	$ 902,416.00	$ 444,474.00	denied	$ -
9	El Paso	Calhan RJ-1	IAQ and Energy Efficiency Project	$ 2,145,896.00	$ 1,824,012.00	$ 321,884.00	denied	$ -
11	Otero	Swink 33	Classroom Addition	$ 2,312,750.00	$ 1,618,925.00	$ 693,825.00	denied	$ -
12	Otero	East Otero R-1	PS Roof Replacement	$ 505,522.00	$ 465,080.00	$ 40,442.00	yes	$ 465,080.00
12	Otero	East Otero R-1	Roofing - High School	$ 187,655.00	$ 172,643.00	$ 15,012.00	denied	$ -
12	Otero	East Otero R-1	PS Roof Replacement	$ 42,900.00	$ 39,468.00	$ 3,432.00	denied	$ -
12	Otero	East Otero R-1	Maintenance and Transportation Bldg Replacement	$ 220,040.00	$ 202,437.00	$ 17,603.00	denied	$ -

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12	Otero	East Otero R-1	IS Roof Replacement	$ 74,426.00	$ 68,472.00	$ 5,954.00	denied	$ -
13	Washington	Lone Star 101	Window and Door Replacement	$ 59,015.00	$ 48,392.00	$ 10,623.00	yes	$ 48,392.00
14	Prowers	Granada Re-1	HVAC Control Upgrade (Supplemental)	$ 113,300.00	$ 91,773.00	$ 21,527.00	denied	$ -
16	Logan	Buffalo Re-4	'New ES (Phase 1)	$ 4,659,958.00	$ 3,774,566.00	$ 885,392.00	Partial	$ 3,500,000.00
16	Logan	Buffalo Re-4	ES Roof Replacement & HVAC Repair	$ 258,500.00	$ 209,385.00	$ 49,115.00	denied	$ -
16	Logan	Buffalo Re-4	HS Renovation	$ 2,282,500.00	$ 1,848,825.00	$ 433,675.00	denied	$ -
17	Rio Grande	Monte Vista C-8	ES Misc Upgrades to Elect, HVAC, ACM Abatement, Fire Alarm	$ 1,246,201.00	$ 1,084,195.00	$ 162,006.00	Partial	$ 782,310.90
19	El Paso	Miami/Yoder 60 JT	New Jr/Sr HS-Phase 1	$ 7,827,369.00	$ 5,870,527.00	$ 1,956,842.00	Partial	$ 2,000,000.00
20	Pueblo	Pueblo City 60	Fire Alarm and Security Upgrades	$ 1,997,600.00	$ 1,757,888.00	$ 239,712.00	NA	$ -
21	Alamosa	Alamosa Re-11J	ES Roof Project (Supplemental)	$ 187,790.00	$ 163,377.00	$ 24,413.00	NA	$ -
22	El Paso	Falcon 49	MS Health & Safety Renovation	$ 768,372.00	$ 468,707.00	$ 299,665.00	NA	$ -
24	Fremont	Canon City Re-1	MS HVAC Project	$ 815,516.00	$ 701,344.00	$ 114,172.00	NA	$ -
25	Charter Institut	Pinnacle Charter Middle School (Adams 12)	Electrical Upgrades	$ 70,400.00	$ 60,544.00	$ 9,856.00	NA	$ -
25	Adams	Stargate Charter School (Adams 12)	Classroom Addition	$ 3,072,072.00	$ 798,739.00	$ 2,273,333.00	NA	$ -

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26	Prowers	Wiley Re-13 JT	Exterior Door and Window Replacement	$ 97,020.00	$ 73,735.00	$ 23,285.00	NA	$ -
29	El Paso	Harrison 2	HS Boiler Replacement	$ 360,415.00	$ 288,332.00	$ 72,083.00	NA	$ -
29	El Paso	James Irwin Charter High School (Harrison 2)	HS Roof Replacement	$ 343,200.00	$ 288,288.00	$ 54,912.00	NA	$ -
29	El Paso	James Irwin Charter Middle School (Harrison 2)	HVAC RTU Replacements	$ 350,226.00	$ 294,190.00	$ 56,036.00	NA	$ -
29	El Paso	Harrison 2	MS Fire Alarm Replacement	$ 173,500.00	$ 138,800.00	$ 34,700.00	NA	$ -
29	El Paso	James Irwin Charter Elementary School (Harrison 2)	ES Fire Alarm Project	$ 249,900.00	$ 209,916.00	$ 39,984.00	NA	$ -
29	El Paso	Harrison 2	Ed Center Intercom	$ 85,400.00	$ 65,758.00	$ 19,642.00	NA	$ -
30	Elbert	Big Sandy 100J	District Security, Asbestos Abatement, Bathroom Renovation	$ 317,554.00	$ 231,814.00	$ 85,740.00	NA	$ -
31	Adams	Strasburg 31J	Remodel HS	$ 1,253,395.00	$ 1,052,852.00	$ 200,543.00	NA	$ -
32	El Paso	Peyton 23 JT	ES Boiler Replacement	$ 90,200.00	$ 74,866.00	$ 15,334.00	NA	$ -
33	Weld	Union Colony Preparatory School (Greeley 6)	School Renovation	$ 4,593,942.00	$ 459,394.00	$ 4,134,548.00	NA	$ -
34	El Paso	The Classical Academy Charter (Academy 20)	HVAC Renovation	$ 1,115,000.00	$ 925,450.00	$ 189,550.00	NA	$ -
35	Elbert	Elizabeth C-1	MS Roof Replacement	$ 258,390.00	$ 214,464.00	$ 43,926.00	NA	$ -
35	Elbert	Elizabeth C-1	Districtwide Energy Upgrades	$ 1,400,229.00	$ 1,162,190.00	$ 238,039.00	NA	$ -

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35	Elbert	Elizabeth C-1	Elementry Security/ Climate Control	$ 1,492,336.00	$ 1,238,639.00	$ 253,697.00	NA	$ -
37	Kit Carson	Stratton R-4	Roof and HVAC Upgrades	$ 620,783.00	$ 446,963.76	$ 173,819.24	NA	$ -
39	Logan	Valley Re-1	Jr/Sr HS Asbestos Abatement	$ 80,556.00	$ 65,250.00	$ 15,306.00	NA	$ -
40	Phillips	Holyoke Re-1J	Jr/Sr HS HVAC Upgrades (Supplemental)	$ 723,975.00	$ 586,420.00	$ 137,555.00	NA	$ -
41	Adams	Westminster 50	Clear Lake MS Roof Replacement	$ 1,567,054.00	$ 1,175,290.00	$ 391,764.00	NA	$ -
41	Adams	Westminster 50	Sherrelwood ES Boiler Pump Replacement	$ 69,177.00	$ 51,883.00	$ 17,294.00	NA	$ -
41	Adams	Westminster 50	Shaw Heights MS Boiler Pump Replacement	$ 265,749.00	$ 199,312.00	$ 66,437.00	NA	$ -
41	Adams	Westminster 50	Skyline Vista ES Roof Replacement	$ 600,772.00	$ 450,579.00	$ 150,193.00	NA	$ -
41	Adams	Westminster 50	Shaw Heights MS VAT Abatement (Phase 1)	$ 184,794.00	$ 134,900.00	$ 49,894.00	NA	$ -
41	Adams	Westminster 50	Metz ES Roof Replacement	$ 505,571.00	$ 379,178.00	$ 126,393.00	NA	$ -
41	Adams	Westminster 50	Fairview ES Roof Replacement	$ 554,815.00	$ 416,111.00	$ 138,704.00	NA	$ -
41	Adams	Westminster 50	Sunset Ridge ES Roof Replacement	$ 518,109.00	$ 388,582.00	$ 129,527.00	NA	$ -
43	Prowers	Lamar Re-2	(3) ES Electrical Upgrades	$ 999,876.00	$ 749,907.00	$ 249,969.00	NA	$ -
44	Elbert	Elbert 200	Fire Alarm and Entry (Security) Upgrades	$ 121,259.00	$ 84,881.00	$ 36,378.00	NA	$ -

PROJECT DATA				REQUEST				
State Rank Using PPAV and Bonded Debt	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Approved by the State Board for Funding from SCHOOL CONSTRUCTION AND RENOVATION FUND	Amount Approved by the State Board for Funding from the SCHOOL CONSTRUCTION AND RENOVATION FUND
47	Crowley	Crowley County Re-1J	HS Asbestos Abatement (Supplemental)	$ 451,004.00	$ 311,193.00	$ 139,811.00	NA	$ -
52	El Paso	Lewis-Palmer 38	ES Addition and Renovation	$ 2,195,899.00	$ 1,712,801.00	$ 483,098.00	NA	$ -
53	Sedgwick	Julesburg Re-1	ES & Jr/Sr HS Security Upgrades	$ 63,908.00	$ 43,457.00	$ 20,451.00	NA	$ -
57	Montrose	Montrose County Re-1J	HS Quad Roof Replacement	$ 126,500.00	$ 96,140.00	$ 30,360.00	NA	$ -
57	Montrose	Montrose County Re-1J	ES South Building Roof Replacement	$ 165,000.00	$ 125,400.00	$ 39,600.00	NA	$ -
57	Montrose	Passage Charter School (Montrose County Re-1J)	New Crib Room for On-Site Day Care	$ 43,312.00	$ 32,917.00	$ 10,395.00	NA	$ -
57	Montrose	Montrose County Re-1J	MS Security System	$ 24,476.00	$ 18,602.00	$ 5,874.00	NA	$ -
57	Montrose	Montrose County Re-1J	ES Air Conditioning	$ 503,360.00	$ 382,554.00	$ 120,806.00	NA	$ -
58	Arapahoe	Byers 32J	'ES Corridor Renovation (Supplemental)	$ 196,500.00	$ 147,375.00	$ 49,125.00	NA	$ -
58	Arapahoe	Byers 32J	Exterior Door Security	$ 70,618.00	$ 52,964.00	$ 17,654.00	NA	$ -
58	Arapahoe	Byers 32J	Science Lab Hood and Chemical Storage	$ 32,650.00	$ 24,488.00	$ 8,162.00	NA	$ -
59	Morgan	Weldon Valley Re-20(J)	Historic Building & Core Area Renovation (Phase 3)	$ 1,659,674.00	$ 1,228,159.00	$ 431,515.00	NA	$ -
60	Morgan	Wiggins Re-50(J)	Music Classroom Building Renovation	$ 714,010.00	$ 514,087.00	$ 199,923.00	NA	$ -
61	Bent	Las Animas Re-1	HS HVAC Upgrades	$ 2,061,377.00	$ 1,525,419.00	$ 535,958.00	NA	$ -
62	Phillips	Haxtun Re-2J	Boiler Replacement	$ 229,598.00	$ 156,127.00	$ 73,471.00	NA	$ -

PROJECT DATA				REQUEST				
State Rank Using PPAV and Bonded Debt	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Approved by the State Board for Funding from SCHOOL CONSTRUCTION AND RENOVATION FUND	Amount Approved by the State Board for Funding from the SCHOOL CONSTRUCTION AND RENOVATION FUND
64	Adams	Bennett 29J	Middle School Roof Project	$ 440,000.00	$ 325,600.00	$ 114,400.00	NA	$ -
68	El Paso	Cheyenne Mountain Charter Academy (Cheyenne Mountain 12)	Roofs, Security, Lighting, Fire Alarm, Misc Project	$ 1,165,501.00	$ 652,681.00	$ 512,820.00	NA	$ -
70	Elbert	Kiowa C-2	Districtwide Security Upgrades	$ 202,730.00	$ 141,911.00	$ 60,819.00	NA	$ -
71	Montezuma	Southwest Open Charter Schoo (Montezuma-Cortez Re-1)	Modular Replacement	$ 684,877.00	$ 417,775.00	$ 267,102.00	NA	$ -
71	Montezuma	Montezuma-Cortez Re-1	HS Fire Sprinkler & Fire Notification System Upgrade	$ 813,385.00	$ 504,299.00	$ 309,086.00	NA	$ -
71	Montezuma	Montezuma-Cortez Re-1	HS Heat Deck Replacement	$ 151,447.00	$ 93,897.00	$ 57,550.00	NA	$ -
71	Montezuma	Montezuma-Cortez Re-1	Multiple Facility Card Lock Entry System	$ 90,200.00	$ 55,022.00	$ 35,178.00	NA	$ -
71	Montezuma	Montezuma-Cortez Re-1	Transportation Shop Underground Fuel Tank Removal	$ 32,275.00	$ 19,365.00	$ 12,910.00	NA	$ -
72	Washington	Akron R-1	HS Boiler Replacement	$ 111,100.00	$ 67,771.00	$ 43,329.00	NA	$ -
73	Arapahoe	Littleton Academy (Littleton 6)	Sewer Line Repair	$ 13,970.00	$ 9,779.00	$ 4,191.00	NA	$ -
76	El Paso	CIVA Charter School (Colorado Springs 11)	New Roof	$ 316,200.00	$ 218,178.00	$ 98,022.00	NA	$ -
76	El Paso	CIVA Charter School (Colorado Springs 11)	Sidewalk/Fencing	$ 33,833.00	$ 23,006.00	$ 10,827.00	NA	$ -
77	Kit Carson	Burlington Re-6J	MS Intercom System	$ 37,613.00	$ 26,329.00	$ 11,284.00	NA	$ -
78	Saguache	Moffat 2	Office Renovation for Security	$ 77,873.00	$ 53,732.00	$ 24,141.00	NA	$ -

PROJECT DATA				REQUEST				
State Rank Using PPAV and Bonded Debt	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Approved by the State Board for Funding from SCHOOL CONSTRUCTION AND RENOVATION FUND	Amount Approved by the State Board for Funding from the SCHOOL CONSTRUCTION AND RENOVATION FUND
78	Saguache	Moffat 2	Door Lock Re-Keying	$ 20,350.00	$ 14,042.00	$ 6,308.00	NA	$ -
79	Larimer	Thompson R-2J	MS Addition for Special Needs Education	$ 390,814.00	$ 62,530.00	$ 328,284.00	NA	$ -
80	Weld	Eaton Re-2	ES HVAC Replacement	$ 1,507,000.00	$ 1,009,690.00	$ 497,310.00	NA	$ -
80	Weld	Eaton Re-2	(2) ES Entry Modifications for Security	$ 62,770.00	$ 41,428.00	$ 21,342.00	NA	$ -
82	Lake	Lake County R-1	ES Roof Repair (Supplemental)	$ 49,615.00	$ 33,738.00	$ 15,877.00	NA	$ -
82	Lake	Lake County R-1	MS Stair Replacement	$ 51,920.00	$ 35,306.00	$ 16,614.00	NA	$ -
83	Jefferson	Woodrow Wilson Charter Academy (Jefferson R-1)	Boiler Replacement	$ 10,010.00	$ 6,807.00	$ 3,203.00	NA	$ -
83	Jefferson	Compass Montessori-Wheat Ridge Charter School (Jefferson R-1)	Demo Storage Shed	$ 27,500.00	$ 18,700.00	$ 8,800.00	NA	$ -
83	Jefferson	Woodrow Wilson Charter Academy (Jefferson R-1)	HVAC Upgrades	$ 58,960.00	$ 40,093.00	$ 18,867.00	NA	$ -
83	Jefferson	Compass Montessori-Wheat Ridge Charter School (Jefferson R-1)	Security and Energy Efficiency Project	$ 33,770.00	$ 22,964.00	$ 10,806.00	NA	$ -
83	Jefferson	Woodrow Wilson Charter Academy (Jefferson R-1)	Correct Drainage Problems	$ 24,200.00	$ 16,456.00	$ 7,744.00	NA	$ -
90	Adams	Mapleton 1	ES Roof Replacement	$ 1,611,824.00	$ 950,976.00	$ 660,848.00	NA	$ -
90	Adams	Mapleton 1	Fire Alarm Replacements	$ 466,025.00	$ 274,955.00	$ 191,070.00	NA	$ -
90	Adams	Mapleton 1	ES Roof Replacement	$ 475,937.00	$ 280,803.00	$ 195,134.00	NA	$ -

PROJECT DATA				REQUEST				
State Rank Using PPAV and Bonded Debt	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Approved by the State Board for Funding from SCHOOL CONSTRUCTION AND RENOVATION FUND	Amount Approved by the State Board for Funding from the SCHOOL CONSTRUCTION AND RENOVATION FUND
91	Arapahoe	Sheridan 2	ES ADA Elevator	$ 242,364.00	$ 147,842.00	$ 94,522.00	NA	$ -
91	Arapahoe	Sheridan 2	HS Code Upgrade-Additional Egress	$ 148,438.00	$ 90,547.00	$ 57,891.00	NA	$ -
94	Kit Carson	Arriba-Flagler C-20	IAQ / Energy Efficiency Project	$ 1,582,900.00	$ 997,227.00	$ 585,673.00	NA	$ -
97	Kiowa	Eads Re-1	Security Upgrades-Intercom, Locks, Cameras	$ 19,142.00	$ 9,571.00	$ 9,571.00	NA	$ -
105	Huerfano	La Veta Re-2	Radon Mitigation, Fire Alarm Upgrade, HVAC Project	$ 1,587,781.00	$ 746,257.00	$ 841,524.00	NA	$ -
110	Morgan	Brush Re-2(J)	Energy Conservation Project	$ 1,584,007.00	$ 728,643.00	$ 855,364.00	NA	$ -
112	Yuma	Yuma 1	HS Roof Replacement	$ 737,682.00	$ 339,334.00	$ 398,348.00	NA	$ -
113	Sedgwick	Platte Valley Re-3	Jr/Sr HS Roof Replacement	$ 76,219.00	$ 27,439.00	$ 48,780.00	NA	$ -
114	Weld	Weld County S/D Re-8	MS Fire Sprinkler Repairs & Upgrades (Supplemental)	$ 50,710.00	$ 20,284.00	$ 30,426.00	NA	$ -
115	Costilla	Sierra Grande R-30	New PS	$ 521,654.00	$ 78,248.00	$ 443,406.00	NA	$ -
116	Logan	Plateau Re-5	New PS (Supplemental)	$ 61,675.00	$ 26,520.00	$ 35,155.00	NA	$ -
116	Logan	Plateau Re-5	Cafeteria Renovation and Expansion (Supplemental)	$ 67,903.00	$ 29,198.00	$ 38,705.00	NA	$ -
118	Chaffee	Salida R-32	New Early Childhood Learning Center	$ 1,596,972.00	$ 303,425.00	$ 1,293,547.00	NA	$ -
119	Archuleta	Archuleta County 50 JT	Jr HS HVAC Controls Replacement	$ 35,200.00	$ 11,616.00	$ 23,584.00	NA	$ -

PROJECT DATA				REQUEST				
State Rank Using PPAV and Bonded Debt	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Approved by the State Board for Funding from SCHOOL CONSTRUCTION AND RENOVATION FUND	Amount Approved by the State Board for Funding from the SCHOOL CONSTRUCTION AND RENOVATION FUND
119	Archuleta	Archuleta County 50 JT	IS ADA Ramps	$ 17,600.00	$ 5,808.00	$ 11,792.00	NA	$ -
119	Archuleta	Archuleta County 50 JT	Maintenance and Transportation Roof Modifications	$ 33,000.00	$ 10,890.00	$ 22,110.00	NA	$ -
134	Grand	West Grand 1-JT	HS Roof (Supplemental)	$ 548,950.00	$ 120,769.00	$ 428,181.00	NA	$ -
142	Moffat	Moffat County Re-1	Roof Replacement at (2) Schools	$ 1,379,008.00	$ 96,531.00	$ 1,282,477.00	NA	$ -
161	Washington	Arickaree R-2	Kitchen Floor Repair	$ 28,050.00	$ 19,074.00	$ 8,976.00	NA	$ -
			TOTALS:	**$ 82,714,349**	**$ 54,654,232**	**$ 28,060,117**		**$ 10,263,383.90**

CYCLE 8 / FY2007 - 08 PROJECTS THAT WERE DENIED OR SKIPPED FROM THE SCHOOL CONSTRUCTION AND RENOVATION FUND

State Rank Using PPAV and Bonded Debt	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Reason for Denial
6	Otero	Manzanola 3J	Jr/Sr HS Partial Roof Replacement	$ 175,653.00	$ 151,062.00	$ 24,591.00	Manzanola 3J currently has a grant for an HVAC Project which they have not started. They would not be able to start the roof replacement until after the roof portion of the HVAC project is completed. This project was denied because there are other districts that could use the funding immediately. The district should complete the HVAC work on the old roof to avoid cutting/patching holes in a new roof.
9	El Paso	Frontier Charter Academy	Purchase Property and Building/Building Addition	$ 1,346,890.00	$ 902,416.00	$ 444,474.00	This project was denied due to lack of funding and the poor ranking of the project. Typically, purchasing property isn't funded.
9	El Paso	Calhan RJ-1	IAQ and Energy Efficiency Project	$ 2,145,896.00	$ 1,824,012.00	$ 321,884.00	This project was denied due to lack of funding and the poor ranking of the project. The main scope of this project is to replace old or outdated equipment, not broken or worn out equipment. There are other districts with needier issues. This project is part of a performance contract and it is being recommended that they reapply next cycle to include the pieces of the performance contract that don't save the district money, while using the portions that guarantee a pay back for an in-kind match.

CYCLE 8 / FY2007 - 08 PROJECTS THAT WERE DENIED OR SKIPPED FROM THE SCHOOL CONSTRUCTION AND RENOVATION FUND

State Rank Using PPAV and Bonded Debt	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Reason for Denial
11	Otero	Swink 33	Classroom Addition	$ 2,312,750.00	$ 1,618,925.00	$ 693,825.00	This project was denied due to lack of funding and the poor ranking of the project. The scope of this project is moving students from modular's to "brick and mortar" classrooms, which is considered improving the learning environment. There are needier projects addressing immediate health and safety needs.
12	Otero	East Otero R-1	Roofing - High School	$ 187,655.00	$ 172,643.00	$ 15,012.00	Of the five East Otero projects only one was recommended. This is partially due to lack of funding and partially so the district can execute a facility master plan in order to better determine what the districts actual needs are. Once properly assessed the district will be able to better determine their critical issues.
12	Otero	East Otero R-1	PS Roof Replacement	$ 42,900.00	$ 39,468.00	$ 3,432.00	Of the five East Otero projects only one was recommended. This is partially due to lack of funding and partially so the district can execute a facility master plan in order to better determine what the districts actual needs are. Once properly assessed the district will be able to better determine their critical issues.

CYCLE 8 / FY2007 - 08 PROJECTS THAT WERE DENIED OR SKIPPED FROM THE SCHOOL CONSTRUCTION AND RENOVATION FUND

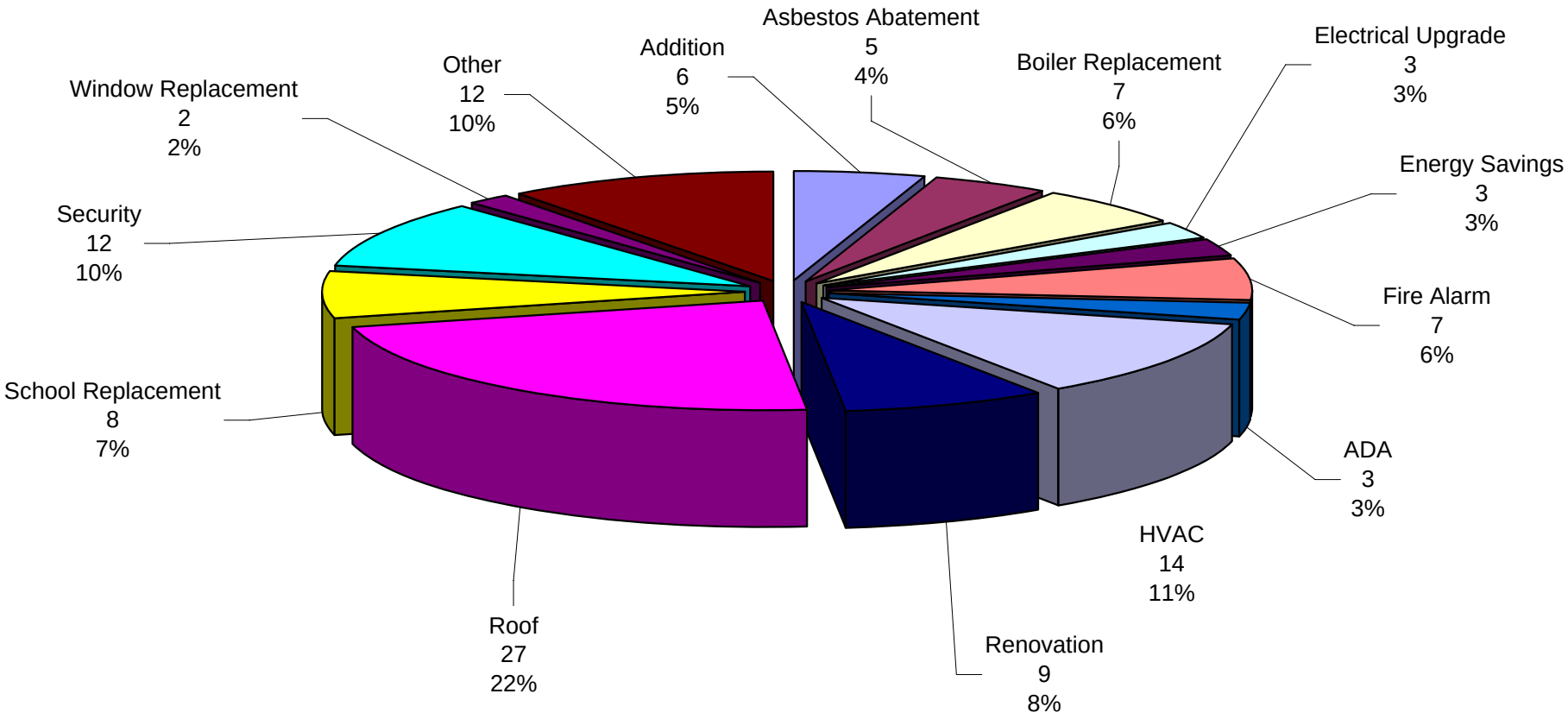
State Rank Using PPAV and Bonded Debt	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Reason for Denial
12	Otero	East Otero R-1	Maintenance and Transportation Bldg Replacement	$ 220,040.00	$ 202,437.00	$ 17,603.00	Of the five East Otero projects only one was recommended. This is partially due to lack of funding and partially so the district can execute a facility master plan in order to better determine what the districts actual needs are. Once properly assessed the district will be able to better determine their critical issues.
12	Otero	East Otero R-1	IS Roof Replacement	$ 74,426.00	$ 68,472.00	$ 5,954.00	Of the five East Otero projects only one was recommended. This is partially due to lack of funding and partially so the district can execute a facility master plan in order to better determine what the districts actual needs are. Once properly assessed the district will be able to better determine their critical issues.
14	Prowers	Granada Re-1	HVAC Control Upgrade (Supplemental)	$ 113,300.00	$ 91,773.00	$ 21,527.00	This project was denied due to concern about supplementing $113,300 for an original grant amount of $52,800. The district wasn't properly prepared for this project to begin with and should have not missed their budget by 100%. The district is being advised to seek professional help to develop the scope and cost for the project, and then resubmit it next year.

CYCLE 8 / FY2007 - 08 PROJECTS THAT WERE DENIED OR SKIPPED FROM THE SCHOOL CONSTRUCTION AND RENOVATION FUND

State Rank Using PPAV and Bonded Debt	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Reason for Denial
16	Logan	Buffalo Re-4	ES Roof Replacement & HVAC Repair	$ 258,500.00	$ 209,385.00	$ 49,115.00	Buffalo Re-4 applied for three different projects, the ES Roof Replacement & HVAC Repair, HS Renovation, and a New ES. This project, per the district's request, was to be looked at if the New ES project was denied. Since the New ES project is being recommended for approval there is no need to fund this project.
16	Logan	Buffalo Re-4	HS Renovation	$ 2,282,500.00	$ 1,848,825.00	$ 433,675.00	A new ES project is recommended for approval. This project would occur after the ES addition. The district has plenty of construction to address with the new ES. This project was denied so that other needy projects can be addressed which would use the funding immediately. Additionally, more detailed scope must be provided to properly evaluate this project.

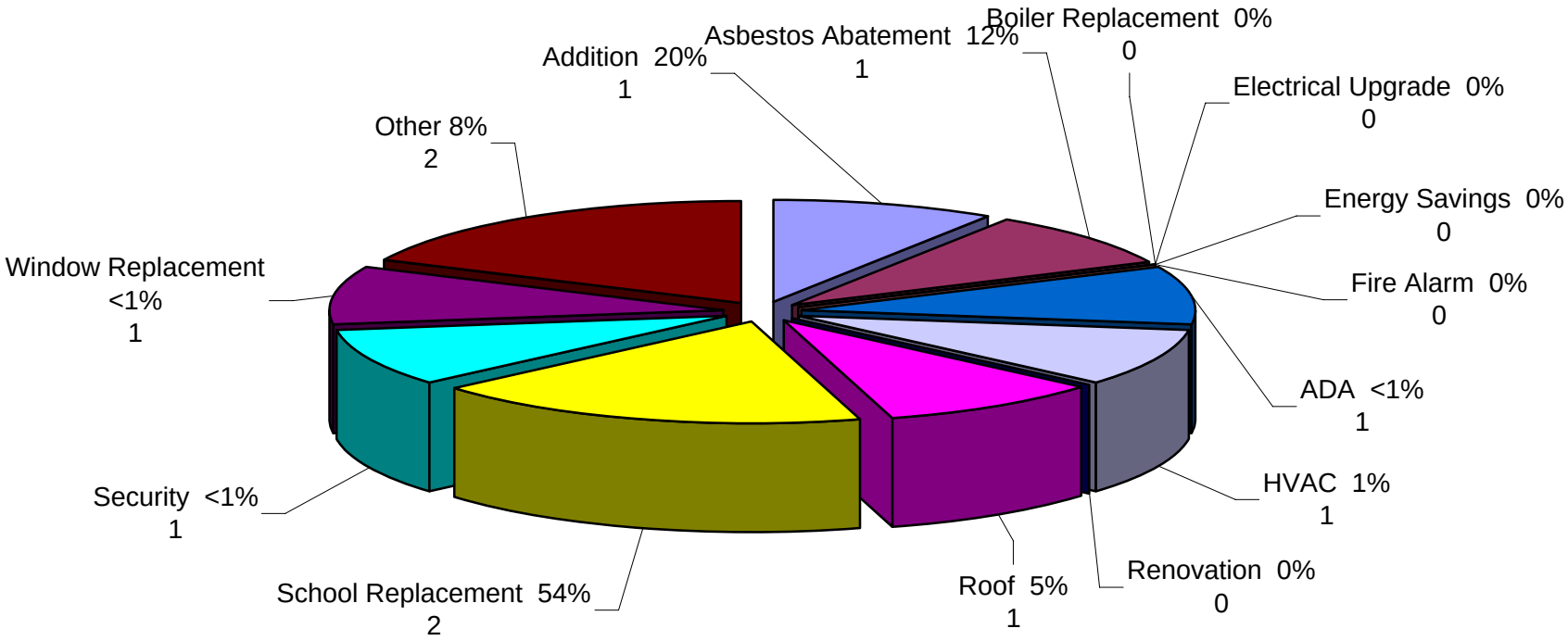
Cycle 8 / FY2007-08 School Construction & Renovation Fund Applications

(Project Type, # of Applications, % of Total Number of Applications)



Cycle 8 / FY2007-08 School Construction & Renovation Fund
State Board Approvals

(Project Type, % of Total Dollar Amount of Projects Applied for, # of Projects Approved,)



COLORADO DEPARTMENT OF EDUCATION

201 East Colfax Avenue • Denver, Colorado 80203-1704
303.866.6600 • www.cde.state.co.us

William J. Moloney
Commissioner of Education

November 14, 2006

Capital Development Committee
200 E. Colfax, Room 271
Denver, CO 80203

Capital Development Committee:

The 2006 General Assembly appropriated $19,250,000 to the School Construction and Renovation fund for FY2005-06 and $7,500,000 for FY2006-07. Additionally, spending authority was provided for $437,602 of School Construction and Renovation Fund monies not used on previously awarded projects that were completed under budget. Pursuant to 22-43.7-105, C.R.S., *"…The state board shall submit a list of school districts and charter schools recommended to receive matching grants for capital construction projects, along with the amount of each grant and the amount of the school district or charter school match, to the capital development committee of the general assembly no later than August 16 of the fiscal year for which financial assistance is being sought. The capital development committee shall determine the number of capital construction projects on the list that may receive matching grants from moneys available in the construction and renovation fund before September 15 of the same fiscal year. Only capital construction projects on the prioritized list may receive matching grants from the construction and renovation fund, and the capital construction projects shall be funded in the priority determined by the state board. If the capital development committee does not make a determination on the list before September 15, the list shall be deemed approved as submitted and the state board may order payment of all matching grants on the list."* The 2006 General Assembly waived the timelines for the FY2006-06 appropriation. At the August 31, 2006 Capital Development Committee (CDC) meeting the CDC approved for projects from the FY2006-07 appropriation totaling $7,500,000 and projects from the FY2005-06 appropriation totaling $12,595,883. There is a balance of $7,091,719 remaining from the FY2005-06 appropriation.

Attached is a prioritized list of capital construction projects under review by the State Board. Also attached is a summary description of each recommended project, a prioritized list of all applications, a summary of why certain projects were not selected, and a summary of the types of projects approved.

The State Board will not take action on the attached lists of projects until December 14, 2006. The attached list of projects being considered for award from the "School Construction and Renovation Fund" has been submitted to the CDC for information with the stipulation that:

- **The State Board has not approved the projects;**
- **The State Board retains their authority to review and approve the projects prior to CDC action;**
- **State Board action may change the final list submitted to the CDC.**

The CDC will be notified on December 14th, after State Board action, if any changes were made to the prioritized list and what those changes were, so the CDC may consider a final, State Board approved list at their December 15, 2006 meeting.

Please contact me with any questions or concerns.

Thank you,

Vody Herrmann
Colorado Department of Education
Director Public School Finance
Voice 303 866-6845
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CYCLE 7 ROUND 2/FY2006-07 - PROJECTS BEFORE THE STATE BOARD FOR APPROVAL FROM THE SCHOOL CONSTRUCTION AND RENOVATION FUND / FY2005-06 FUNDS

PROJECT DATA					REQUEST			RECOMMENDATIONS		
Project Rank	State Rank Using PPAV and Bonded Debt	County	District	Project	Total Project Cost	Current Request	Current District Contribution	RECOMMENDED GRANT AWARD AMOUNT	RECOMMENDED DISTRICT CONTRIBUTION	Notes
1.5	22	Alamosa	Alamosa Re-11J	Polston Primary Roof Repairs	$ 594,660.00	$ 523,300.80	$ 71,359.20	$ 523,300.80	$ 71,359.20	
1.5	22	Alamosa	Alamosa Re-11J	Evans Elementary Roof Repairs	$ 821,150.00	$ 722,612.00	$ 98,538.00	$ 722,612.00	$ 98,538.00	
2.4	33	Bent	Mc Clave Re-2	McClave High School Bathroom	$ 176,000.00	$ 128,480.00	$ 47,520.00	$ 128,480.00	$ 47,520.00	
1.9	1	Conejos	Sanford 6J	Intercom System	$ 33,012.00	$ 30,371.04	$ 2,640.96	$ 30,371.04	$ 2,640.96	The Capital Construction Advisory Committee recommends that the district consider a phone system, instead of an intercom system.
1.9	1	Conejos	Sanford 6J	Interior Door Replacement	$ 49,500.00	$ 45,540.00	$ 3,960.00	$ 45,540.00	$ 3,960.00	
1.9	51	Delta	Delta County 50-J	Garnet Mesa Elementary Reconstruction (2ndReq)	$ 3,014,962.00	$ 2,321,520.74	$ 693,441.26	$ 2,321,520.74	$ 693,441.26	
2.35	5	El Paso	Ellicott 22	Welding Hoods, Exhaust, and Repairs at Vo-Tech	$ 45,436.00	$ 43,618.56	$ 1,817.44	$ 43,618.56	$ 1,817.44	
1.5	41	El Paso	The Classical Academy Charter School (TCA)	TCA Central Campus Roof Renovation	$ 178,998.00	$ 146,778.36	$ 32,219.64	$ 146,778.36	$ 32,219.64	
2.03	26	Elbert	Big Sandy 100J	Doors and Windows	$ 267,135.00	$ 186,994.50	$ 80,140.50	$ 186,994.50	$ 80,140.50	
1.9	43	Elbert	Elbert 200	Telephone Communication Safety Upgrade	$ 11,645.00	$ 8,267.95	$ 3,377.05	$ 8,267.95	$ 3,377.05	
2.4	43	Elbert	Elbert 200	Building Damage, Student Safety & Energy Efficiency	$ 90,982.00	$ 64,597.22	$ 26,384.78	$ 64,597.22	$ 26,384.78	
1.5	35	Elbert	Elizabeth C-1	Running Creek Elementary Roof Repairs	$ 445,500.00	$ 369,765.00	$ 75,735.00	$ 369,765.00	$ 75,735.00	
2.2	31	Logan	Frenchman Re-3	Fleming Asbestos Abatement Project 2	$ 93,431.00	$ 69,138.94	$ 24,292.06	$ 69,138.94	$ 24,292.06	
1.5	34	Logan	Valley Re-1	Sterling High School Roofing Project	$ 450,036.00	$ 328,526.28	$ 121,509.72	$ 7,239.17	$ 2,677.50	Partial - Balance of $321,287.11 award and $118,832.22 match recommended as back-up.
1.5	34	Logan	Valley Re-1	Sterling Middle School Roof Replacement	$ 714,815.00	$ 521,814.95	$ 193,000.05	$ 521,814.95	$ 193,000.05	
2.8	54	Montrose	Montrose County Re-1J	Centennial Middle School Lighting Upgrade	$ 76,884.00	$ 60,738.36	$ 16,145.64	$ 60,738.36	$ 16,145.64	
2.2	9	Otero	East Otero R-1	MS, ECLS, IS-HVAC & Control Replacement	$ 265,744.00	$ 247,141.92	$ 18,602.08	$ 247,141.92	$ 18,602.08	
1.45	8	Otero	Manzanola 3J	Manzanola High School HVAC	$ 763,584.00	$ 641,410.56	$ 122,173.44	$ 641,410.56	$ 122,173.44	
2.2	40	Phillips	Holyoke Re-1J	ES IAQ & Misc Renovations	$ 159,895.00	$ 127,916.00	$ 31,979.00	$ 127,916.00	$ 31,979.00	
2.35	13	Rio Grande	Monte Vista C-8	HS/Admin/DELTA Center Elec upgrade & Window Replace	$ 644,606.00	$ 573,699.34	$ 70,906.66	$ 573,699.34	$ 70,906.66	
2.3	14	Saguache	Center 26 JT	Toilet Room and ADA upgrades	$ 75,161.00	$ 60,880.41	$ 14,280.59	$ 60,880.41	$ 14,280.59	
2.5	14	Saguache	Center 26 JT	Hallway Doors Hardware upgrades	$ 23,883.00	$ 19,345.23	$ 4,537.77	$ 19,345.23	$ 4,537.77	
2.5	14	Saguache	Center 26 JT	New Elementary School Windows	$ 210,553.00	$ 170,547.93	$ 40,005.07	$ 170,547.93	$ 40,005.07	
				TOTALS:	**$ 9,207,572.00**	**$ 7,413,006.09**	**$ 1,794,565.91**	**$ 7,091,718.98**		

Previously Approved by the State Board and the CDC from Cycle 7 / Round 1	$ 12,595,883.02
Total	$ 19,687,602.00
Total Appropriated, including $437,602 spending authority for unused previously awarded School Construction and Renovation Funds	$ 19,687,602.00

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 - ROUND 2

Descriptions of Projects Recommended for Funding from the Remaining FY2005-06 *School Construction and Renovation Fund*

Alamosa Re-11J ~ Polston Primary Roof Repairs
The existing roofing consists of approximately 25,000 square feet of 17-year old fully adhered EPDM retrofit roofing and 5,800 square feet of 25-year old ballasted EPDM roofing. The fully adhered EPDM retrofit roofing system is installed over an existing built-up roofing system. There is also wood shake roofing along the perimeters of the EPDM roofing.

The school is having numerous leak problems. The problems are due to the roofing systems age. The roof displays open membrane seams, open flashing seams, membrane shrinkage, flashing tenting, small tears in field membrane and penetration flashings are failing. In addition to the problems associated with water damage to the structure it is also taking away from the learning environment and is a safety concern for the children and staff.

The roofing system has passed the end of it's functional life as it relates to EPDM. It is assumed that the built-up roofing system below the EPDM is holding moisture which has the possibility to cause decking and mold problems. The district has provided numerous repairs to the roofing system over the last 10 years to try to stop the water from entering the structure. The existing wood shake roofing is also in complete failure.

The Capital Construction Roofing Project would involve complete removal of the entire 31,000 square foot EPDM roofing system at Polston Primary School. The project would include removal of both existing roofing systems to the structural decking. The new specified Class A, UL Listed low slope roofing system proposed includes ¼"/ft tapered polyisocyanurate board insulation and a ½" coverboard. The roof membrane would consist of a high performance base sheet and 3 plies of Type IV roofing felts in Type III asphalt. The membrane would receive a flood coat of modified SBS asphalt and gravel surfacing. All flashings and flashing metal details are included. All wood shake shingles would be replaced with a metal panel system.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 - ROUND 2

Descriptions of Projects Recommended for Funding from the Remaining FY2005-06 *School Construction and Renovation Fund*

Alamosa Re-11J ~ Evans Elementary Roof Repairs
The roofing consists of approximately 22,500 square feet of 25-year old Terra Cotta style 26-gauge metal roofing panels, 5,000 square feet of 30-year old corrugated low slope metal roof panel and 1,500 square feet of 15-year old TPO single ply thermoplastic roof membrane.

The school is having numerous leak problems associated with the existing 25-year-old roofing system and masonry walls. In addition to the problems associated with water damage to the structure it is also taking away from the learning environment and is a safety concern for the children and staff. The roof system leaks in numerous areas but mainly areas associated with the valleys and wall flashings on the existing roofing system. The district has provided numerous repairs to the roofing system to try to stop the water from entering the structure.

The existing roof panel system has numerous fasteners that have corroded, backed-out, broke and or stripped. All the fastener gaskets have worn through. Water is believed to be getting behind valleys in metal roof system and through wall flashings. The existing TPO roofing system has reached the end of its functional life and has becoming brittle due to the loss of plasticizers in the sheet.

The above grade exterior masonry walls need to be waterproofed to preserve the integrity of the walls and stop suspected water infiltration into the walls of the structure. The school district states that the masonry has not been treated or waterproofed within the last 45 years. There is some evidence of spalling associated with moisture.

The Capital Construction Roofing Project would involve complete removal of 29, 000 square feet of existing metal and TPO roofing systems on all 8 roof sections. The project would include all engineering, architectural drawings, project management, specification development, steel slope conversion framing system and a 29,000 square feet 24-gauge standing seam metal roofing system. The project would eliminate drainage issues associated with valleys and multiple roof sections and roofing types. The new framing design will incorporate the different roof sections and levels into a single standing seam roof system. The proposed system will provide the school with a long-term solution and eliminate the cost and burden of the roof related issues.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 - ROUND 2

Descriptions of Projects Recommended for Funding from the Remaining FY2005-06 *School Construction and Renovation Fund*

The above grade exterior masonry waterproofing project will include an application of a water dispersed silane sealer on approximately 7,800 sq ft of above grade exterior masonry walls. The project would include all material, labor, scaffolding, window protection. The above solution would preserve the integrity of the masonry walls to stop all water infiltration. This system becomes hydrophobic and repels moisture absorption into the walls. Waterproofing the masonry will provide dry walls and classrooms for the remaining lifecycle of the building.

McClave Re-2 ~ McClave High School Bathroom
This bathroom is adjacent to the science lab approved for remodel in a previous capital construction grant. The problems with the current bathroom are asbestos and ADA compatibility. Additionally there is an issue of water under the slab from abandoned, collapsed, sewer mains under the slab. They need to relocate this restroom and connect it to the new septic system installed in 2003.

Sanford 6J ~ Intercom System
Due to the NCLB requirements concerning safe schools, the concerns of the district's Crisis Management Team, and the overall square footage of the building, the district has determined that an intercom system should be installed to provide a safe educational facility for all students and staff.

The district consists of four buildings, for a total of 88,158 square feet, which house a welding shop, bus garage, and preschool through 12th grades. There are four additions to the original building which was built in 1945. The additions to the 1945 structure have created a unique problem and safety issue. The maze of hallways leading to classrooms have left a great portion of the building/campus isolated and has created several exterior entrances necessary for emergency escape. This in turn has made daily communication very difficult and emergency communication nearly impossible. The district has attempted to address the issue by providing each classroom, gymnasium, spare room, computer lab and cafeteria with class rosters and hand held radios with extra batteries for emergency purposes. The district has found this to be less than sufficient when hosting mock drills. In some areas of the buildings people can not hear the emergency directions on the radios which has caused confusion in attempting to provide a safe school.

The district has requested an intercom system, but it is recommended that a phone system that can also operate as an intercom system be installed, so there is not only communication between each room in the building but also communication to the outside.

Sanford 6J ~ Interior Door Replacement

The main PK-12 building was built in 1945 and has structural impracticalities that cause concern for safety. Many classrooms are only accessible through doors with single pane glass, not safety or tempered glass, windows and skeleton keys for locks. Code requires 20 minute fire rated, self closing doors and it is impractical to safely lock a door during lock down drills. Concerns also arise with the likely hood of a student being locked inside the classroom during school, after school or even during a mock drill.

The use of doors which contain single pane windows and open into the corridors are hazardous. During the first day of school this year a students head went through one window pane and caused lacerations to her forehead.

The locking mechanisms still requiring a skeleton key to open are not only outdated, but require the door to be locked and unlocked from the inside or outside by the use of only a skeleton key. These old doors do not meet any fire-rating standards which is a concern for our local Fire Chief.

This project is to replace the old, outdated, wood doors and hardware with code and ADA compliant doors and hardware.

Delta County 50-J ~ Garnet Mesa Elementary School Classroom Wing Replacement

The 1958 & 1963 addition is outdated and must be addressed. This facility is not conducive to remodel and the district's consultants have determined that it would be more cost effective to replace this structure.

The existing classroom wing which would be replaced with a 20 classroom structure has:

- Unsafe electrical service issues;
- An old worn out roof which leaks;

- Classroom pods with no interior corridor access to the core of the building so pupils and staff must go outside to get to the gym, cafeteria, office, etc;
- Outdated and failing HVAC which creates IAQ and lack of heating issues;
- Structural problems.

The district will utilize the existing new and renovated areas of the existing facility and construct a 19,000 sf replacement of the outdated classrooms space to replace the existing 1958 and 1963 wing constructed in a post & beam fashion.

This Building would be designed slab on grade, with a 10" split face block structure and EPDM roofing materials. The mechanical system would be a minimum of 88% efficiency forced air roof top, units and one unit would control 3 rooms.

Ellicott 22 ~ Welding Hoods, Exhaust, and Repairs at Vo-Tech
The existing Vo-Tech Building provides instructional space for both metals and woodworking. The welding stations along the east and north walls of the metal shop do not have adequate ventilation. A small vent is located at each station, but does not sufficiently ventilate the station when welding takes place. Sheet metal hoods will be fabricated for each station and connected to the existing ducts. A new hood will also be provided for improved ventilation at the station used for a plasma cutter. The existing fan is located inside the building, and creates too much noise when on, which compromises the teaching effectiveness for students. This fan will be relocated outside on a stand and be placed on a concrete pad.

The Classical Academy Central Campus Roof Renovation
Part of the existing roof needs to be replaced and part will be repaired.

The existing roofs are various different types and ages. All of the original structural roof framing was designed flat with no appreciable slope to drains. One roof area has been retrofitted with tapered insulation to provide positive slope to drains. There is considerable problem with ponding of rainwater and poor flashing applications that is threatening to shorten the serviceability of all of the roofs.

The amount of ponding water is contributing to the granule loss, and will only worsen over time. Blisters were observed through the roof areas along with ridging/wrinkling of the roof membrane. In addition, a minor amount of asphalt "bleed-through" or "blueberries" of the gravel surface was observed. Also, some joint covers of the sheet metal cap are rusted.

The areas to be replaced will be replaced with a built-up roof assembly.

Big Sandy 100J ~ Doors, Windows, Boiler & Insulation
This project is to replace rusted doors and unusable or hard to use hardware on these doors. The panic bars on many of the old doors are unusable, especially by young children. Not being able to operate many of these doors by children in an emergency presents an unsafe hazard. The fire chief and many patrons to the school have requested that the doors be replaced. The hardware, panic bars, knobs and hinges are worn out. The center posts/jambs between the middle of the double doors are rusted at the bottom. If a person were to kick these doors, he/she could gain access into buildings presenting a security issue. The edges of these doors are rusted, not allowing the district to screw weather striping around the doors which presents an energy inefficient situation.

This project also is to replace approximately 215 single pane windows with more energy efficient double pane, low-e windows.

Elbert 200 ~ Telephone Communication Safety Upgrade
The District is requesting funds to upgrade the current phone system. The current phone system is the original system installed in the facility. The system has proven to be inadequate and insufficient to meet the safety and communication issues of the District. As the District has grown in student population so has the facility square footage. With these additions, the phone system was never added on to or upgraded making communication from one part of the building to the other impossible.

This project would place a phone in every classroom to not only help with communication issues, but most importantly to deal with the safety of students and staff. Based on the recommendations of the District's safety committee, the

need for a phone in every room has been evaluated and identified. The phone will not only help in the event of a lockdown, but also in aiding the efficiency of reporting emergencies. The district is in a rural, isolated, area, which relies on emergency response from neighboring areas. The timeliness of an initial report could prove to be crucial in the event of a true emergency.

Elbert 200 ~ Building Damage, Student Safety & Energy Efficiency
In the original cycle 7 application process, the district applied for funds to enclose the area between the two buildings and to add additional classroom space. In this application, the district has chosen to look at adding only the bare necessity, by just addressing the building damage, student safety, and energy efficiency issues. The existing area between the two buildings is the only access for students and staff to use to exchange classes between periods. One building houses the main elementary classrooms and is attached to the music and gym. The other building is primarily the secondary student building, which also houses the district cafeteria.

The area between the building runs North/South and with snow accumulations and wind, this area fills with snow that is next to impossible to remove for the majority of the school year. The existing exterior of the building in this area is showing signs of damage from both the lack of drainage and the use of heavy equipment between the buildings.

The safety issues, which exist, come both from the snow and freezing rain creating a hazardous path for students and staff, but also, because these two doors must remain unlocked during the day, giving unmonitored access to outside parties' throughout the day.

Energy efficiency becomes a huge issue for the district also.

This project is for a basic building with 6X6 posts, 2X6 for the horizontal and members and trusses or rafters for the roof system. The existing concrete will be torn out and relayed meeting ADA compliance.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 - ROUND 2

Descriptions of Projects Recommended for Funding from the Remaining FY2005-06 *School Construction and Renovation Fund*

Elizabeth C-1 ~ Running Creek Elementary Roof Repairs
The existing roof system has reached the end of its serviceable life and needs replaced. The roof system is the original application and is over 17 years old. Remedial maintenance has been done to help slow the leaking and damage to interior carpet, ceiling tiles and other damageable components.

These repairs will only become more costly for the School District. The biggest concern would be to continue to have water trapped in the insulation that creates two major issues. The first issue being a zero R-Value effect. When insulation becomes wet it loses all R-Value, thus heating and cooling escape though the roof, which means higher utility costs for the district. The second issue is that of having the potential for mold build-up, which the District is well aware of from past experiences.

In summary, the Built-up Mineral roof system on these sections is failing for the following reasons:

- Loss of membrane tensile strength to resist building movement and thermal stress;
- Loss of elasticity and ductility in the waterproofing bitumen;
- Deterioration of the Flashing and Field Membrane;
- Old age and membrane fatigue;
- Splitting and cracking of flashing;
- Moisture trapped in between roofing membranes.

Frenchman Re-3 ~ Fleming Asbestos Abatement Project 2
This project includes the abatement of asbestos-containing floor tiles that are present in the school building. Over the years, the school covered many of the asbestos-containing floor tiles with glued-on carpet. Time and use has worn down the carpet to the point where it is past needing replacement in many areas. However, to replace the carpet would require disturbing the asbestos-containing floor tiles. Therefore, this is essentially an asbestos-abatement project.

This project is for asbestos abatement and much needed floor replacement.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 - ROUND 2

Descriptions of Projects Recommended for Funding from the Remaining FY2005-06 *School Construction and Renovation Fund*

Valley Re-1 ~ Sterling High School Roofing Project
The 1956 Sterling High School building has two roof systems which include the original roof of tar and gravel and a modified roof system covered with an aluminum coating. In recent years there has been a continuous problem with leaky roof areas even with the patching by local roofing specialists. Hallway leaks create problems for both students and staff. They cause water damage to property and textbooks in locker areas. District staff worked to be sure that mold and mildew did not create problems in leaky areas in classrooms and halls.

The proposed re-roofing areas will be covered with a Hot Mopped Carlisle 90 mil AFX roof system, where all material components are to be specified or manufactured by the roofing system manufacturer and includes:

- A Cut-Back Asphalt Primer applied to all existing roofs;
- A continuous termination bar at the parapet wall with sealant per manufacturer's details if design does not provide a cap flashing detail at building parapet;
- Existing gravel surfaced roofing will be removed prior to new roof installation;
- Pre finished coping, edge metal and counter flashing are to be installed as needed;
- Prefabricated membrane flashing material is to be installed with flashings terminated at least 8 in. above roofing around required areas.

A Single Ply Elastomeric Membrane roofing system will be applied to new construction areas. This includes a fully adhered, 60 mil, fully flashed, single ply EPDM membrane roofing system over insulation, with all material components specified or manufactured by the roofing system manufacturer.

The system requires tapered insulation including tapered insulation (crickets) engineered to provide a minimum of ¼ inch per foot slope to drain at corners, rooftop units, skylights, hatches, etc. as shown on the roof plan or as required to provide positive drainage.

There are some Standing Seam Metal Roof areas that will receive a series 1000 snap seam roof panel system pre-finished standard color 24 gauge steel, related trim, 3.5” nail base insulation and ice and water shield underlayment at roof panels. Pre-finished standard color 24 gauge flush seam soffits and fascia

panels with associated trim will be installed along with galvanized 24 gauge steel scuppers, counter flashing.

Miscellaneous installation items include providing insulation on decking within mechanical curbs and at curbsides at HVAC rooftop units.

The District match for this project will come from the bond issue funds approved by RE-1 Valley patrons in November 2005.

Valley Re-1 ~ Sterling Middle School Roof Replacement
The Sterling Middle School roof is currently a standing seam aluminum roof. This project is to replace the sloped portions of the roof with 24-gauge steel pre-painted 16" standing seam roof panels. The current aluminum roofing material should have had a minimum of 3" rise. Our roof has a 1 ½" rise per foot slope. ¾" plywood deck would be replaced where needed. Ice and water shield would be applied in valleys and edges where needed.

In 1990 problems appeared when wind blew off a large portion of the gymnasium roof. The district found that the roof was tightly attached to the deck instead of allowing the roof to expand in slots. This resulted in screws being worked out of the deck when temperatures caused expansion of the metal. In an attempt to hold the edges of the roof down, custom made clips were attached to the lower edges of the roof to allow for sliding expansion of the roof. Currently those clips are failing and the roof edge is wearing from the friction. Inspection of the roof shows holes from nails working up through the roof panels, other holes, panel seams are separating, seams that need substantial caulking on a regular basis, and flashing and edge caps in poor condition. After rainstorms this summer, new leaks and the associated damage have made it apparent that the replacement of the roof needs to be moved to the top of our roof replacement cycle.

The district match would be made from Capital Reserve funds by delaying the replacement of a school bus and the purchase of instructional equipment another year.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 - ROUND 2

Descriptions of Projects Recommended for Funding from the Remaining FY2005-06 *School Construction and Renovation Fund*

Montrose County Re-1J ~ Centennial Middle School Lighting Upgrade
The lighting in the south building contains the original fixtures from the original construction completed in 1973. Most of the fixtures contain the original ballasts. Due to the age of the fixtures, the quality of light is generally dim and has been a subject of concern with the staff and parents. Power consumption is another concern, as these fixtures do not meet current energy efficiency standards. Maintenance of these old fixtures is a problem as repairs are needed more often throughout the school year.

This project is to replace the old light fixtures with new energy efficient fixtures.

East Otero R-1 ~ MS, Early Childhood Learning Center, Intermediate School-HVAC & Control Replacement
This project is for the replacement of system controllers, valves, chillers, and pumps and to add variable frequency drive controls in the existing HVAC systems. Major system overhauls are needed due to years of neglect.

Manzanola 3J ~ Manzanola High School HVAC
This project is to replace the existing HVAC systems in the HS which are:

- providing poor indoor air quality;
- providing uneven heating and cooling;
- noisy;
- inefficient and expensive to operate.

The existing HVAC is a mixture of systems installed over 80 years ago and consists of a single line steam boiler/radiator system, ceiling mounted space heaters, and window mounted air conditioners. There is virtually no ventilation other than opening windows.

This project is to demolish the steam boiler and piping and provide a hot water/chilled water ground source heat pump system. There is some asbestos abatement involved with the demolition.

The project also includes updating the fire alarm which has no heat or smoke detection and limited enunciation.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 - ROUND 2

Descriptions of Projects Recommended for Funding from the Remaining FY2005-06 *School Construction and Renovation Fund*

Holyoke Re-1J ~ ES IAQ & Misc Renovations
The elementary school suffers from some of the same problems as most 50-year-old buildings: old equipment, poor ventilation, and poor controls on HVAC equipment. The stuffy rooms and lack of fresh air result in excessive levels of carbon dioxide resulting in inattentive and drowsy students, due to reduced levels of oxygen derived from fresh air circulation. A complete Test, Adjust and Balance of the air and water systems should improve airflow and air quality.

Current health and building codes require 15-20 cfm per person of fresh air to classrooms office environments and the existing systems, particularly the kitchen area, cannot deliver fresh air to meet current building standards. The kitchen make-up air unit was added during the 1965 retrofit and is well past its useful life. In fact, it has not worked properly, if at all, for the past five years. The kitchen and cafeteria get extremely uncomfortable as a result. Cooking odors are not properly ventilated and migrate throughout this portion of the building. Replacing the existing make-up air with a newer more efficient unit will solve all of these problems.

The building has problems meeting ADA requirements in the areas of ingress and egress, as the doors are too heavy for handicapped students to handle. Both of the main entrances, front and rear, have push-bar handles that are hard for people with crutches and in wheelchairs to negotiate. The plan is to replace the existing push-bar assembly with new a new push open assembly that includes an automatic push button opener for the handicapped, deliveries, etc.

The existing snowmelt system that serves the main entrance to the Elementary School is inoperable, and as a result, ice build up has become a big problem, since the entrance faces north. The existing concrete is spalled and heavily cracked. A sewer pipe replacement in 2005 cut through the 25-foot wide entrance walk adding additional safety concern due to a patch put back with asphalt that has settled. This also adds to handicapped access dilemma mentioned previously. This area is approximately 25 feet by 40 feet. The original electrical snowmelt system stopped working years ago. There is sufficient boiler capacity in the Elementary School that with the addition of piping, heat exchanger, controls and pumps, the system can be made operable and efficient.

Of additional concern, from a safety point of view is the bracing for the conduit and gas pipes on the roof that feeds all of the rooftop units. The bracing is only

wooden blocks that are spaced improperly and in many places the conduit and gas piping are sagging. In addition, the wood is deteriorating. This puts unnecessary pressure on the pipe joints and there is fear of a break due to the sags.

Monte Vista C-8 ~ HS/Admin/DELTA Center Elec Upgrade & Window The High School complex consists of several buildings, built between 1929 and 1993. The 1993 building is a steel maintenance building and is by far the most modern. The other, smaller buildings, Science (1963), Home Ec. (1935), and Industrial Maintenance/Voc. Ag (1950) all serve as classrooms outside of the main buildings. The high school was built in 1956 with several additions and the Administration/DELTA Center was built in 1929. The DELTA Center is the MS/HS Alternative program.

This project is to address the electrical deficiencies on the HS campus and to replace all of the energy inefficient windows on the campus. The electrical upgrade is necessary to address safety issues as well as the increasing electrical demands for technology.

The electrical system at the high school complex is very antiquated. Original service was in 1929 with updates to the main panel in 1956, 1963, and 1969. The latest upgrade was not wired to handle the amount of loads for the branch circuits and the connection of all the electronic equipment a school demands. The electrical service in each panel is at the maximum capacity and needs to be addressed as soon as possible. The main panel and the distribution panels need to be replaced and new wire run to each to allow additional service to be supplied to each panel. We are at the point that to plug anything in requires unplugging something else. We need to add an additional computer lab in the high school building but the electrical system will not allow an additional machine let alone an entire lab.

All of the windows on the complex are single pane with either wooden or metal frames. In the 1929 building the windows are all original with wooden frames that are rotting, no longer open because of broken mechanisms, or have become so opaque over time that you can no longer see through the glass. The larger single pane windows also pose safety hazards in some locations. Replacement

of the windows will improve energy efficiency, student safety and greatly improve the esthetics of the buildings.

We propose replacing a total of 317 windows and the glass in 6 storefronts. All windows would be replaced with white, aluminum clad wood windows with low e-glass and internal grilles. The glass in the storefronts would be replaced with 1" insulated units with low-e glass that is tempered where required.

Center 26JT ~ Toilet Room and ADA Upgrades
There are 4 existing boys and girls restrooms in the Elementary school. There is no provision for use by wheel chair bound students. The toilet rooms were last remodeled in 1974. The boy's restrooms require the elementary school to stand on an improvised steel grating to allow the boys access to the urnals. Both boys and girls restrooms need remodel. (44) existing toilets need new fixtures. 28 new toilet room partitions are needed. The toilet rooms need new epoxy paint. The new toilet room fixtures and partitions will accommodate the requirement for ADA access.

Center 26JT ~Hallway Doors Hardware Upgrades
This (2) level hallway project will be an extension of the High School/ Middle School hallway project completed in 2006. There are 77 doors required to complete the work. The doors will have new ADA door locksets and door closures. The existing hardware was installed in 1974, was not the highest grade, and needs replacement with current ADA Hardware standards.

Center 26JT ~New Elementary School Windows
The existing windows in the Elementary School were installed in 1974 or 32 years ago. They have served their life span, quite a few are inoperable and are not energy efficient. The total window count is 123 new windows. Once the windows are demolished and the new windows in place the interior is trimmed out in wood.

CYCLE 7 ROUND 2/FY2005-06 FUNDS - SCHOOL CONSTRUCTION AND RENOVATION FUNDS PASSED OVER AND NOT RECOMMENDED FOR FUNDING

		PROJECT DATA			REQUEST			
Project Rank	Rank Using PPAV and Bonded	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Reason for Denying a Project
2.9	1	Conejos	Sanford 6J	Exterior Entrance	$ 42,000.00	$ 38,640.00	$ 3,360.00	1)Two other projects were funded for this district. 2)The project in large part is to better accommodate community access to the gym area for community attendance to events. The district might consider a bond effort to see if the community would help partially or fully fund this project. 3)The project doesn't address as critical of a health/safety issue some other projects.
2.8	4	El Paso	Fountain 8	Jordahl Lighting Upgrade	$ 43,079.00	$ 37,047.94	$ 6,031.06	Due to the fact that Fountain 8 receives significant Federal Impact Aid, the committee recommended that the grant funds go to more needy projects and districts. Additionally, re-lamping projects are easily paid for with performance contracts which would be an option for completing this project.
2.8	4	El Paso	Fountain 8	Abrams Lighting Upgrade	$ 43,079.00	$ 37,047.94	$ 6,031.06	Due to the fact that Fountain 8 receives significant Federal Impact Aid, the committee recommended that the grant funds go to more needy projects and districts. Additionally, re-lamping projects are easily paid for with performance contracts which would be an option for completing this project.
2.8	4	El Paso	Fountain 8	Elementary School #8 Ice Storage	$ 14,345,100.00	$ 143,451.00	$ 14,201,649.00	Due to the fact that Fountain 8 receives significant Federal Impact Aid, the committee recommended that the grant funds go to more needy projects and districts. Additionally, re-lamping projects are easily paid for with performance contracts which would be an option for completing this project.
1	5	El Paso	Ellicott 22	HVAC Improvements (Supplemental)	$ 219,517.00	$ 123,431.04	$ 5,142.96	This project addresses cost over-runs on a previously awarded project. The reason provided for the over-runs is increased construction costs since the original award. It is acknowledged that there has been and still is significant construction inflation. However, the amount of the increase far exceeds what has been taking place. The district should better document the cost over-runs, what caused them, and confirm that there isn't a change in scope, and then possibly re-apply.
1.5	8	Otero	Manzanola 3J	Manzanola High School Roof replacement	$ 178,054.00	$ 149,565.36	$ 28,488.64	The district will be doing an extensive HVAC project that may require removing existing roof-top equipment or installing new roof top equipment. This project can be resubmitted in a future funding cycle once the HVAC work and any new roof penetrations is completed, so that the HVAC work doesn't damage a new roof.
2.7	10	Otero	Swink 33	Renovation of bathrooms, cafeteria & vestibules	$ 253,840.00	$ 230,994.40	$ 22,845.60	This project will be funded from another source.
1.98	13	Rio Grande	Monte Vista C-8	Auditorium HVAC / Electrical	$ 800,172.00	$ 712,153.08	$ 88,018.92	The district's number one priority is recommended for funding (see the next project) and is also a large project. This project can be re-applied for in a future funding cycle.
2.9	14	Saguache	Center 26 JT	Brick Pointing and Exterior Stucco Repair	$ 97,812.00	$ 79,227.72	$ 18,584.28	Three of the districts higher ranking projects are recommended for funding. This project can be re-applied for in a future funding cycle.

CYCLE 7 ROUND 2/FY2005-06 FUNDS - SCHOOL CONSTRUCTION AND RENOVATION FUNDS PASSED OVER AND NOT RECOMMENDED FOR FUNDING

PROJECT DATA					REQUEST			
Project Rank	Rank Using PPAV and Bonded	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Reason for Denying a Project
3	14	Saguache	Center 26 JT	New Pre-school	$ 305,655.00	$ 244,524.00	$ 61,131.00	Three of the districts higher ranking projects are recommended for funding. This project can be re-applied for in a future funding cycle.
3	20	El Paso	Falcon 49	Cap Const Assistance for New Falcon HS	$ 37,799,300.00	$ 6,425,881.00	$ 31,373,419.00	This project is too large to address with the available funds. Additionally, since it doesn't address health/safety, but addresses growth and improving the learning environment, it doesn't rank as high as many other projects.
2.2	21	Pueblo	Cesar Chavez Academy	Modular Set-up	$ 136,654.00	$ 112,056.28	$ 24,597.72	This project addresses major renovation of modular facilities. The project was passed over so the available funds could be used on permanent "brick and mortar" facilities.
3	28	Adams	Stargate Charter School	Classroom and Gym Addition	$ 3,060,925.00	$ 765,231.25	$ 2,295,693.75	The project was skipped because of a low ranking. It doesn't address health or safety, but addresses growth and more classroom space.
1.9	30	Adams	Strasburg 31J	Security at Strasburg Schools	$ 55,995.00	$ 47,035.80	$ 8,959.20	The committee determined that a surveillance system was not the most effective solution for security problems due to the monitoring demands of such systems. They recommended that the grant funds be used elsewhere.
2.8	35	Elbert	Elizabeth C-1	Energy update	$ 533,334.00	$ 442,667.22	$ 90,666.78	This is an energy saving project which doesn't rank as high as if it addressed health or safety. The project could be funding by other methods, including a performance contract.
1.88	36	Weld	Union Colony Preparatory School	Union Colony Project	$ 3,892,625.00	$ 428,188.75	$ 3,464,436.25	The charter school's charter is up for renewal on December 11. The financing won't be pursued until after that time if the charter is renewed. The capital construction advisory committee doesn't believe that state funds should be provided until after the future of the charter school is solidified with a new charter and the ownership of the property is determined and finalized.
1.5	41	El Paso	The Classical Academy Charter	Portable Trailer Roof Renovation	$ 21,393.00	$ 17,542.26	$ 3,850.74	This project addresses roofing of modular facilities. The project was passed over so the available funds could be used on permanent "brick and mortar" facilities.
1	44	Morgan	Weldon Valley Re-20(J)	Historic Building and Core Area Renovation	$ 7,712,941.25	$ 1,036,557.22	$ 364,195.78	This project was passed over and can be re-applied for in a future funding cycle. The district currently has a large grant to replace their existing elementary school.
2.4	48	Morgan	Fort Morgan Re-3	High School Elevator	$ 84,000.00	$ 67,200.00	$ 16,800.00	This district has received a large of amount of funding in previous funding cycles and this project was passed over to address other projects.
2.4	48	Morgan	Fort Morgan Re-3	Middle School ADA Entrances and Sidewalks	$ 110,000.00	$ 88,000.00	$ 22,000.00	This district has received a large of amount of funding in previous funding cycles and this project was passed over to address other projects.
2.5	48	Morgan	Fort Morgan Re-3	Pioneer Windows	$ 88,000.00	$ 70,400.00	$ 17,600.00	This district has received a large of amount of funding in previous funding cycles and this project was passed over to address other projects.
4	48	Morgan	Fort Morgan Re-3	Columbine Bus Turn Out	$ 50,000.00	$ 40,000.00	$ 10,000.00	These types of site-work projects aren't funded.

COLORADO DEPARTMENT OF EDUCATION

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William J. Moloney
Commissioner of Education

August 16, 2006

Capital Development Committee
200 E. Colfax, Room 271
Denver, CO 80203

Capital Development Committee:

The General Assembly appropriated $19,250,000 to the School Construction and Renovation fund for FY2005-06 and $7,500,000 for FY2006-07. Additionally, spending authority was provided for $437,602 of School Construction and Renovation Fund monies not used on previously awarded projects that were completed under budget. Pursuant to 22-43.7-105, C.R.S., *"…The state board shall submit a list of school districts and charter schools recommended to receive matching grants for capital construction projects, along with the amount of each grant and the amount of the school district or charter school match, to the capital development committee of the general assembly no later than August 16 of the fiscal year for which financial assistance is being sought. The capital development committee shall determine the number of capital construction projects on the list that may receive matching grants from moneys available in the construction and renovation fund before September 15 of the same fiscal year. Only capital construction projects on the prioritized list may receive matching grants from the construction and renovation fund, and the capital construction projects shall be funded in the priority determined by the state board. If the capital development committee does not make a determination on the list before September 15, the list shall be deemed approved as submitted and the state board may order payment of all matching grants on the list."*

Attached is the State Board approved prioritized list of Capital Construction projects. Also attached is a summary description of each approved project, a prioritized list of all applications, a summary of why certain projects were not selected, and a summary of the types of projects approved.

The General Assembly waived the statutory timelines for the FY2005-06 appropriation. There is an unallocated balance of $7,091,718.98 in the FY2005-06 School Construction and Renovation Fund. Projects for this balance will be submitted to the Capital Development Committee on approximately December 20, 2006.

Please contact me with any questions or concerns.

Thank you,

Vody Herrmann
Colorado Department of Education
Director Public School Finance
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cc: Colorado Senate - Chairperson Education Committee
Colorado House of Representatives - Chairperson Education Committee
Governor
President of the Senate
Speaker of the House of Representatives
Chairperson Capital Development Committee and Individual Members

CYCLE 7 / FY 2006-07
SCHOOL CONSTRUCTION AND RENOVATION FUND
RECOMMENDED PROJECTS SORTED BY COUNTY

RANKING		PROJECT DATA			PROJECT REQUESTS				GRANTS APPROVED BY THE STATE BOARD			
									FY 2006-07 APPROPRIATION		FY 2005-06 APPROPRIATION	
Project Rank	State Rank Sorted by District Match, PPAV	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Previous and Future Awards and Requests	School Construction and Renovation Fund	District Contribution	School Construction and Renovation Fund	District Contribution
1.9	71	Adams	Bennett 29J	District Security & Alarm System	$ 159,500	$ 116,435	$ 43,065	$ -			$ 116,435.00	$ 43,065.00
1.5	30	Adams	Strasburg 31J	Strasburg Jr/Sr High School Roof Project	$ 14,300	$ 12,012	$ 2,288	$ -			$ 12,012.00	$ 2,288.00
1.9	30	Adams	Strasburg 31J	New MS Project	$ 833,000	$ 533,120	$ 299,880	$ -			$ 533,120.00	$ 299,880.00
1.5	50	Adams	Westminster 50	Mesa ES Roof Project	$ 583,660	$ 431,908	$ 151,752	$ -	$ 431,908.40	$ 151,751.60		
1.5	50	Adams	Westminster 50	Shaw Heights MS Roof Project	$ 1,510,520	$ 1,117,785	$ 392,735	$ -	$ 1,117,784.80	$ 392,735.20		
2.8	50	Adams	Westminster 50	Mesa ES VAT Asbestos Abatement, Tile Replacement	$ 49,154	$ 36,374	$ 12,780	$ -			$ 36,373.96	$ 12,780.04
2.8	50	Adams	Westminster 50	Sherrelwood ES VAT Asbestos Abatement, Tile Replacement	$ 39,210	$ 29,015	$ 10,195	$ -			$ 29,015.40	$ 10,194.60
1	22	Alamosa	Alamosa Re-11J	Asbestos Ceiling & Floor Tile Removal & Replacement	$ 978,929	$ 539,418	$ 73,557	$ 365,954	$ 539,418.00	$ 73,557.00		
2.2	22	Alamosa	Alamosa Re-11J	Evans ES Restroom Remodels	$ 491,942	$ 432,909	$ 59,033	$ -			$ 432,908.96	$ 59,033.04
1.9	62	Arapahoe	Byers 32J	Security/Monitoring Upgrade	$ 27,640	$ 21,006	$ 6,634	$ -			$ 21,006.40	$ 6,633.60
1.5	125	Archuleta	Archuleta 50JT	ES Roof Project	$ 228,800	$ 82,368	$ 146,432	$ -			$ 82,368.00	$ 146,432.00
1.6	125	Archuleta	Archuleta 50JT	ES Fire Alarm	$ 45,000	$ 16,200	$ 28,800	$ -			$ 16,200.00	$ 28,800.00
1.3	68	Bent	Las Animas Re-1	Misc Renovations to HVAC, Science Labs, VoAg	$ 316,635	$ 237,476	$ 79,159	$ -			$ 237,476.25	$ 79,158.75
2.57	33	Bent	McClave	McClave Jr/Sr HS Science Remodel	$ 247,060	$ 180,354	$ 66,706	$ -			$ 180,353.80	$ 66,706.20
1.6	32	Crowley	Crowley Re-1J	Electrical, Indoor Air Quality, & HVAC Upgrades	$ 1,904,909	$ 1,104,847	$ 800,062	$ -			$ 1,104,847.22	$ 800,061.78
3	12	El Paso	Edison 54 JT	ES Classroom, Dining Room, and Kitchen Building (A)	$ 1,999,725	$ 1,639,774	$ 359,951	$ -	$ 196,800.00	$ 43,200.00		
2.5	5	El Paso	Ellicott 22	Replace Exterior Doors at MS and Special Needs Building	$ 134,970	$ 129,571	$ 5,399	$ -	$ 129,571.20	$ 5,398.80		
2.5	5	El Paso	Ellicott 22	Replace Exterior Windows at MS	$ 199,870	$ 191,875	$ 7,995	$ -	$ 191,875.20	$ 7,994.80		
2.65	5	El Paso	Ellicott 22	ADA Restroom at HS & Exterior Drainage Improvements at MS	$ 74,580	$ 71,597	$ 2,983	$ -	$ 71,596.80	$ 2,983.20		
1.5	4	El Paso	Fountain 8	Mesa ES Roofing Project	$ 300,502	$ 264,442	$ 36,060	$ -	$ 264,441.76	$ 36,060.24		
2.1	70	El Paso	Manitou Springs 14	Facility Indoor Air Quality and HVAC/Energy Upgrades	$ 1,997,097	$ 798,839	$ 1,198,258	$ -			$ 798,838.80	$ 1,198,258.20
1.3	41	El Paso	The Classical Academy Charter	Central ES Septic System Abandonment and Sewer Tie-In	$ 105,045	$ 86,137	$ 18,908	$ -			$ 86,136.90	$ 18,908.10
1.3	26	Elbert	Big Sandy 100J	Big Sandy School HVAC Project	$ 318,618	$ 232,591	$ 86,027	$ -	$ 232,591.14	$ 86,026.86		
1.94	26	Elbert	Big Sandy 100J	Lighting, Phone, Roof, Fire Alarm, Tile	$ 111,566	$ 79,212	$ 32,354	$ -			$ 79,211.86	$ 32,354.14
1	66	Elbert	Kiowa C-2	Indoor Air Quality / Energy Efficiency Project (B)	$ 1,072,145	$ 793,387	$ 278,758	$ -	$ 775,411.60	$ 272,441.91	$ 17,975.70	$ 6,315.78
2	137	Grand	West Grand 1-JT	New West Grand PK-8 School	$ 11,655,000	$ 699,300	$ 10,955,700	$ -			$ 699,300.00	$ 10,955,700.00
1.9	117	Jackson	North Park R-1	Science Classroom Renovation	$ 52,250	$ 20,900	$ 31,350	$ -			$ 20,900.00	$ 31,350.00
2.45	117	Jackson	North Park R-1	K-12 ADA Upgrades and Door Hardware Replacement	$ 55,110	$ 22,044	$ 33,066	$ -			$ 22,044.00	$ 33,066.00
2.5	87	Jefferson	Compass Montessori - Golden	Compass Montessori School Expansion and Renovation	$ 656,260	$ 439,694	$ 216,566	$ -			$ 439,694.20	$ 216,565.80
1.3	78	Lake	Lake County R-1	HS Boiler Project	$ 533,500	$ 352,110	$ 181,390	$ -			$ 352,110.00	$ 181,390.00

CYCLE 7 / FY 2006-07
SCHOOL CONSTRUCTION AND RENOVATION FUND
RECOMMENDED PROJECTS SORTED BY COUNTY

Project Rank	State Rank Sorted by District Match, PPAV	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Previous and Future Awards and Requests	FY 2006-07 APPROPRIATION		FY 2005-06 APPROPRIATION	
									School Construction and Renovation Fund	District Contribution	School Construction and Renovation Fund	District Contribution
1.4	78	Lake	Lake County R-1	West Park ES VAT Abatement and Carpet Replacement	$ 91,150	$ 60,159	$ 30,991	$ -			**$ 60,159.00**	**$ 30,991.00**
1.5	78	Lake	Lake County R-1	Roof Repair - Pitts ES	$ 16,500	$ 10,890	$ 5,610	$ -			**$ 10,890.00**	**$ 5,610.00**
1.6	80	Larimer	Thompson R-2J	Fire Sprinkler System Project - Winona ES	$ 6,774,691	$ 203,241	$ 6,571,450	$ -			**$ 203,240.73**	**$ 6,571,450.27**
1.6	80	Larimer	Thompson R-2J	Fire Sprinkler System Project - Centennial ES	$ 6,480,328	$ 129,607	$ 6,350,721	$ -			**$ 129,606.56**	**$ 6,350,721.44**
1.65	31	Logan	Frenchman Re-3	Fleming Asbestos Abatement and Security System	$ 192,302	$ 142,303	$ 49,999	$ -			**$ 142,303.48**	**$ 49,998.52**
1.9	132	Logan	Plateau Re-5	Little Bulldogs Preschool Replacement	$ 273,525	$ 95,734	$ 177,791	$ -			**$ 95,733.75**	**$ 177,791.25**
1.9	132	Logan	Plateau Re-5	Cafeteria Expansion and Renovation	$ 299,210	$ 104,723	$ 194,487	$ -			**$ 104,723.50**	**$ 194,486.50**
1.4	34	Logan	Valley Re-1	Asbestos Abatement Sterling HS	$ 1,593,171	$ 1,163,015	$ 430,156	$ -			**$ 1,163,014.83**	**$ 430,156.17**
1.6	34	Logan	Valley Re-1	Fire Sprinkler System Campbell ES	$ 382,117	$ 278,945	$ 103,172	$ -			**$ 278,945.41**	**$ 103,171.59**
1.3	45	Mesa	Mesa 51	Thunder Mountain ES HVAC Replacement	$ 1,090,291	$ 872,233	$ 218,058	$ -			**$ 872,232.80**	**$ 218,058.20**
1.4	64	Montezuma	Montezuma-Cortez Re-1	Asbestos Abatement MCHS Choir Room	$ 26,928	$ 17,234	$ 9,694	$ -	**$ 17,233.92**	**$ 9,694.08**		
1.5	64	Montezuma	Montezuma-Cortez Re-1	MCHS Partial Re-Roof	$ 161,150	$ 104,747	$ 56,403	$ -			**$ 104,747.50**	**$ 56,402.50**
1.6	64	Montezuma	Montezuma-Cortez Re-1	Fire and Security Doors	$ 126,390	$ 82,153	$ 44,237	$ -			**$ 82,153.50**	**$ 44,236.50**
2.07	119	Morgan	Brush Re-2(J)	Door, ADA, & Restroom Ventilation Renovation & Repair	$ 51,541	$ 23,193	$ 28,348	$ -			**$ 23,193.45**	**$ 28,347.55**
1.5	48	Morgan	Ft Morgan Re-3	Middle School Roof	$ 102,179	$ 40,872	$ 61,307	$ -			**$ 40,871.60**	**$ 61,307.40**
1.5	48	Morgan	Ft Morgan Re-3	High School Roof Replacement	$ 60,005	$ 48,004	$ 12,001	$ -			**$ 48,004.00**	**$ 12,001.00**
1.6	48	Morgan	Ft Morgan Re-3	Green Acres Fire Alarm Replacement	$ 56,650	$ 45,320	$ 11,330	$ -			**$ 45,320.00**	**$ 11,330.00**
1.9	3	Otero	Cheraw 31	Electrical/HVAC/Roofing/Windows and Energy Upgrades	$ 1,751,034	$ 998,089	$ 752,945	$ -	**$ 998,089.38**	**$ 752,944.62**		
1.77	11	Otero	Rocky Ford R-2	Indoor Air Quality, Replacement, Security Doors, Electrical Upgrades	$ 1,637,546	$ 1,342,788	$ 294,758	$ -	**$ 1,342,787.72**	**$ 294,758.28**		
1	93	Park	Platte Canyon 1	Waste Water Treatment Facility (Supplemental)	$ 406,350	$ 225,225	$ 121,275	$ 59,850			**$ 225,225.00**	**$ 121,275.00**
2.55	19	Prowers	Granada Re-1	Granada School HVAC Control Project	$ 52,800	$ 41,712	$ 11,088	$ -			**$ 41,712.00**	**$ 11,088.00**
1	42	Prowers	Holly Re-3	Shanner ES Building Repair and Stabilization (Supplemental)	$ 78,784	$ 40,317	$ 16,467	$ 22,000			**$ 40,316.64**	**$ 16,467.36**
1.5	18	Prowers	Wiley Re-13 JT	Roof Upgrade	$ 575,685	$ 483,575	$ 92,110	$ -	**$ 483,575.40**	**$ 92,109.60**		
2.2	13	Rio Grande	Monte Vista C-8	Marsh ES Heating/Electrical Project	$ 260,336	$ 229,096	$ 31,240	$ -	**$ 229,095.68**	**$ 31,240.32**		
2.24	13	Rio Grande	Monte Vista C-8	MS Heating System Renovation	$ 266,178	$ 231,575	$ 34,603	$ -	**$ 231,574.86**	**$ 34,603.14**		
1.5	60	Rio Grande	Sargent Re-33J	Music-Cafeteria Roof Replacement	$ 114,669	$ 87,148	$ 27,521	$ -			**$ 87,148.44**	**$ 27,520.56**
1.3	14	Saguache	Center 26 JT	New Boiler	$ 20,887	$ 17,127	$ 3,760	$ -	**$ 17,127.34**	**$ 3,759.66**		
1.6	14	Saguache	Center 26 JT	Fire Alarm Upgrade	$ 15,180	$ 12,296	$ 2,884	$ -	**$ 12,295.80**	**$ 2,884.20**		
2.45	14	Saguache	Center 26 JT	(2) Science Lab Upgrades	$ 101,200	$ 81,972	$ 19,228	$ -	**$ 81,972.00**	**$ 19,228.00**		
2.5	14	Saguache	Center 26 JT	Exterior Window and Door Replacement	$ 164,450	$ 134,849	$ 29,601	$ -	**$ 134,849.00**	**$ 29,601.00**		
1.5	89	Saguache	Moffat 2	LP-Gas Bulk Plant Upgrades	$ 19,586	$ 12,927	$ 6,659	$ -			**$ 12,926.76**	**$ 6,659.24**

CYCLE 7 / FY 2006-07
SCHOOL CONSTRUCTION AND RENOVATION FUND
RECOMMENDED PROJECTS SORTED BY COUNTY

Project Rank	State Rank Sorted by District Match, PPAV	County	District	Project	Total Project Cost	Current Request	Current District Contribution	Previous and Future Awards and Requests	FY 2006-07 APPROPRIATION		FY 2005-06 APPROPRIATION	
									School Construction and Renovation Fund	District Contribution	School Construction and Renovation Fund	District Contribution
2.4	89	Saguache	Moffat 2	ES Bathroom Renovation Project	$ 32,490	$ 21,443	$ 11,047	$ -			**$ 21,443.40**	**$ 11,046.60**
2.65	89	Saguache	Moffat 2	Lighting Retrofit - ES Window Replacement	$ 111,102	$ 73,327	$ 37,775	$ -			**$ 73,327.32**	**$ 37,774.68**
2.7	89	Saguache	Moffat 2	Ceiling Replacement & Wall Paneling Replacement w/ Drywall	$ 74,136	$ 48,930	$ 25,206	$ -			**$ 48,929.76**	**$ 25,206.24**
1.5	81	Saguache	Mt Valley Re-1	New Roof	$ 221,375	$ 132,825	$ 88,550	$ -			**$ 132,825.00**	**$ 88,550.00**
2.45	81	Saguache	Mt Valley Re-1	Science Room Upgrades	$ 52,250	$ 31,350	$ 20,900	$ -			**$ 31,350.00**	**$ 20,900.00**
1.3	55	Washington	Akron R-1	Boiler Replacement	$ 98,164	$ 66,752	$ 31,412	$ -			**$ 66,751.52**	**$ 31,412.48**
2.05	79	Washington	Otis R-3	Intercom System and Hot Water Heater Replacement	$ 34,511	$ 23,122	$ 11,389	$ -			**$ 23,122.37**	**$ 11,388.63**
1	96	Weld	Ault-Highland Re-9	1921 Ault HS Restoration (Supplemental)	$ 1,854,100	$ 872,300	$ 557,700	$ 424,100			**$ 872,300.00**	**$ 557,700.00**
1.3	65	Weld	Eaton Re-2	Eaton HS HVAC Replacement	$ 32,835	$ 24,626	$ 8,209	$ -			**$ 24,626.25**	**$ 8,208.75**
2.1	65	Weld	Eaton Re-2	Eaton HS Boiler Replacement	$ 289,850	$ 217,387	$ 72,463	$ -			**$ 217,387.50**	**$ 72,462.50**
2.2	65	Weld	Eaton Re-2	Districtwide Boiler Replacements	$ 1,432,310	$ 1,074,232	$ 358,078	$ -			**$ 1,074,232.50**	**$ 358,077.50**
2.5	65	Weld	Eaton Re-2	District DDC Building Automation System	$ 1,040,600	$ 780,450	$ 260,150	$ -			**$ 780,450.00**	**$ 260,150.00**
2.9	65	Weld	Eaton Re-2	District Exit and Emergency Lighting	$ 131,120	$ 98,340	$ 32,780	$ -			**$ 98,340.00**	**$ 32,780.00**
				TOTALS:	**$ 55,344,153**	**$ 21,538,853**	**$ 32,933,396**	**$ 871,904.00**	**$ 7,500,000.00**	**$ 2,342,972.51**	**$ 12,595,883.02**	**$ 30,273,668.46**
								Appropriated Amount:	**$ 7,500,000.00**		**$ 19,250,000.00**	
								Spending Authority for Remaining Excess SCRF Funds (C):	**$ -**		**$ 437,602.00**	
								Remaining Balance:	**$ 0.00**		**$ 7,091,718.98**	

(A) The committee determined that Edison had definite needs to addr3ess, but they were not well equipped to address the needs with their current information and plans. Therefore, the committee decided to award $196,800 with a match of $43,200 with the understanding that the funding would be used to perofrm a master plan for the facility (estimated at $30,000) and the initial planning and design work (estimated at $210,000). Once the initial planning is done, the district will be encouraged to apply for Phase 2 of the project.

(B) The project, Kiowa C-2 Indoor Air Quality/Energy Efficiency Project, is being funded partially from both the FY 05-06 and FY 06-07 School Construction and Renovation Fund appropriations.

(C) Spending authority was granted for School Construction and Renovation Fund funds that were remaining from completed projects that did not utilize all of their grant award amount.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

School Construction and Renovation Fund

Cheraw 31 ~ Electrical/HVAC/Roofing/Windows and Energy Upgrades

The Cheraw School District employed a consultant to do a technical energy audit and design study to analyze facility conditions and needs along with energy efficiency opportunities within the district. Upon completion of the study, the facility was found to be in serious need of an electrical upgrade to manage a new HVAC system. The existing systems are not delivering code required ventilation and temperatures in classrooms are exceeding 80 degrees. In a geographic region where temperatures are in the 90's through October, air conditioning is a necessity not a luxury. Currently the district is heated by a 40-year-old boiler. The air quality in the facility is a health issue as some classrooms operate solely on recirculated air and others operate on outside air alone. The district is also in need of upgrading the 46 year old single pane leaky windows with high performance efficient windows. Re-roofing the elementary school, upgrading lighting, new domestic hot water systems, kitchen hoods, and chemical storage exhaust fans are also priorities. The elementary roof is 31 years old and badly needs replacement.

This project would take care of these issues.

Fountain 8 ~ Mesa Elementary School Roofing Project

As part of a cost saving measure 10-12 years ago a sprayed on urethane foam roof was installed. Over the years the surface has developed severe blistering and cracking. These failures now jeopardize the entire structure.

The district proposes to replace the entire urethane roof with a four ply built-up roof assembly. The existing urethane roof will be torn off down to the decking. The specifications require 2.5 inches of ISO insulation.

Ellicott 22 ~ Replace Exterior Doors at MS and Special Needs Building

Exterior doors at Ellicott Middle School are a safety hazard and require ongoing maintenance. Most of the exterior doors have latches that lock doors from the inside which do not permit egress in an emergency. Many doors are warped and difficult to latch shut. The lack of secure doors compromises the building's occupants in the event of a school shut down. All exterior doors will be replaced with hollow metal doors, and new hardware (including panic hardware). Existing frames will remain if determined that they are satisfactory.

Ellicott 22 ~ Replace Exterior Windows at MS

Exterior windows at Ellicott Middle School are a safety hazard and require ongoing maintenance. Several windows have moisture trapped between the panes of glass limiting visibility out of the building. Windows allow outside air, moisture and dirt to enter the building even when closed. Windows are also difficult to secure. When windows require maintenance, parts are often difficult to find. Existing windows will be replaced with aluminum windows with thermally broken frames, double paned glass and low-e film.

Ellicott 22 ~ ADA Restroom at HS & Exterior Drainage Improvements at MS

A restroom for those with physical disabilities does not exist at the high school. While several restrooms in the building permit space for wheelchair circulation, toilet stalls do not. The existing Health Office has plumbing facilities and will be remodeled as a unisex restroom.

The exterior drainage for storm water around the middle school, especially storm water from the north, creates problems and allows water to enter the building. During rains, water runs towards the middle school's north and west walls. Exterior doors cannot keep the water out. Sand bags are stacked in front of the building's doors during heavy rains, but are not completely effective in stopping the water from entering the building. Carpets have been damaged and mold issues must be dealt with. Humidity in the building creates further damage. This project will provide engineering of a new storm water system with pipe and inlets to direct water away from the building to a detention area on school property to the west of the Transportation Building.

Rocky Ford R-2 ~ Indoor Air Quality, Replacement, Security Doors, Electrical Upgrades

The Rocky Ford High School comprises 77,825 square feet of single story brick and dates from 1963. The adjacent Vo/Ag shop is 6,900 square feet of prefab metal and wood construction and dates from about 1965. There have been no additions or modifications since original construction. The original high school had floor to ceiling glass along the extensive hallways and common areas. Most of this glass was replaced with insulated panels around 1983-84 through energy grants. Boilers have been replaced in the last 8 years. These are the only changes to the facility. There is no cooling in the facility except the computer labs and the office area.

Indoor air quality and overheating in classrooms is the major concern. All of the ductwork from the air handling units runs below the floor. During the last 43 plus years this duct has accumulated significant amounts of dirt, water and debris. In a few cases the insulation has deteriorated and collapsed inside the duct. The air passing through these ducts is collecting this dirt and mold resulting in poor indoor air quality in most of the building. The worn out pneumatic controls are also problematic and do not properly regulate the amount of fresh air being introduced to the rooms. Because of control and pipe/coil freeze problems some of the fresh air openings have been blocked off. The ductwork needs to be cleaned by professionals; the air handlers need either major refurbishing or replacements. The multi-zone units are inefficient as they generally require simultaneous heating and cooling. Adding mechanical cooling will greatly increase comfort and improve the learning environment while reducing the potential for water and mold growth by maintaining dryer air in the ductwork.

The electrical system is beyond capacity and needs new service entrance, transformer and main distribution panel. Refurbished air handlers need new electrical disconnects and feeds. Most of the existing sub-panels can be reused. The buildings have virtually no emergency egress lighting and lack a number of exits fixtures.

Pneumatic controls need to be replaced with DDC and electric actuators to deliver the comfort and efficiency required in a school.

Security issues include failing doors that do not close without significant effort on the part of custodians and staff. These doors are at the end of their life and have been repaired numerous times. They need to be replaced.

The roof consists of foam in place roofing. Several small leaks are starting and these need to be repaired before they become large problems.

The HVAC piping has had most of the asbestos abated; however, it is expected that some pipe elbows and duct connectors that contain asbestos may be hidden from view and will need to be abated. Because of the window reduction and reduced heating loads, the pumping capacity can be reduced and some may be able to be consolidated to serve multiple areas.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

The VoAg heating equipment needs to be replaced as it is at the end of its useful life. Windows, walls, and doors need replacing because they leak water during and after storms.

This project will address these needs.

Edison 54 JT ~ ES Classroom, Dining Room, and Kitchen Building

This is the first of a two phase plan to add new "brick and mortar" elementary school structure with seven classrooms, a library, two offices, a kitchen, a dining room/cafeteria facility with food storage & walk-in refrigerator/freezer. The building would also include music and art rooms. The new building would house the preschool/elementary school, special education, music, art, and the kitchen/cafeteria. The current existing building would serve as the junior/senior high building.

The current facility is overcrowded for district needs. The library is currently housed in what used to be the custodians house and cannot completely house the school's library collection. The existing building was built in the 1920s with no insulation and old wiring. The art room is in a duplex which used to be a teacherage with inadequate space and 1950's wiring. The district divides elementary classes to have room for art classes. Music and band are held on the auditorium stage which is too small to provide adequate practice areas. The current kitchen is called one of the two worst in Colorado in terms of space according to the CDE Nutrition Unit. Elementary classrooms in the current building average 600 square feet. Classrooms for secondary classes average 400 square feet. The new classrooms would be at least 600 square feet. The new building would allow the secondary to have access to the current elementary 600 square foot classrooms. The district uses every inch of space in the old building. Classes are being taught in the teacher's workroom, dining room and the gymnasium. Math and reading classes, as well as PE, are taught in the gym. The entry lobby is used as a dining room.

The new building would provide large elementary classrooms with room for eventual expansion to single grade classrooms; the district currently combines grades 2-3 and 4-5. It would provide a new, larger kitchen and dining facility, and provide an adequate library. The new building would also allow the elementary school to avoid the louder secondary classrooms, the distractions from secondary students changing classes, and the requirement to view often inappropriate actions or to hear inappropriate language of the secondary students. Edison was recognized by CDE as having grown 16% in 2006's pupil count as opposed to 2005. Due to growth and over-crowding, Edison has purchased two modulars. These structures do not relieve the need for additional classrooms, but do provide larger, more useable classrooms. Edison would do this project in two phases. Phase I in 2006-2007 would allow for design and other required administrative work. Phase II in 2007-2008 would be construction.

This grant would provide the design and construction documents in order to bid and contract for the actual construction.

Monte Vista C-8 ~ Marsh ES Heating/Electrical/Window/Fire Alarm Project

The boiler at Marsh Elementary is the original 1974 boiler. It is small and not efficient. The original heating system was designed with only one boiler and no back-up system. If the boiler was to fail, and it will, the district does not have another way of heating the building. Classes would have to be relocated. The current boiler will be replaced with three Locinvar, high efficiency boilers running in tandem. The tandem arrangement will provide back-up, and be more efficient to run. The new heating system would include new controls tied into the district monitoring system.

The electrical system in the building is at capacity and must be upgraded to meet the needs of the new heating system and other electrical needs of the building.

The fire alarm system will be replaced as part of the electrical update. The present system does not include the outlying modular building and cannot be heard clearly in all parts of the building.

Single pane windows will be replaced to make the building more efficient.

All of the carpet in the building will be replaced. It is old and has been damaged by numerous leaks from the heating system. The carpet is stained and many areas have separated from the backing and the floor and present a safety hazard.

Monte Vista C-8 ~ MS Heating System Renovation

The middle school roof top heating units (RTUs) are old and must be replaced because repair parts are no longer available. One of the units failed completely last winter and can't be repaired. The duct work and heating units in the 8th grade section are inadequate, inefficient and require major modification. Teachers use individual heaters to compensate for inadequate heating which is inefficient and a safety concern.

Windows in the building are all single-pane and a tremendous source of heat loss as well as being unsightly. The 6th grade hallway will require minor modification to allow for the new windows and to add insulation.

The carpet in the classrooms and the 6th grade hallway have been damaged by leaks in the roof (roof has been repaired) and the heating system.

This grant is for the replacement of the RTUs, heating controls, windows and carpet and would make the building a good educational facility for many years to come.

Center 26 JT ~ New Boiler

This project will replace the existing boiler. The existing boiler failed last spring, is turned off, and is leaking. It must be replaced by September 2006 before the new school year and winter weather.

Center 26 JT ~ Fire Alarm Upgrade

This project will upgrade the existing high school/ middle school building fire alarm system including tying together all sections of the current Center 26JT K-12 campus.

Center 26 JT ~ Two Science Lab Upgrades

This project will upgrade the two high school science rooms to include new fume hood, new eye wash, new emergency shower and drain, better ventilation, new science equipment, and new ceilings.

Center 26 JT ~ Exterior Window and Door Replacement

This project will replace the exterior doors, hardware, and windows which were installed in 1949. Replacement/repair hardware for these units is very hard, if not impossible, to locate when the windows and doors are so outdated.

Wiley Re-13 JT ~ Roof Upgrade

Wiley Re-13JT received a previous grant to repair the middle 34% of their K-12 building. All of the roofs are flat and the drainage is not sufficient, water pools in several areas of the roof and water finds its way into the building via old and new holes. The current roof design is not sufficient for the added foot traffic required to maintain new HVAC units on the roof.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

After the previous roof project was completed the district had the contractor and the Garland Company inspect the rest of the roof on the K-12 building. Some small repairs and one major repair were performed. The major repair involved increasing the slope on the north end of the building so that the water would run off. This area was where two roof sections came together. In this process they removed a portion of the roof down to the decking trying to remove a section of the roof that was saturated with water. They could not find the end of the saturated roof. They ended up fixing a 20' by 20' spot but the rest of the roof is still saturated with water. They had no place to stop so the district decided that it would be better to try and replace the entire roof on the north end of the building.

The roof is leaking into areas the district can see and cleanup. It is probably leaking into areas that are hidden, creating a potential for the build up of mold and mildew.

At least part of the roof insulation is saturated so the wet insulation is allowing both heating and air-conditioned air to escape through the roof. The new roof will be tapered and more insulation will be added. This roof project will use tapered ISO insulation that has an R value of 24.

The major leaks are over the elementary classrooms, hallways around the gym, and a storage area next to the gym.

This project would remove and replace the existing roofing and insulation on the north portion of the building.

Granada Re-1 ~ Granada School HVAC Control Project

In the last two years the district has incurred the cost to replace the boilers and roof of their K-12 facility. There is a need to replace the existing pneumatic thermostat system with a new electronic computerized system. The thermostat system controls 27 rooms in the main building. In addition this facility has two main entry ways that allow outside air to affect the inside temperature and HVAC systems. There is a need to renovate these entries to include double doors and dead air space upon exit or entry.

This project is to upgrade the HVAC controls and to create two entry vestibules.

Alamosa Re-11J ~ Evans ES Restroom Remodel

This project is for the complete remodel of four 1952 restrooms including new sewer piping and water lines, low consumption toilets and urinals, heating system, ventilation system, asbestos removal, new ceramic wall tile, new hand washing sinks, new no touch faucets, new urinal and toilet hardware, and installation of ADA toilet stalls. The existing restrooms aren't ADA compliant and have never been remodeled.

Alamosa Re-11J ~ Ortega MS Asbestos Ceiling & Floor Tile Removal & Replacement

This project is to abate asbestos containing ceiling material and floor tiles. Many of the ceiling tiles have been damaged. Many of the floor tiles are cracked and some individual tiles are already replaced. This project is for the commons, kitchen and restroom areas which experience a lot of daily wear and tear. The project includes total renovation of this area to include new ceilings, floors, lighting, kitchen hoods, restrooms, electrical upgrade and painting. These areas have never been renovated since the building was initially built in 1964. This project is the third of ten phases of asbestos abatement before all asbestos is abated. The district will continue to submit these abatement projects so that the health of students and staff will not be compromised.

Big Sandy 100J ~ Lighting, Phone, Roof, Fire Alarm, Tile

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

This grant project is to replace the lighting throughout the district's K-12 buildings. They believe this could be argued as a health concern due to inadequate light and flickering lights, but it is really an energy conservation project which replaces T-12 lights with T-8 four footers throughout the school.

The district has phone system which is outdated and failing according to the vendor that repairs the system. This is such a safety concern the district will replace the system with their funds which they consider an additional district matching contribution.

The district has a leaking roof over locker rooms and gym area. This does not qualify for a grant. This is also a project the district will accomplish with their funds and they consider an additional matching contribution.

During a recent health inspection by Elbert County Health, the district was informed they must add tile to the food storage room and retile the dishwasher room. This is another project the district will accomplish with their funds and they consider an additional matching contribution.

The two Industrial Arts classrooms do not have an operational fire alarm. This is an additional project the district will accomplish with their funds and they consider an additional matching contribution.

Big Sandy 100J ~ Big Sandy School HVAC Project

This project will replace roof top units on each of the (5) pod buildings. The existing units have multiple cracks in the heat exchangers. The district has been monitoring CO2 levels and their head of maintenance, HVAC service company, and the local fire department chief all say the units need to be replaced immediately. The units are 30+ years old. Visibly about 30% of the heat exchanger tubes are cracked and 70% of the tubes are hidden and can't be inspected without major effort. Two of the units have multiple/significant cracks. All of the units will be replaced.

The district has a small room that is being converted into a technology server room. The district will install a roof top air conditioning unit to keep the servers cool, redo plumbing, add racks to go along with donated servers, and rework the door. They are using district funds to accomplish this project, which they consider an additional matching contribution.

The district has an Industrial Arts classroom that doesn't have heat or proper lighting. This is a safety and health issue. They are using district funds to correct these issues, which they consider an additional matching contribution.

Strasburg 31J ~ Strasburg Jr/Sr High School Roof Project

The original section of Strasburg Junior High/High School was built in 1948. In 1976 the community passed a bond issue and built the current high school building which was attached to the original junior high school. In 2003 the community passed another bond issue to help with rapid growth and continued demands on the building. In 2004 these renovations were completed.

As is the case with all projects, the renovations project in 2004 did not completely renovate the school site. Several items were value engineered out of the project at the time. This section of the roof was deemed the best that was on the facility. As a result it was not replaced. At the present time the roof section is bubbling and beginning to show leaks.

This project involves a small section and will:

- Remove the roofing material that needs to be removed;

- Provide new insulation;
- Flash walls, curbs, and penetrations;
- Complete the roofing.

Strasburg 31J ~ New MS Project

In the spring of 2005, the district hired consultants to do a needs assessment on the facilities and to develop a summary of growth needs and resources. As a result of this information, a community meeting, and extremely rapid growth in the district, the Board of Directors of School District 31J decided to seek the approval of the voters of the district for a new middle school.

The major concern of the Board was if they could build a building with their bonding capacity. The Board asked the architect to design the building in such a fashion so as to not exceed this budget.

The architect designed a metal building with masonry walls. With this information, the Board authorized an election. This resulted in passage of the issue and a mill levy override by the voters in November 2005.

In January 2006 the Board of Education, with advice of their consultant, sought bids from GM/GC's in Colorado. The district received initial interest from 12 firms and actual submissions from 9 firms. The Board with the help of their consultant screened this group to a final 4.

Interviews were held with each firm in February. During the interview process one of the questions asked of each firm by the Board was: "Can you do the project with the budget we have?" All were unanimous that they could.

In the process there was a "notice to proceed" milestone in March. At that late point, the successful GM/GC stated that they would be $2 million over the available budget.

The stated reasons were:

- Road construction requirements by Adam County which were unknown at the time of election;
- Shortages in materials because of construction in China, Hurricane Katrina and rising energy costs.

The Board stopped the project and released the GM/GC from the project.

The district has now divided the whole project into 2 bid packages:

A. Site and street development;
B. Building.

The district has commitment from 3 or 4 firms to hard bid the site and street and 4 firms that will hard bid the building.

In short this grant is for the site and dirt work for the new middle school and the construction of the new street. At the time of the election the district was unaware that Adams County would require engineering, construction, responsibility for the entire cost of a new road.

This grant is offset these unknown costs and to insure that the new middle school can be built.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

Frenchman Re-3 ~ Fleming Asbestos Abatement and Security System

This project encompasses two renovations to the Fleming School—both critical to the district. The first involves replacing 13,200 square feet of ceiling tiles most of which contain asbestos. During a current construction project the school district is replacing the current, twenty plus-year old, flat roof with a new pitched roof. Years of rain and snow leaks and roof repairs have damaged and stained the existing ceiling tiles. Moreover, in the Management Planner Recommendations of the 1/6/2006 asbestos inspection it was recommended that the asbestos in the ceiling tiles be abated and tiles replaced.

The second part of this project is to replace an existing outdated and unsatisfactory security system for the two school buildings—one main building and one Ag. Shop—with a new system. The current system is inadequate because it is frequently in need of repair and is so outdated that repair parts are cost prohibitive and a trained technician difficult to find. Furthermore, the present system does not include the Ag shop, where expensive and dangerous equipment and supplies are housed. The new gym does not have a security system either.

Crowley Re-1J ~ Electrical, Indoor Air Quality & HVAC Upgrades

Crowley County School District's 1919 high school and the 1954 elementary steam heating systems are original and failing. The pipes are covered with asbestos insulation and not readily accessible. The pipes and radiators are leaking steam and condensate. The leaks are resulting in water pooling in crawl spaces below classrooms where mold and bacteria can develop. The lack of fresh air for ventilation due to old steam radiators (the buildings are not up to code in this regard) results in poor indoor air quality. There are no functioning controls to regulate the heat in each room. The heating system which serves both buildings needs to be replaced. Much of the lighting and controls are also original and in poor condition. The electrical sub-panels and wiring need to be replaced/upgraded for safety because of their age and loads and the new electrical loads. The project includes a new HVAC system in both buildings. The high school new systems will be high efficiency four pipe fan coil system with central boiler and chiller and with positive ventilation to each classroom; and easy to control. The elementary school system is based on high efficiency rooftop units. The lighting and electrical panels in the building need to be updated for the new HVAC systems for both code requirements and efficiency. The electrical transformers and capacity, recently upgraded in both buildings, is more than adequate to accommodate the additional fan and pump loads. The electrical circuits and feeds from the transformers and main panels will need to be upgraded.

The middle school while relatively new (1997) has control problems and ventilation problems. Upgrading controls for the classroom and cafeteria units will improve comfort, reduce energy use, and eliminate pipe freeze problems that have affected this building for years. Combustion air, intake and exhaust louvers and pneumatic controls need to be replaced.

This project will address these issues.

McClave Re-2 ~ McClave Jr/Sr HS Science Remodel

The science lab continues to deteriorate and this project will renovate it. It will require an asbestos abatement of non-friable floor tile. It requires an addition of a small (15x20) prep area, new stations, cabinets, lighting, wiring, plumbing, windows, and vent fume hoods. The project will address HVAC, ADA, and several safety factors. The project will also add some CAT 5 and wireless capability to this structure.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

Valley Re-1 ~ Asbestos Abatement Sterling HS

This project is for the abatement of asbestos containing materials in ceilings, floors, window calking, boilers, and pipe insulation. The pipes include the main lines found in tunnels as well as branches to each room and all other areas of the building. Some ceiling work is required to complete additional abatement around light fixtures where prior abatement work was done in building hallways. Ceiling work in classrooms on the first and second floor will be done in phases in concert with ongoing other remodeling.

Valley Re-1 ~ Fire Sprinkler System Campbell ES

This project is to add a fire sprinkler system to Campbell Elementary School. The project has two phases. The first is new 2006 construction which is part of a bond program. The second is a fire sprinkler system in the existing building and the asbestos abatement of disturbed areas on the ceiling and walls. The system includes the addition of a pressure pump system to pressurize the system.

The Classical Academy Charter ~ Central ES Septic System Abandonment and Sewer Tie-In

The Classical Academy (TCA) purchased "Mountain View Elementary School" (Currently TCA Central Elementary School) in 2004. They corrected many of the problems associated with a 40 year old school, but still have a deteriorating and failing septic tank system. This project is to connect to the Colorado Springs sanitary sewer system.

Holly Re-3 ~ Shanner ES Building Repair and Stabilization (Supplemental)

Shanner ES was built in 1918. This project is for the following repairs to the building to make it safe and secure: point & tuck; install metal cornice over existing stone to prevent any further damage to the building and to insure safety from falling pieces; caulk windows and doors; and replace damaged steps in front of building and make them ADA accessible.

Mesa 51 ~ Thunder Mountain ES HVAC Replacement

Twenty four year old evaporative heating/cooling units (Direct/Indirect) are deteriorated to a point where replacement is required. Drain pans are rusted out and motor mounts are rusted to failure. Indoor air quality has been an issue at this school caused by the evaporative cooling side of the system. This project would consist of the removal of the direct/indirect units and replace with DX heating/cooling units with VAV boxes and digital controls tied into the existing district DDC system.

Ft Morgan Re-3 ~ Middle School Roof

This project is to replace the outdated roof on the oldest sections of the building. The district has been able to replace the largest roof area plus the most of the smaller roofs on the building in the last three years. The final part of the building needs to be replaced and the entire building will be completed. The area to be replaced has leaks.

Ft Morgan Re-3 ~ High School Roof Replacement

This project will replace a roof section of the high school that is old and leaks. It will be replaced with a Fibertite roof. This does not include the repair to the ceiling tiles in this part of the building which the district will replace within the maintenance budget.

Ft Morgan Re-3 ~ Green Acres Fire Alarm Replacement

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

This project will replace an outdated fire alarm system with a new system throughout the building. Parts of the system where installed when the building was built in 1955. Other parts where added on to and renovated over time. The entire system is outdated and sometimes does not work.

Westminster 50 ~ Mesa ES VAT Asbestos Abatement, Tile Replacement

This project is to remove existing asbestos containing floor tile and mastic by an abatement contractor, to contract air monitoring specialist for overview of job and air monitoring, and to install new VCT flooring.

Westminster 50 ~ Sherrelwood ES VAT Asbestos Abatement, Tile Replacement

This project is to remove existing asbestos containing floor tile and mastic by an abatement contractor, to contract air monitoring specialist for overview of job and air monitoring, and to install new VCT flooring.

Westminster 50 ~ Mesa ES Roof Project

This project is to remove all layers of roofing, gravel, insulation and debris; inspect substrate; prep and repair as needed; supply and install 1 1/2"" ISO rigid insulation; supply and install Densdeck for class A fire rating; supply and install 60 mil EPDM roofing system with river rock ballast; flash and detail all pipes, curbs, and penetrations; and supply 20 yr. warranty and all necessary permits.

Westminster 50 ~ Shaw Heights MS Roof Project

This project is to remove all layers of roofing, gravel, insulation and debris; inspect substrate; prep and repair as needed; supply and install 1 1/2"" ISO rigid insulation; supply and install Densdeck for class A fire rating; supply and install 60 mil EPDM roofing system with river rock ballast; flash and detail all pipes, curbs, and penetrations; and supply 20 yr. warranty and all necessary permits.

Akron R-1 ~ Boiler Replacement

Akron R-1 is requesting financial assistance for a crucial heating project that cannot be financed in whole by the District. The purpose of this project will be to remove two existing boilers at the Elementary/JH and one existing boiler in the auditorium. These three boilers will be replaced with high efficiency boilers capable of providing the comfort needed in the classrooms. The scope of this work will upgrade the heating boiler system to a 90% efficient system that will greatly reduce fuel requirements and reduce maintenance costs. This project will also include the removal and replacement of associated piping, pipe insulation, PVC flu, zone pumps, and controls that are currently being used. One of the boilers used as a backup boiler is currently out of service because of its age (40+ yrs), while the other two boilers are getting older and are continually malfunctioning. One of the "working" boilers continues to leak water along with Glycol, thus creating a safety concern for students and staff. Periodically, the boilers stop working altogether, which results in improperly heated rooms, unhealthy conditions, and poor learning environments. The ultimate concern, besides the health and safety of students, is that the boilers that are working now might fail completely in the near future and could cause severe damage to the buildings due to freezing and bursting pipes. This will result in a huge cost to the District as well as the cancellation of all elementary/junior high classes until the boiler is replaced.

Sargent Re-33J ~ Music-Cafeteria Roof Replacement

This project would replace the 16 year old music classroom, cafeteria, and kitchen roof. It is in failing condition. It is a critical building deficiency as replacement postponement will lead to interior damage. This process would consist of removing the existing ballasted EPDM system and removing any wet insulation and mechanically fastening a wood fiberboard to the metal decking,

hot mopping another wood fiberboard to the other fiberboard, hot mopping Type IV felts to the fiberboard and then hot mopping a modified membrane with an additional flood coat and gravel.

Byers 32J ~ Security/Monitoring Upgrade

This project is to upgrade security and is in two parts: upgrade of security system and increase of perimeter lighting. According to the Arapahoe County Sheriff's annual report to the district, a deficiency was noted as "multiple areas of the district are not covered through the surveillance system; sight is lacking cameras in high-risk areas." The report cited several areas where cameras are needed for adequate coverage. The district currently operates a camera system that houses 7 cameras; the system will hold up to 9. According to the recommendation from the sheriff the district is proposing to add an additional 9 camera system to cover the areas of concern. In addition to the camera upgrade, the district will add additional lighting around the outside of the facilities. The recommendation from the sheriff cites multiple areas in need of additional lighting. The placement of cameras in reference to the outside lights is not sufficient to meet the needs for night time video exposure. One isolated incident occurring during the past school year was the theft of an automobile belonging to a student at the high school. The theft occurred in front of an outside surveillance camera, however the lighting was so poor the footage could not reveal the any specifics except blurred vehicles entering and leaving.

Montezuma-Cortez Re-1 ~ MCHS Partial Re-Roof

The 1987 roof will be removed and the Densdeck fire board will be inspected and verified sound or replaced. Two inches of poly-iso insulation and a Kelly System 2000 60 mil EDPM single ply roofing material will then be installed. It will be necessary to construct a cricket about eighty feet in length to insure proper drainage.

Montezuma-Cortez Re-1 ~ Fire and Security Doors

The local fire authority has issued a report citing roll down security gates as hazardous by creating dead end corridors. The district has directed the principals to lock the gates in an up position. This project is to install fire rated doors that allow for egress to re-establish security.

Montezuma-Cortez Re-1 ~ Asbestos Abatement MCHS Choir Room

The ceiling tiles in the choir room have been tested and contain asbestos. The district recently had a leak in the roof and damaged several of the tiles. Should these tiles fully release they would experience an asbestos spill. The asbestos management plan for the district defines this project as priority. This project is to abate the existing ceiling tiles and replace them.

Eaton Re-2 ~ Eaton HS HVAC Replacement

This project is to re-engineer, remodel and replace two HVAC units, duct work and VAV boxes as necessary to provide correct air movement and cooling to this 1976 building that was designed and built before computers were prevalent in education. Both HVAC units are 30 years old and require much maintenance. The DX cooling operates continuously after outside temperatures are over 50 degrees to barely maintain mid 70 to upper 70 interior temperatures in the rooms serviced. Past attempts to re balance air and increase supply with the existing units has helped but is not sufficient.

Eaton Re-2 ~ Eaton HS Boiler Replacement

This part of the building is heated by radiators in each room that are fed steam by one 30-35 year old natural gas-fired National Steam boiler rated at 3.3 million Btu/hr input and 2.6 million Btu/hr output. The system is set to produce less than 15 psi steam for distribution. Each radiator

is equipped with old pneumatic valves controlled by 1928 vintage thermostats. This boiler poses a health & safety threat to the students and staff as it is located in a basement room with no combustion air. The basement is a tunnel configuration under the entire school and carbon monoxide can leak up into the school through the holes around the steam piping running up through the floor. There is much sooting on the boiler and the current efficiency is measured at 67%. There is quite a bit of asbestos present in the room and the boiler, including the brick-lined flue. None of the pipes in the room are insulated so room temperatures are excessive. This project is to demolish this boiler system and replace it with high efficiency boilers.

Eaton Re-2 ~ Districtwide Boiler Replacements

This project is to replace boilers that exceed their useful life and need to be replaced. They have very low combustion efficiency ratings and there are operational issues with some of the systems and very little opportunity for any operational control. New, efficient boiler systems will greatly improve operating costs through reduced utility and maintenance expenditures.

Eaton Re-2 ~ District DDC Building Automation System

This project includes the standardization of all heating, cooling and ventilation controls through a campus-wide direct digital control (DDC) building automation system (BAS). This system will give facilities personnel the ability to constantly monitor the operation and performance of the HVAC equipment in all district buildings and provide much improved system efficiency, reliability and comfort while reducing utility and maintenance costs.

Eaton Re-2 ~ District Exit and Emergency Lighting

This project is for lighting upgrades to the exit and emergency lighting throughout the district which are required to address safety issues.

Kiowa C-2 ~ Indoor Air Quality / Energy Efficiency Project

Since there are only two rooftop units on the middle school, the units cannot properly serve the broad range of rooms. Therefore, many rooms are freezing cold in the winter and many rooms overheat in the summer.

To make matters worse in the middle school, the windows and walls provide very poor insulation against the cold winter climate resulting in rooms that are very cold in the winter months.

The high school facility does not have ventilation at all. To make matters worse, the windows are not sufficient to allow any natural drafts to help for ventilation or cooling. On top of this, the hot water heating system has thermostatic valves that are not working resulting in over or under heating. Some rooms like the high school library have no heating at all and get very cold in the winter.

In addition to lacking ventilation and cooling systems described above, all schools have inefficient and ineffective lighting systems that are substandard.

This project is intended to take a comprehensive and long-term approach to correcting all of Kiowa School District's heating, ventilation, air conditioning and lighting needs to provide an adequate learning environment for students.

The project includes: 1) a comprehensive lighting retrofit for all buildings except the new elementary school; 2) Installation of a geothermal heat pump system for the high school that will provide ventilating, heating and cooling with individual heat pump units for all rooms that will utilize heat from a ground source heat pump system; 3) installation of radiant gas heating in the high school gym and the middle school gym; 4) optimization of gas and electricity utility meters; 5)

Zoning of the middle school rooftop units; 6) Installation of energy efficient windows and insulate walls in middle school; and 7) a district wide automation system to operate all new and existing HVAC equipment to maintain comfort and energy efficiency of all buildings.

Las Animas Re-1 ~ Misc Renovations to HVAC, Science Labs, VoAg

In the science lab the gas fixtures are not working and there is no way to control the operation of the fixtures at one central location. Should there be a leak in the gas line, there is no safe procedure to shut off gas to the entire classroom. The inoperability of the gas fixtures in the science classroom also prevents students from participating fully in the school's science program, limiting student involvement in the science curriculum.

The science classroom at the Las Animas middle school does not have a fume hood or gas for the classroom. The fume hood would adequately remove odors, create a safe environment for students and allow the school to use the room to meet its curriculum requirements.

Several mechanical items require attention regarding the health and safety of students and staff in the Las Animas Vo-Tech Building. The backflow preventer for the makeup water to the boiler, and the door louver for the mechanical room's combustion air do not meet code. The unit heaters hung from the ceiling of the Vo-Tech Building require ongoing maintenance and parts are hard to find. Ducts at the welding stations are damaged and should be replaced. And fumes from the shop are entering the classrooms and office of the building creating a potential health hazard for students and staff.

This project is to address these issues.

Manitou Springs 14 ~ Facility Indoor Air Quality and HVAC/Energy Upgrades

The goal of this project is to renovate outdated and failing HVAC systems and boilers, controls, lighting, asbestos abatement, radon mitigation, indoor air quality problems, and domestic hot water and plumbing system improvements. Energy savings and efficiency is central to the technical and financial success of the facility upgrades. Manitou Springs Schools are committed to funding a substantial part of the project.

Bennett 29J ~ District Security & Alarm System

This project is to address the lack of an adequate security system which is affecting the safety, health and welfare of students and staff. The current system is faulty and unreliable. The district has had maintenance technicians out here and they can no longer service the security and alarm system. It is imperative to replace and upgrade the system to protect student and staff activity. The current system does not provide adequate coverage in areas with student activity leaving the district helpless if an emergency should arise. The system will include upgraded door access control for staff security and upgraded burglar alarms to protect the districts assets. The cameras will provide staff and authorities a clear picture of offenses and or situations that are in question.

Lake County R-1 ~ HS Boiler Project

This project is to replace the high school boiler. The high school boiler system is the original 1975 system. It has had many repairs over the years. The district has concerns that the boiler will not sustain another school year. This year, they had more than one occasion without heat for a number of hours while the school was in operation. The district is currently removing the asbestos in the boiler room, boiler, and other areas of the school and this would be a good time to include the boiler replacement.

Lake County R-1 ~ West Park ES VAT Abatement and Carpet Replacement

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

West Park Elementary classrooms have extremely deteriorated carpet. The carpet was installed over vinyl asbestos tile (VAT) many years ago. The tile has asbestos in it and will require abatement. Classrooms have major tears across a room, rippled carpet that one can trip one and torn and stained spots. This project is to remove the carpet, underlying VAT, and replace the carpet.

Lake County R-1 ~ Roof Repair - Pitts ES

Pitts Elementary was built in 1953 and continues to have regular upgrades. This project will repair the roof over the library area used by the pre-school, K-1, and the before and after school care. It will also cover the cost of replacing the carpet that is rippled, and can easily be tripped on, which has been damaged because of roof leaks.

Otis R-3 ~ Intercom System and Hot Water Heater Replacement

This project is for an intercom system to facilitate communication across 3 sites. This system is needed to ensure security and student safety in the event of critical incidents or emergency situations. During a recent incident a tornado warning was issued (multiple tornadoes touched down within a few miles of the school) and communication between buildings was problematic. Staff members were forced to run across the street in order to communicate with the preschool building. In incidents such as these, communication must be immediate to ensure student and staff safety. The proposed intercom system would ensure that communication between buildings is immediate and comprehensive throughout all buildings. The district currently has telephone and fiber optic lines installed. This grant would allow for a communication system to utilize those existing telephone lines. One main intercom hub would be installed with connections to each individual classroom and office across all three sites. In the event of a critical incident, administrators could access all personnel immediately in order to communicate information vital to staff and student safety.

In addition, this project will replace hot water heaters at the Jr./Sr. High site. Existing water heaters are more than 20 years old, are heavily corroded, and create safety hazards. Aging hot water heaters create the potential of broken or exploding gas lines, pressure valve malfunction, leaking and contamination due to corrosion. Since the hot water heaters are located in the same site as the facility boilers, potential exists for boiler damage as the result of leaking/flooding, electrical shorts, and pressure valve failure.

Thompson R-2J ~ Fire Sprinkler System Project - Winona ES

This project is to install a sprinkler system at Winona Elementary School. In November of 2005 voters passed a bond issue to build an additional twelve classrooms and core support at Winona school. The scope of work triggered a requirement to sprinkle the whole of the existing school. The cost for this requirement was not budgeted for in the bond and without this grant would greatly reduce the scope of work needed for classroom and support space in the new addition.

Thompson R-2J ~ Fire Sprinkler System Project - Centennial ES

This project is to install a sprinkler system at Centennial Elementary School. In November of 2005 voters passed a bond issue to build an additional twelve classrooms and core support at Winona school. The scope of work triggered a requirement to sprinkle the whole of the existing school. The cost for this requirement was not budgeted for in the bond and without this grant would greatly reduce the scope of work needed for classroom and support space in the new addition.

Mt Valley Re-1 ~ New Roof

This project is to replace the existing metal roof is which is leaking at all the lower roof areas.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

Mt Valley Re-1 ~ Science Room Upgrades

This project is to renovate the existing science classroom and includes a new fume hood, new eye wash, new shower, new tables, new paint, new exterior door, and new ventilation.

Compass Montessori – Golden ~ Compass Montessori School Expansion and Renovation

Compass Montessori made the decision to convert a portion of the Compass high school building to include an elementary program and in the summer of 2005 began an addition.

This project is to complete the expansion, address safety and maintenance issues and will include the following:

- 1,200 ft2 high school science laboratory
- 1,200 ft2 multi-purpose elementary classroom
- 1,000 ft2 elementary expansion to the existing classrooms
- Replace broken/vandalized outside perimeter lights
- Update fire alarm system
- Install alarm system

Moffat 2 ~ LP-Gas Bulk Plant Upgrades

The district has been cited by the Colorado Department of Labor & Employment, Division of Oil & Public Safety, LP-Gas Inspection Section, for numerous code violations on their propane storage. This project is to correct the following liquid propane bulk plant issues:

- Relocate storage containers 10 feet from combustibles;
- Provide a accurate thermometer in proper working condition;
- Rework relief valves to have vent stacks 7' tall in proper direction;
- Rework relief valves or vent stacks to have protective caps in place;
- Rework stacks to be supported and protected, not restricted with shear point, melting point greater than 1500 F;
- Rework transfer area/point of transfer to be 50' to outdoor public assembly;
- Rework transport 10' from tank while filling;
- Rework bulkhead to be securely anchored and protect plant piping;
- Install backflow check valves and/or put in operable condition;
- Install emergency shutoff valves (ESV) and/or put in operable condition;
- Install ESV remote emergency shut down and sign 25'-100' from ESV's;
- Rework ESV's to have non-painted thermal actuation within 5' of hose piping connection;
- Provide 18 lb dry chemical B:C fire extinguisher;
- Protect plant from vehicular traffic;
- Protect plant against tampering;
- Create a product release prevention and incident preparedness plan and fire safety analysis.

Moffat 2 ~ ES Bathroom Renovation Project

This project has two parts.

- The elementary bathrooms have sanitary problems with its old tiled floors. Some floor tiles are missing/damaged, and urine has soaked into the grout over the years; wall tiles are damaged as well. This project proposes to replace the floor tiles in both the boys and girls bathrooms with fluid applied epoxy flooring, replace a broken lavatory sink in the boy’s bathroom and patch and retile walls as needed.

- Tiled entrances in two different sections of the elementary wing are in need of replacement. Tiles are missing in one entrance, and the district has had to completely remove all the tiles from the other due to damage. The entrances will be tiled with new ceramic tile.

Moffat 2 ~ Lighting Retrofit - ES Window Replacement

The project has two parts.

- The building is lit with standard T12 fluorescent fixtures with magnetic ballasts; some are 4-foot recessed fixtures and many are 8-foot lamps. This project proposes to retro-fit all fluorescent fixtures with 2-tube electric ballasts and T8 fluorescent fixtures. This will reduce electricity costs significantly as well as improve lighting levels and enhance lighting quality.
- The elementary wing was added in 1982 and still has the original residential grade windows. This project would replace the windows with well-insulated commercial grade windows. Replacing these windows is part of the overall heating solution in this building that the district has begun to address in a previous project. This project will improve energy efficiency, reduce operating costs and improve the learning environment.

Moffat 2 ~ Ceiling Replacement & Wall Paneling Replacement w/ Drywall

This project has two parts.

- CEILING: The ceiling in three classrooms, the counselor's office and the hallways in the oldest section of the building is constructed of 12" acoustic tiles. In several places the ceiling tiles are damaged and in danger of falling down. This ceiling material is not fire rated. This project proposes to install a fire rated suspended ceiling grid and tile to match the rest of the building that was remodeled in 1995. The lower ceiling will require window shade "pockets" in the rooms and extending down the attic access ladder in the hallway. This upgrade will reduce the hazard of ceiling tiles falling, will provide a safety barrier in the event of fire, and reduce energy costs by decreasing the amount of space to be heated. The project includes new lay-in florescent troffer lights with electronic ballasts in the rooms and hallways at the time the dropped ceiling is installed.
- WALLS: The walls in the same rooms and hallways are covered with old, damaged highly flammable chipboard paneling. The project will cover all walls with 5/8"" type ""x"" drywall, tape and texture with a fine "orange peel" finish, paint all walls and install 4"" vinyl base at floors. This will provide a safer fire barrier.

Platte Canyon 1 ~ Waste Water Treatment Facility (Supplemental)

This is a supplemental grant to a previously awarded project which was to replace the leach field for the middle and high school. The existing leach field constructed in 1980 was remodeled with construction of a high school in 2000. During the fall 2004, the field began to fail and is no longer leaching properly.

Engineers have now determined that the field can't be replaced with any assurance that the new field won't fail. The Colorado Department of Health has directed the district to construct a new wastewater treatment facility that complies with applicable discharge limits, to submit a site application, and prepare and submit plans for the proposed project. Design is underway with the intent to begin construction by August, 2006. Sewage is currently being pumped monthly but is standing on top of the ground near the middle school playground.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

This grant is for the additional cost of the waste water treatment facility instead of a new leach field.

Ault-Highland Re-9 ~ 1921 Ault HS Restoration (Supplemental)

In 1998 the board of education charged the school administration to proceed with the restoration and refurbishment of the 1921 Ault High School for the purpose of using this historic facility as a school once again. It consists of a basement with two upper floors totaling 24,000 square feet. This historical school needed a great deal of ADA and safety work completed before students could be allowed to attend.

It is critical for the district to complete this project in order to move the current middle school to this facility. The current middle school facility is an inadequate learning environment for middle school students as it originally housed elementary grades.

It has been projected by growth studies the district will experience a significant increase in students in the next twenty years. When the predictions materialize, the current middle school will have to be returned to an elementary school until a new facility could be built.

The district with the help of the State Historical Society and state capital construction grant money has paid for a new roof, new windows, ADA accessibility including a new elevator and ramp. The demolition of the interior has been completed along with asbestos abatement and the removal of bats.

This project is the repair and restoration of the HVAC system along with the interior finishes including ceilings, walls and floor.

North Park R-1 ~ Science Classroom Renovation

The Science classroom is out of date. This project will replace old classroom stations, provide a fume hood (there currently is no fume hood), provide a new eye wash station and emergency shower and drain, provide chemical and equipment storage rooms, and provide classroom ventilation.

North Park R-1 ~ K-12 ADA Upgrades and Door Hardware Replacement

The North park R-1 schools are in the process (summer of 2006) of consolidating a separate elementary and secondary school to a single K-12 facility in the existing secondary school. This project will upgrade and make the secondary building ADA compliant.

Brush Re-2(J) ~ Door, ADA, & Restroom Ventilation Renovation & Repair

This project is to:

- Renovate the Beaver Valley elementary school main entrance to eliminate leakage from above and replace rusted framework;
- To make the middle school restroom and drinking fountains handicap accessible and provide restroom ventilation to improve sanitation and air quality in the area.

Archuleta 50JT ~ ES Roof Project

The school roof has been leaking for some time and some interior damage has resulted. Repairs have been made over the years and the roof is a mix of built up and single-ply membrane. This project is to replace the roof.

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

Archuleta 50JT ~ ES Fire Alarm

The purpose of this project is to replace the school fire alarm system. The current system is the original system installed in 1967. There have been some modifications when additions were added to the building in 1982 and 1993. The system is not dependable and often goes off without warning or explanation. There have been times when shutting off power to the system has been the only way to shut the system off. The fire alarm vendor has told the district that the system is beyond repair and must be replaced in order to correct problems. The current system does not meet ADA requirements.

Plateau Re-5 ~ Little Bulldogs Preschool Replacement

The existing preschool desperately needs to be demolished and a new building erected. At the present time, the preschool is in a house built in 1920. The preschool has limited ventilation; no separate adult restroom facility; the playground is accessible only via a street; there is no sprinkler system; approximately only half of the existing house can be utilized due to state codes; and it is located approximately 2 blocks from the main school. Daily lunches must be distributed to the preschool via the cooks in rain, snow, or wind, and consequently if a child spills their lunch, they wait to eat until another lunch can be brought over to the preschool. Throughout much of the year, due to inclement weather, young children are required to remain inside within close quarters due to the inappropriateness of the 1920's makeshift playground and house that is being used as an educational facility. Additionally, due to the lack of available, appropriate space, a sick child has to be kept in the same room as the healthy children. The preschool students do not have an age appropriate toilet or sink, and the adults do not have as age appropriate room for Title I conferences or parent meetings. The existing electrical and heating system is out-dated, and currently there is no air conditioning. When a child soils himself, there exists no washing machine or dryer to assist with a hurried cleanup.

The new preschool will be physically attached to the existing school on the southwest side of the building and will comprise of 2,210 square feet. Since the new construction will attach to the existing school, the same heating and air conditioning systems that are presently provided by the school may be utilized by the new preschool. The new preschool will be able to provide age-appropriate restrooms, meeting rooms, and classrooms. After construction is completed, there will exist a playground that the preschool children can safely enter by simply running out into the gated-playground area to play, as compared with the present condition of possibly a child running directly out into a street.

Plateau Re-5 ~ Cafeteria Expansion and Renovation

Peetz School's existing cafeteria is in desperate need of a renovation and expansion. The cafeteria cooling equipment is forty years old; there is no existing sprinkler system or hood exhaust system over the oven/stove; the walk-in refrigeration systems are disconnecting from the present foundation; asbestos is present; the walk-in freezer flooring is dangerous and causes slips and falls; and the district has experienced a complete food loss 3 times due to the antiquated freezer. Every school day 151 students and 30 employees, and twice weekly thirty senior citizen members of the local Meet and Eat Club, walk through the cafeteria line.

This project will add an additional 440 square feet onto the existing cafeteria; provide new flooring; new ventilation system; new cooling and freezing equipment; new cabinets; new fire suppression sprinkler system over the oven/stove; and a new sneeze guard. Additionally the renovation will provide for asbestos removal and provide an automated dishwashing system.

West Grand 1-JT ~ New West Grand PK-8 School

CAPITAL CONSTRUCTION GRANT PROGRAM
FY2006-07 / CYCLE 7 / ROUND 1
PROJECT DESCRIPTIONS

In the fall of 2005, the district hired a consultant to thoroughly study their facilities. After reviewing the facilities, it was determined that they had a number of capital improvement needs. It was determined that a new PK – 8 school was the most financially responsible option and would best serve the instructional needs of their students.

There were a number of problems associated with the elementary school (built in 1963) which included a poor heating system (including boilers, water lines, temperature controls, and radiators), poor ventilation, mold issues, a leaking roof, failure in the foundation, inadequate and poor electrical supply, limited parking, no kitchen to prepare food (breakfast and lunch is prepared at the high school and shipped to elementary school), inadequate fire alarm system, no surveillance system, not ADA compliant, and a host of other problems. The middle school (built in 1954) has similar issues.

A bond initiative on the ballot in November, 2005 for the construction of a new PK – 8 school was defeated by 69 votes. The district will place the initiative on the ballot again this fall.

The new school will allow the district to close the middle and elementary schools which are consuming a considerable percentage of their operating and maintenance costs and they estimate a savings of $250,000 a year by closing the two aging facilities. The new school would house preschool through eighth grade and would also contain the district office.

The district believes that this grant can be one of the most important single factors allowing them to experience a successful bond issue in the fall.

CYCLE 7 / FY 2006-07
SCHOOL CONSTRUCTION AND RENOVATION FUND
PROJECTS NOT RECOMMENDED FOR FUNDING

PROJECT DATA				
State Rank Sorted by District Match, PPAV	**County**	**District**	**Project**	**REASON PROJECT NOT FUNDED**
4	El Paso	Fountain 8	Jordahl ES Re-lamping Project	Due to the fact that Fountain 8 receives significant Federal Impact Aid, the committee recommended that the grant funds go to more needy projects and districts. Additionally, re-lamping projects are easily paid for with performance contracts which would be an option for completing this project.
4	El Paso	Fountain 8	Abrams ES Re-lamping Project	Due to the fact that Fountain 8 receives significant Federal Impact Aid, the committee recommended that the grant funds go to more needy projects and districts. Additionally, re-lamping projects are easily paid for with performance contracts which would be an option for completing this project.
5	El Paso	Ellicott 22	Welding Hoods, Exhaust, & Miscellaneous Repairs at Vo-Tech Building	This Vo-Tech building has previously been funded by a capital construction grant. The committee recommended that the funding be distributed to more needy projects.
12	El Paso	Edison 54 JT	Concrete Entry Stairs Replacement	The committee determined that Edison had definite needs to address, but they were not well equipped to address the needs with their current information and plans. Therefore, the committee decided to recommend an award of $196,800 with a match of $43,200 with the understanding that the funding would be used to perform a master plan for the facility (estimated at $30,000) and the initial planning and design work (estimated at $210,000). The funds were awarded to the project titled 'ES Classroom, Dining Room, and Kitchen Building'. Once the initial planning is done, the district will be encouraged to apply for Phase 2 of the project. The completion of the facility master plan will make the committee more comfortable funding future projects.
12	El Paso	Edison 54 JT	Auditorium Seat Renovation	The committee determined that Edison had definite needs to address, but they were not well equipped to address the needs with their current information and plans. Therefore, the committee decided to recommend an award of $196,800 with a match of $43,200 with the understanding that the funding would be used to perform a master plan for the facility (estimated at $30,000) and the initial planning and design work (estimated at $210,000). The funds were awarded to the project titled 'ES Classroom, Dining Room, and Kitchen Building'. Once the initial planning is done, the district will be encouraged to apply for Phase 2 of the project. The completion of the facility master plan will make the committee more comfortable funding future projects.

CYCLE 7 / FY 2006-07
SCHOOL CONSTRUCTION AND RENOVATION FUND
PROJECTS NOT RECOMMENDED FOR FUNDING

State Rank Sorted by District Match, PPAV	County	District	Project	REASON PROJECT NOT FUNDED
12	El Paso	Edison 54 JT	New Two Room Classroom Building	The committee determined that Edison had definite needs to address, but they were not well equipped to address the needs with their current information and plans. Therefore, the committee decided to recommend an award of $196,800 with a match of $43,200 with the understanding that the funding would be used to perform a master plan for the facility (estimated at $30,000) and the initial planning and design work (estimated at $210,000). The funds were awarded to the project titled 'ES Classroom, Dining Room, and Kitchen Building'. Once the initial planning is done, the district will be encouraged to apply for Phase 2 of the project. The completion of the facility master plan will make the committee more comfortable funding future projects.
28	Adams	Pinnacle Charter Elementary School	Pinnacle Charter High School-Purchase and Renovate Building	The project was to purchase and refurbish an existing building to use for growth. The committee recommended that we should not purchase used buildings with grant funds when the soundness of the building had not been verified. Additionally, grant funds are not to be used for the purchase of buildings.
41	El Paso	The Classical Academy Charter	Central ES Surveillance Camera Upgrade	The committee determined that a surveillance system was not the most effective solution for security problems due to the monitoring demands of such systems. They recommended that the grant funds be used elsewhere.
41	El Paso	The Classical Academy Charter	North Campus Surveillance Camera Upgrade	The committee determined that a surveillance system was not the most effective solution for security problems due to the monitoring demands of such systems. They recommended that the grant funds be used elsewhere.
50	Adams	Westminster 50	Sunset Ridge ES Roof Project	The committee awarded two roof projects in Westminster 50 this cycle and they recommended that this project could be funded directly by the district.
53	Las Animas	Branson 82	Main School Roof Replacement	Due to significant fund balances, the committee recommended that the district fund their project without grant aid.
53	Las Animas	Branson 82	Science Lab & Ag Shop Restoration	Due to significant fund balances, the committee recommended that the district fund their project without grant aid.
64	Montezuma	Montezuma-Cortez Re-1	MCHS Fire Sprinkler/Notification System	A fire marshal inspection determined that the installation of said system was necessary; however, there was concern that the recommendation did not in fact bring the building up to code. The committee decided to wait for further information before allocating grant funds to the project.

CYCLE 7 / FY 2006-07
SCHOOL CONSTRUCTION AND RENOVATION FUND
PROJECTS NOT RECOMMENDED FOR FUNDING

State Rank Sorted by District Match, PPAV	County	District	Project	REASON PROJECT NOT FUNDED
64	Montezuma	Montezuma-Cortez Re-1	Auditorium Curtain Replacement	A fire marshal inspection determined that the installation of said system was necessary; however, there was concern that the recommendation did not in fact bring the building up to code. The committee decided to wait for further information before allocating grant funds to the project.
75	Adams	Community Leadership Academy	Community Leadership Academy - 2 Modulars	The project was to add two modular buildings to their existing school site. The existing facilities are also leased modulars. The committee recommended that the grant funds be used to fund more needy projects in permanent structures.
77	El Paso	CIVA Charter School	Construction of Permanent Charter School	The project was to fund the construction of a new school building. The committee determined that the square foot costs were out of line and additionally, the number of students at the school did not warrant a new building for expansion.

COLORADO DEPARTMENT OF EDUCATION

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William J. Moloney
Commissioner of Education

Roscoe Davidson
Deputy Commissioner

August 13, 2004

Capital Development Committee
200 E. Colfax, Room 271
Denver, CO 80203

Capital Development Committee:

The General Assembly appropriated 2.5 million dollars for the School Construction and Renovation fund in FY2004-05. 22-43.7-105 requires that *"…the state board shall prepare a prioritized list of eligible capital construction projects. The state board shall then determine the type and amount of financial assistance to be provided for each eligible capital construction project based upon information provided by the school district in the application. Subject to the approval of the Capital Development Committee of the General Assembly as provided for in this subsection (6), the State Board shall provide financial assistance in accordance with the determination, but may make any matching grant from the Construction and Renovation Fund contingent upon the approval of a bonded indebtedness question to be submitted to the voters of a district during the fiscal year for which the grant is to be awarded. The state board shall submit a list of school districts and charter schools recommended to receive matching grants for capital construction projects, along with the amount of each grant and the amount of the school district or charter school match, to the capital development committee of the general assembly no later than August 16 of the fiscal year for which financial assistance is being sought. The Capital Development Committee shall determine the number of Capital Construction Projects on the list that may receive matching grants from moneys available in the Construction and Renovation Fund before September 15 of the same fiscal year. Only Capital Construction projects on the prioritized list may receive matching grants from the Construction and Renovation fund, and the Capital Construction projects shall be funded in the priority determined by the State Board. If the Capital Development Committee does not make a determination on the list before September 15, the list shall be deemed approved as submitted and the State Board may order payment of all matching grants on the list."*

The State Board approved the following prioritized list of Capital Construction projects at the August 12, 2004 State Board meeting. Included with this list are summaries of the projects to aid your review.

Please contact me with any questions or concerns.

Thank you,

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cc: Colorado Senate - Chairman Education Committee
Colorado House of Representatives - Chairman Education Committee
Governor Bill Owens
President of the Senate
Speaker of the House of Representatives
Legislative Council – Lori Johnson
Individual Capital Development Committee Members

CYCLE 5 / FY 2004-05
RECOMMENDED PROJECTS FOR FUNDING FROM THE
SCHOOL CONSTRUCTION AND RENOVATION FUND

Project Data				Project Costs					Approved by the State Board	
County	District	Facility	Project Description	$ Amount of Project	Previous District Contributions and Grant Awards	Current District Contribution	Current $ Amount Requested	Future Requests Plus Contributions	School Construction & Renovation Fund	District Contribution
Chaffee	Salida R 32 (J)	Salida HS - Academic Wing	Salida HS - Hot Water Heat Pipe Replacement - Academic Wing	$55,000	$0	$29,150.00	$25,850.00	$0	$25,850.00	$29,150.00
Conejos	South Conejos RE-10	Guadalupe ES	Guadalupe ES Roof	$63,800	$0	$17,864.00	$45,936.00	$0	$45,936.00	$17,864.00
El Paso	Miami-Yoder 60	Miami Yoder School	Miami Yoder School Fuel Tanks	$54,974	$0	$6,596.88	$48,377.12	$0	$48,377.12	$6,596.88
Elbert	Agate 300	Agate School	Agate School Fire Alarm System	$63,800	$0	$33,814.00	$29,986.00	$0	$29,986.00	$33,814.00
Kit Carson	Burlington RE-6J	Burlington HS	BHS Boiler & Domestic HW Heater Replacement	$281,916	$0	$70,479.00	$211,437.00	$0	$211,437.00	$70,479.00
Kit Carson	Bethune R-5	Districtwide	Fire Alarm Installation	$10,673	$0	$3,949.01	$6,723.99	$0	$6,723.99	$3,949.01
Las Animas	Trinidad 1	Trinidad HS	THS HVAC (Partial) (A)	$942,067	$0	$233,696.08	$708,370.92	$0	$449,002.50	$149,667.50
Lincoln	Genoa-Hugo C-113	Genoa-Hugo ES, MS & HS	Replace Electrical Switchgear	$87,340	$0	$34,936.00	$52,404.00	$0	$52,404.00	$34,936.00
Montezuma	Mancos RE-6	Mancos HS	HS Boiler Replacement	$165,000	$0	$52,800.00	$112,200.00	$0	$112,200.00	$52,800.00
Morgan	Brush RE-2 (J)	Brush High School	Brush HS Roof Replacement	$335,000	$100,000	$160,750.00	$74,250.00	$0	$74,250.00	$160,750.00
Otero	East Otero R-1	La Junta HS	HVAC Replacement - Phase II (Supplemental #1)	$853,035	$808,093	$35,953.60	$8,988.40	$0	$8,988.40	$35,953.60
Otero	East Otero R-1	La Junta High School	HVAC Replacement - Phase II (Supplemental #2)	$893,047	$808,093	$16,990.80	$67,963.20	$0	$67,963.20	$16,990.80
Otero	Rocky Ford R-2	Liberty ES	Ventilation Upgrades	$1,072,500	$0	$193,050.00	$879,450.00	$0	$879,450.00	$193,050.00
Phillips	Haxtun RE-2J	Haxtun ES & HS	Fire Safety and Electricity Savings and Handicapped Accessibility	$129,250	$0	$38,775.00	$90,475.00	$0	$90,475.00	$38,775.00
Prowers	Holly RE-3	Holly HS	Asbestos Removal - Cafeteria Hallway	$30,628	$0	$10,107.24	$20,520.76	$0	$20,520.76	$10,107.24
Rio Grande	Monte Vista C-8	Central Auditorium	Central Auditorium Roof (Recommend Partial Award) (B)	$84,268	$0	$12,640.20	$71,627.80	$0	$60,516.03	$23,751.97
Saguache	Mountain Valley RE-1	Classroom / Cafeteria Building	Boiler Replacement	$49,500	$0	$17,820.00	$31,680.00	$0	$31,680.00	$17,820.00
Sedgwick	Julesburg RE 1	ES & HS	ES & HS Roof Replacement ©	$385,000	$0	$123,200.00	$261,800.00	$0	$284,240.00	$133,760.00
			Totals	$5,556,798	$1,716,186	$1,092,572	$2,748,040	$0	**$2,500,000.00**	**$1,030,215.00**
								Appropriated Amount	**$2,500,000**	
								Administration	**$0**	
								Balance Of Appropriation After Administration	**$2,500,000**	
								Balance To Allocate If These Projects Are Approved	**$0.00**	

(A) Due to limited funding and the size of this project the Advisory Committee recommends partial funding of this project. The recommendation is for a $449,002.50 grant and a $149,667.50 matching district contribution for the Central Academic Building (Building A) portion of the project. This grant will fund the academic classroom portion of the HS so that it will have adequate indoor air quality. This district has indicated that partial funding is workable.

(B) Monte Vista has received a significant amount of funding from Capital Construction Grants from previous year's funding. Therefore, partial funding was suggested to bring the actual total amount of awards to an even $2.5 million, which in essence increased the district's matching portion by $11,111.77.

(C) Julesburg's request for the roof project included insulation at an R-10 value. The Advisory Committee recommended the roof insulation be upgraded to R-20 and would provide an increase in the award amount to allow for the upgrade. Therefore, the project was recommended for funding at an amount higher than requested (the matching requirement was also increased).

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2004 CAPITAL CONSTRUCTION GRANT PROGRAM
CYCLE 5
PROJECT DESCRIPTIONS

School Construction and Renovation Fund

East Otero R-1 / HS HVAC Replacement-Phase II (Supplemental 1)

This request is related to previously funded Phase I and Phase II HVAC projects at La Junta High School. This request relates to the life/safety system and the energy management and air quality aspects of the ventilation system. In order to complete the project, this request will provide components not anticipated in the original bid, but which are necessary to complete the system. The life/safety request will replace the old and deficient fire alarm panel with a new panel which will provide information about the building condition on a zone by zone basis rather than merely indicating "trouble" without any indication as to location. The environmental quality and energy efficiency is addressed by adding wiring and conduit to interconnect the various roof top units to a central controller which can be remotely accessed for programming and monitoring by the maintenance staff.

This project is currently in progress. Failure to include these components will result in greater costs at a later date. In addition, the time and effort required to operate the system will be much greater due to the fact that each of the roof top units will need to be programmed separately. The fire alarm system, although operational, would be in excess of 40 years old and is not as functional as the new system. These needs are best addressed during the construction phase of the project and are needed to make the system fully functional and realize the true benefits of the investment for the students and the district.

This request will provide the conduit, wiring and central control panel and programming to connect all of the individual roof top units and classroom thermostats that were installed during the two previously funded phases of the project and the supplemental request if granted. It would also upgrade the fire alarm panel in order to provide specific information concerning the zone or unit which is reporting trouble. Contrast with the present unit that simply indicates trouble without specific information. This would represent the finalization and completion of the replacement of the old system. The result will be better indoor air quality, greater energy efficiency and greater ease of maintenance of the system resulting in considerable operating savings and efficiencies and greater safety for the building occupants.

2004 CAPITAL CONSTRUCTION GRANT PROGRAM
CYCLE 5
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Each of the thirteen roof top units will have an independent controller which must be programmed individually and monitored or adjusted only at the actual site of the unit. This will result in more employee time and effort required and potentially less energy efficiency due to the time involved in closely monitoring the units. Also, completing this part of the project later will cost more due to calling back the contractors.

The Advisory Committee recommends approval of this project so that the originally awarded project can be completed.

East Otero R-1 / HS HVAC Replacement-Phase II (Supplemental 2)

This request for supplemental funding is in support of a previously granted Phase II HVAC renovation for La Junta High School. The project was requested in two phases. Phase I consisted of updating the HVAC system in two of the Hexes or classroom clusters of the school. This was completed in the summer of 2003 and provided the proto-type for the remainder of the building. The Phase II, currently underway, will be completed by the beginning of school in August of 2004. However, the cost of the project has exceeded the original request by a significant amount. Several elements originally intended as part of the original project were priced as Add Alternates, to be completed only if funding was available. This request will allow the completion of the project as originally intended.

The urgency of the request is based partly upon the fact that the renovation is currently underway. While some portions of the project can be completed at a later date, other portions are most efficiently completed during the period of original construction. The cost for completion at a later date will be greater. In addition, the District's portion of this and several other capital construction projects and remodels were included in a Bond Issue proposal which was rejected by the voters last November. The loss of that funding has delayed several other highly needed projects and has strained District fiscal resources and planning for future needs. This request will add back components of the original project that were listed as alternates or left out entirely as the preliminary design work was being completed due to concern about the final contract price.

Not funding this request at this time will result in an overall higher cost for the project when completed at a later date and will prevent the district form completing other greatly needed projects.

The Advisory Committee recommends approval of this project so that the originally awarded project can be completed.

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2004 CAPITAL CONSTRUCTION GRANT PROGRAM
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Brush RE-2(J) / HS Roof Replacement

This project would remove existing roofing down to the deck; attach 2 inch polyisocyanurate insulation; fully adhere Firestone 90 mil EPDM as per manufacturer specs; provide pre-finished 24 gauge steel gravel stop, counter flashing, slip flashing, pitch pans, & roof cones; apply Firestone acrylitop white coating to roof surfaces; provide a 30 year warranty; repair shingled mansard roof on north side; and provide new drain strainers & drain bowl clamps.

This is the final phase of a plan to replace the roof over the whole high school facility. This project will have to be done at a later date if capital construction dollars are not made available. The longer the roof replacement is delayed, the larger the chances are that there will be leaks and damage to the deck underlay as well as the interior of the building.

The Advisory Committee recommends approval of this project to eliminate further structural damage to the building.

Rocky Ford R-2 / Ventilation Upgrades

Lack of ventilation at Liberty ES is evident upon entrance into the school. The original design did not provide for any ventilation to be brought into the building, other than through open windows. Safety codes do not allow for doors to be propped open, thereby blocking potential airflow through the bldg. The plan is to add roof top ventilation units and associated ductwork that could provide additional ventilation to the space. The proposed ventilation units can then also provide more energy efficient heat for Liberty ES during the heating season.

A second issue with the ventilation at Liberty ES is mold which tends to develop in closets and closed areas. One area has been treated several times for mold. Proper ventilation would be a preventative measure for mold exposure.

The air quality and lack of ventilation raise the following issues: 1) Optimum health conditions are not possible. Cold and flu spread easily. There are a high number of students with asthma. Staff members with increased respiratory problems have been noted. 2) The learning environment is clearly hampered. When staff and students must work under inferior conditions teacher effectiveness and student learning is diminished. 3) Mold in the air is clearly a health hazard.

2004 CAPITAL CONSTRUCTION GRANT PROGRAM
CYCLE 5
PROJECT DESCRIPTIONS

The Advisory Committee recommends approval of this project to improve the inadequate and unhealthy indoor air quality in this school.

Trinidad 1 / HS HVAC

Trinidad Senior High School was constructed in 1970 as a totally new replacement for the original school. Included in that new construction was the central academic building A, the Vocational Technology building B, and the Donnelly gymnasium. The auto mechanics shop is in the back (east) of the Junior High School.

The purpose of this project is for the renovation of mechanical (HVAC) systems of Building A and Building B.

The biggest single issue concerning the Central Academic Building (building A), and the Vocational Technology Building (building B) is the inability of the heating and ventilating system to provide comfortable spaces year round throughout the building. The buildings design, with their big floor plan and many interior spaces, does not encourage cross ventilation.

New technologies such as computer labs, photocopiers, and networking systems which generate considerable amounts of heat have added to the work load of the already burdened HVAC systems. The building and the existing heating and ventilating equipment cannot cope. Although, air conditioning is common in many schools today, it was not provided when the school was built.

Spaces like the office, library (with its computers) and other computer labs need their own roof mounted air conditioning units.

Common complaints include:

- Poor/lack of ventilation in offices, classrooms, bathrooms, etc.
- Fans needed in late spring, summer, and early fall.
- Portable heaters needed in late fall, winter, and early spring.
- Fan coil units are noisy – so much so that some teachers are unable to use them.
- Thermostats often do not work and need continuous replacement.

In addition, internal rooms have serious problems relating to fresh air, proper ventilation, and temperature and humidity control. It is suspected that mechanical exhaust networks are not comprehensive and are undersized.

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In this day of "No Child Left Behind" the district believes that the research supporting improved student learning in climate controlled classrooms is on target. The research suggests that poor educational conditions hamper teaching and learning. The district's own critical analysis within the school district shows that when students are warm in winter and cool in the summer, cognitive learning conditions improve and teaching and scholarship also improves. Fisher's Peak Elementary school, built in 2002, has greatly improved CSAP scores within the district. For example, in the 3rd grade 80% CSAP of the students are proficient or above in the 2004 reading assessment. Additionally, 80% of our 3rd grade Hispanic students are also proficient or above on this same assessment.

Due to limited funding and the size of this project the Advisory Committee recommends partial funding of this project. The recommendation is for a $449,002.50 grant and a $149,667.50 matching district contribution for the Central Academic Building (Building A) portion of the project. This grant will fund the academic classroom portion of the HS so that it will have adequate indoor air quality. This district has indicated that partial funding is workable.

Burlington RE-6J / HS Boiler and Domestic Hot Water Heater Replacement

This project is to replace 1964 boilers and domestic hot water heaters at Burlington HS. These outdated and inefficient pieces of equipment have been troublesome and present a significant health and safety risk to students and staff using the facility. Installation of new heating controls will allow the district to set-back energy consumption when the building is not being used and conserve energy costs.

These pieces of equipment had a 20-year life expectancy and developed dangerous deep cracks and malfunctioned during the last 12 months.

Without the main boilers at the HS, classes would have to be cancelled or relocated to another facility. Last year these units suffered severe cracking. A temporary sealant was applied to get them through the year. Since the 20-year projected life expectancy expired in 1984, the district has been on borrowed time.

The Advisory Committee recommends approval of this project so that the district will have a safe and dependable heating and domestic hot water heating system.

Mountain Valley RE-1 / Boiler Replacement

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The boiler unit in question was initially installed in 1933 and was designed as a coal fired steam boiler, and was later converted to natural gas. The initial design includes an asbestos lining and the asbestos is still intact along with asbestos lining on most of the steam piping. However, due to the seventy-one year old design, the boiler lacks any modern safety controls; i.e., automatic shut-off valves and warning sensors of pending problems.

The asbestos and the lack of modern safety controls creates a major health and safety concern for students, employees, as well as the community based on the broad use of the facility. In addition to the health and safety concerns the existing boiler is inefficient, expensive to operate, and replacement parts are nearly impossible to locate.

This project would result in the replacement of the existing seventy-one year old boiler, and installation of a modern-efficient boiler unit. The project would also include resources necessary to provide control valves on all connecting outlets and return piping coupled with modern safety control and warning sensor devises including an automatic shut-off of system.

Bid estimates include all of the conversion equipment necessary to convert from a stream heating system to a hot-water heating system. Also, installation of a hot-water system would significantly enhance the safety aspects associated with long term use of the heating system as compared to a steam system.

If this boiler replacement project is not properly addressed, severe health and safety conditions will become even more acute at the Mountain Valley School. The seventy-one year boiler system currently in place was designed long before technologically equipped safety sensors and shut-off systems were required for modern and safe educational facilities. None of this critical equipment has been installed as part of an upgrade process, and without this project this expensive critical safety factor will not be feasible on the current outdated and inefficient boiler equipment.

Furthermore, Mountain Valley School is currently facing major financial issues. In fact, the current staff has not received any sort of salary increase for the past three years due to the lack of financial resources. Without funding of this project, financial resources simply are not available to address any aspect of this crucial health and safety need. The continued use of the existing antiquated boiler equipment has resulted in crucial time resources devoted to locating replacement and repair parts that are not longer available. Personnel and time immediately translate into financial expenses and when funding is extreme, better and more efficient means must be pursued.

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If sufficient funding is not provided, the above mentioned health and safety hazards and economic issues will not be addressed in a timely manner. Furthermore, the school district may face potential legal action if an injurious problem occurred due to the lack of safety sensors and automatic shut-off systems. This boiler issue is critical and without any means of back-up, funding of this project is essential.

The Advisory Committee recommends approval of this project to replace this unsafe boiler and heating system.

Mancos RE-6 / HS Boiler Replacement

The district is in desperate need of a new boiler in their high school building. The present boiler is 42 years old (1962) and showing its advanced age. A boiler this old requires more maintenance each year and a regular replacement of parts making it very costly to maintain.
If the boiler were to go out the district would have to close the HS. Consequently, the impact to the educational process would be immense.

The Advisory Committee recommends approval of this project to replace an outdated and unsafe boiler.

Genoa-Hugo C-113 / Replace Electrical Switchgear

Genoa-Hugo C-113's capital construction request is for the replacement of and addition to the electrical main distribution panel, sub distribution panels and panel boards to the 1966 building which consists of 46,571 square feet.

The electrical distribution system is outdated, replacement parts are not available and the switching equipment has been decertified by the Underwriters Laboratory. Over the past years a 900 amp switch has been broken and is not replaceable, panels have been double tapped and also modified outside of electrical code.

The present system is a safety hazard and the Genoa-Hugo School District is seeking capital construction grant dollars to remediate this issue and get the electrical distribution system in compliance with the electrical code.

The electrical switch gear is defective, has been modified and is not to electrical code. The cost for the district to do the electrical switch gear project would be a financial burden on the district with declining enrollment.

2004 CAPITAL CONSTRUCTION GRANT PROGRAM
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PROJECT DESCRIPTIONS

The Advisory Committee recommends approval of this project to replace decertified, modified and unsafe electrical equipment.

Salida R 32(J) / HS Hot Water Heat Pipe Replacement (Academic Wing)

The heating pipes were installed underneath the concrete in 1962 when this building was constructed. The pipes are located under a 4" concrete slab in the Academic Wing of the high school. They are buried 12" under the slab and 12" away from the outside foundation walls. Electrolysis occurs when acidic soil and water combine. This has eroded the pipes during the last 42 years and there are major leaks in the heating system. The district has attempted to fix the leak three times. After consulting an engineer and several contractors it is obvious that the pipes are beyond repair. The district will abandon the pipes in the ground and relocate them above ground. They will run 12" above the 4" slab on the inside of the exterior wall.

The project will include black pipe, radiators, grill covers, shut off valves and air bleeds.

The consequence of not fixing this problem is that the district will not be able to provide heat to the high school academic wing next winter.

The Advisory Committee recommends approval of this project because the mountain district has a two-story classroom wing that can't be heated.

Holly RE-3 / HS Asbestos Removal

The junior/senior high school is in fair condition. There is currently an asbestos abatement project in the cafetorium. This project would address the asbestos on the ceiling of the hallway located next to the cafetorium/gym. There have been leaks in the roof, and the ceiling is not in good shape. Roofers are to begin a roofing project June 1, and the district would like to remove the asbestos and make this a safer place in which to be.

The ceiling of the hallway will be scraped, the asbestos will be removed and disposed of. New sheetrock, tape, and texture will replace the old ceiling spray.

This project would be done in conjunction with the asbestos removal project in the cafetorium. This will eliminate substantial expense for the contractors to return at a different time. They will already have the building prepared for the project that will be in progress. The project manager has agreed not to charge

any more for this additional work since he will already be on site for the other project. If the project is done at a later date, his services will be added expense.

If the grant is not approved, the district will have to absorb 100% of the cost of the project. It is going to put them in a financial crunch for the coming year, but they feel that it is necessary to do this because of the health hazard exists for their staff, students, and community.

The Advisory Committee recommends approval of this project to provide a safer school.

Monte Vista C-8 / Central Auditorium Roof

Central Auditorium was constructed in 1938 and is listed on the National and State Historical Register. The existing roof is in very poor condition and the district is experiencing an increasing number of leaks.

The original roof is compiled of base and 3 organic plies with heavy flood coating of asphalt with 600 pounds of loose gravel per square. In 1996 a foam rock roof was installed over parts of the existing roof. The repairs were of poor quality and the process added to the weight of the existing roof. In some areas the weight of the existing roof is 1,600 pounds per square, which needs to be reduced to no more than 1,000 pounds. The existing roof is failing due to age and weight. It is pulling away from the parapet walls and from the drains causing damage to the interior of the building.

The district proposes to:
1. Remove existing roof down to substrate
2. Install:
    1. 1.5" ISO
    2. Ply of VI (Flint-glass Premium type VI)
    3. Mop 2 plies of VI (Flint-glass Premium type VI)
    4. Mop 1 ply Ultra Poly SMS Sheet
    5. New leads in drains
    6. All flashings as needed
    7. Type III asphalt flood coat

Certainteed Commercial Roofing Products twenty-year NDL membrane limited warranty

The district is experiencing leaks and damage to the interior of the building. Interior walls are plaster and the floors are sealed hardwood, both of which are very susceptible to water damage. Additionally, there is concern with the weight

of the roof in several areas. Winter and spring storms experienced this year added to the concern. If the building were to suffer severe damage the district does not have facilities to hold the classes currently scheduled in the building.

The district has expended $430,000 in renovation in the building since 2000. Funding has come from a CDE grant ($92,000) for ADA compliance, a three phase State Historical Grant ($200,000) and district general funds.

The Advisory Committee recommended partial funding of this project and an increased district match. This is due to the limited amount of grant funding available and because the district has received a considerable amount of previous grant funding. This project will eliminate additional damage to the building.

South Conejos RE-10 / Guadalupe ES Roof

The cafeteria and kitchen roof is in poor condition. The fascia, soffit and gutter system need major repair. These roofs require complete replacement.

The gymnasium and classroom roof need maintenance work, such as correcting nails lifting through rubberized roofing material and minor tears in the rubber which are causing internal leaks. Sections of rubber will have to be cut out and replaced.

The drainage for the cafeteria and kitchen roof is causing damage to the library and one classroom roof. A major modification will have to be made.

The ceilings leak and there is dripping water in the cafeteria where students eat breakfast and lunch and in the kitchen where food is prepared.

The leaks began this school year with heavy snows, causing internal damage to the cafeteria, kitchen, and kitchen restroom ceilings. The music teacher could not conduct class on stage in the cafeteria, which is often used for choir and band practice, rehearsal and presentations.

There is internal damage to the boy's restroom by the gymnasium, boy's and girl's restrooms in the primary wing, and in the hallway of the primary wing where the roof needs to be repaired.

The Advisory Committee recommends approval of this project to eliminate additional damage to the structure and to re-instate a healthy environment.

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2004 CAPITAL CONSTRUCTION GRANT PROGRAM
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Julesburg RE 1 / ES & HS Roof Replacement

The ES was built in 1952 and the HS was built in 1976. In 1997, there was roof repair completed on both buildings with a life span of 3 years. The roof at both buildings are currently leaking causing major both interior and exterior damage. Interior damage consists of damage to the drywall and ceilings. Exterior damage consists of the deterioration of the brick and mortar. In addition, there are some electrical safety issues as some of the wiring was embedded into the existing roof structure.

If this project is not funded, the school district will have to deal with continued deterioration to both the interior and exterior of the ES and HS buildings. The district will also endure continual expense in patchwork to make temporary improvements, which over time will be more costly to the community and ultimately the complete deterioration of the two school buildings.

The Advisory Committee recommends that the insulation value be increased from R-10 to R-20. There is an increased cost associated with this which raises the grant amount and district matching contribution from what was originally requested. This project will eliminate additional damage to the buildings.

Bethune R-5 / Fire Alarm

The 1927 Bethune Elementary School, the High School gym, and High School shop will have a complete fire alarm system installed. Not one of these spaces has had a fire alarm system at any time of their existence. There is a lot of wood in each of these structures.

The system installed will have combination heat and smoke detectors in the hallways and classrooms. There will be pull stations placed within five feet of every outside exit door. Horn strobes will be installed every thirty feet.

If not funded the students, staff, and patrons of the Bethune School District will continue to be exposed to a safety risk. We currently perform routine fire drills by manually ringing the bell in the areas that do not have a fire alarm. In case of a real fire, the ringing of the bell might not be a possibility because of where the fire may be located. Because of this, students and staff might not be warned in time to get out of the building

The Advisory Committee recommends approval of this project so that the district will have a complete and integrated fire alarm system.

cde

2004 CAPITAL CONSTRUCTION GRANT PROGRAM
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Agate 300 / Fire Alarm System

A new panel, wiring and the required detectors and sensors are being installed with the new addition and remodel to the main building. Unfortunately, it will not work with the existing system being used in the main building and vocational building that aren't being renovated. New wiring, panels, detectors, sensors, etc. are needed in the vocational building and main building to tie into the new portion of the system, for consistent, reliable fire protection. The two existing panels, one in the vocational building and the one in the main building are 15-50 years old. The two current panels do not work together making it very difficult to ensure the safety of all students and staff across the school campus.

Maintenance has become very costly on the two panels and systems due to the age of the panels. Agate School could face a law suit if a fire were to occur and the system did not work properly. Agate School cannot afford to purchase all components necessary for the new fire alarm system, but is willing to contribute funds to the project.

The Advisory Committee recommends approval of this project so that the district will have a fully integrated and safe fire alarm system.

Miami-Yoder 60 / Fuel Tank Replacement and Relocation

According to the district's consultant their fuel tanks are not in compliance with federal regulations and need to be moved from the current site by the road to a more secure area. The tanks also need to be placed on a containment system in case of a spill.

In March of 2004 one of the fuel tanks was shot with a high-powered rifle. The resulting clean up cost is in excess of $100,000. Therefore, the project includes bulletproof tanks. The district's isolated location makes the need for these types of tanks and a security system imperative.

The District's plan is to move the fueling station to the northeast corner of the site away from the main road. The tanks will be bulletproof and placed on a containment system that will be in compliance with state and federal regulations.

Currently, the district is using two above ground 500-gallon tanks for diesel and one 500-gallon tank for gasoline. These tanks do not meet code and are set up for temporary use. The district wants to create the safest system possible. The replacement above ground tanks will be able to hold 1,000 gallons of diesel fuel

and 500 gallons of regular gasoline. The new tanks will be fire, ballistic, and impact resistant.

Damage to one tank has cost the district $110,000 thus far. Federal funding is helping in the clean-up efforts. Without a containment system, and a system that is impact resistant, fire resistant and ballistic resistant the chance of another costly environmental spill and clean up will continue to exist.

The Advisory Committee recommends approval of this project to create safe hazardous material storage.

Haxtun RE-2J / Fire Safety, Electricity Savings and Handicapped Accessibility

The existing fire alarm system is not adequate. The elementary system has not been updated since installed in 1961. The HS system is separate from the elementary system. The two need to be integrated. Neither system is connected to local police or fire stations. The school is located on the edge of town and a fire in the building when unoccupied would not be noticed until major damage occurred. Energy usage is a great expense for the district. With recent projects we have reduced our heating costs significantly however, electrical costs continue to be very high. We will replace existing light fixtures with more efficient models and we will install automatic light on/off switches in classrooms, offices, and gymnasiums to further reduce electricity expenditures. The elementary office area is not handicapped accessible. The doorways are too narrow to allow a wheelchair to enter. A handicapped student or patron cannot enter this part of the building.

If not funded the district will continue to have a serious fire safety concern. The district will also continue to spend funds on electrical energy that could better serve student needs. Meeting the needs of handicapped students and patrons is a priority. We must address this problem.

The Advisory Committee recommends approval of this project to provide a safer and more accessible school.

Projects Not Recommended for Funding (Skipped):

The attached spreadsheet is a listing of all projects for which applications were received for capital construction grant funding through the "School Construction and Renovation Fund". This particular listing is sorted by Project Rank, which identifies the most severe needs related to health and safety issues.

As required, funding was awarded first to school districts from the "Capital Construction Expenditures Reserve", which includes "Powerball Spillover Proceeds", and then to school districts that applied to the "School Construction and Renovation Fund" that did not receive funding from the "Capital Construction Expenditures Reserve" and "Powerball Spillover Proceeds".

The task of the Capital Construction Advisory Committee to the State Board of Education is to review all applications and recommend projects for funding. As the Committee reviews projects, various determinations are made. At times, the project rank established by CDE staff is questioned and projects are passed over. The following is a synopsis of the skipped projects.

Huerfano RE-1 – Peakview ES Phase II Addition

There wasn't enough funding available to fund this project. The project was too large in scope and the district was aware the project could not be funded with available FY 2004-05 funds.

Mesa County Valley 51 – Central HS Electrical Feed Replacement

The committee reviewed the district's fund balances and concluded that there were adequate reserves to fund this project. There were other districts that could not afford their projects with available reserves.

Douglas County RE-1 – Secondary Art Rooms (13) / Additional Air Filtration

The committee reviewed the district's fund balances and concluded that there were adequate reserves to fund this project. There were other districts that could not afford their projects with available reserves.

Monte Vista C-8 – ES Roof

This project was funded from "Powerball Spillover" funds.

Fort Morgan RE-3 – Replace MS Roof (and future roofs at other schools)

This project was funded from "Powerball Spillover" funds.

Montrose RE-1J – Centennial MS Roof Replacement

The committee reviewed the district's fund balances and concluded that there were adequate reserves to fund this project. There were other districts that couldn't afford their projects with available reserves.

Montrose RE-1J – HS Library Roof Replacement

The committee reviewed the district's fund balances and concluded that there were adequate reserves to fund this project. There were other districts that couldn't afford their projects with available reserves.

Fort Morgan RE-3 – Replace MS Fire Alarm (future request to replace fire alarm in two ES)

This project was placed first on a prioritized list of "back-up" projects that will receive unused "Capital Construction Expenditures Reserve" funds and "Powerball Spillover Proceeds". Funding may or may not become available for this project.

Akron R-1 – District Wide Keyless Entry for Exterior Doors

The committee didn't support this project and questioned if this was the best solution in terms of function, quality and economy for the problem.

COLORADO DEPARTMENT OF EDUCATION

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William J. Moloney
Commissioner of Education

Roscoe Davidson
Deputy Commissioner

May 15, 2009

Capital Development Committee
200 E. Colfax, Room 271
Denver, CO 80203

Capital Development Committee:

The General Assembly appropriated 5 million dollars for the School Construction and Renovation fund in FY2003-04. C.R.S. 22-43.7-105 (6), requires that *"...the state board shall prepare a prioritized list of eligible capital construction projects. The state board shall then determine the type and amount of financial assistance to be provided for each eligible capital construction project based upon information provided by the school district in the application. The state board shall submit a list of school districts recommended to receive matching grants for capital construction projects, along with the amount of each grant and the amount of the school district match, to the capital development committee of the general assembly no later than October 1 of the fiscal year for which financial assistance is being sought."*

The State Board approved the following prioritized list of Capital Construction projects at the September 11th, 2003 State Board meeting. Included with this list are summaries of the projects to aid your review.

Please contact me with any questions or concerns.

Thank you,

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cc: Colorado Senate - Chairman Education - Senator Ken Arnold
Colorado House of Representatives - Chairman Education - Representative Nancy Spence
Governor Bill Owens
President of the Senate - Senator John Andrews
Speaker of the House of Representatives - Representative Lola Spradley
Legislative Council – Lori Johnson
Individual Capital Development Committee Members

2003 CAPITAL CONSTRUCTION GRANT PROGRAM
CYCLE 4 PROJECT SUMMARY
SCHOOL CONSTRUCTION AND RENOVATION FUND

cde

				PROJECT DATA					RANKING		RECOMMENDATIONS
School District	County	Facility	Project Description	$ Amount of Project	Previous District Contributions and Grant Awards	District Contribution	Current Amount Requested	Future Requests and Contributions	District Rank	Project Rank	School Construction and Renovation
Widefield 3	El Paso	District Wide	Roof Repair	$ 330,000		$ 49,500.00	$ 280,500.00	$ -	8	1.5	**$ 280,500.00**
East Otero R-1	Otero	La Junta High School	HVAC Replacement - Phase II	$ 808,093		$ 161,610.52	$ 646,482.48	$ -	9	1.3	**$ 646,482.48**
Monte Vista C-8	Rio Grande	Monte Vista HS	HS Roof Replacement	$ 98,004		$ 19,999.68	$ 78,004.32	$ -	10	1.5	**$ 78,004.32**
Edison 54JT	El Paso	Edison Main Bldg	District Installation of GSHP to Renovate Heating/Cooling Systems (Supplemental)	$ 313,645	$ 106,843	$ 35,154.27	$ 171,647.73	$ -	12	1	**$ 171,647.73**
Edison 54JT	El Paso	Edison Main Bldg	Lighting Retrofit (Supplemental)	$ 89,095	$ 29,214	$ 10,179.77	$ 49,701.23	$ -	12	1	**$ 49,701.23**
Peyton 23JT	El Paso	Peyton HS	Water System Construction - For New HS Bldg	$ 290,850		$ 52,353.00	$ 238,497.00	$ -	23	2.9	**$ 137,000.71**
Limon RE-4J	Lincoln	District Wide - Limon Public Schools	District Wide Science Lab and Classroom Addition	$ 517,186		$ 139,997.08	$ 377,188.92	$ -	29	2.2	**$ 377,186.00**
Frenchman RE-3	Logan	Fleming School	Fleming - Air Quality & Energy Efficiency (supplemental)	$ 803,278	$ 673,953	$ 71,824.52	$ 57,500.48	$ -	30	1	**$ 57,500.48**
Stratton R-4	Kit Carson	Stratton Schools	Stratton School Fire Alarm and Roof Project	$ 27,848		$ 7,797.24	$ 20,051.03	$ -	42	1.5	**$ 20,051.03**
Weldon Valley Re-20J	Morgan	K-12 School	New Jr/Sr HS & ES Classrooms / Core Area Renovation	$ 7,171,100	$ -	$ 999,999.76	$ 2,414,600.24	$ 3,756,500.00	43	1.9	**$ 2,414,600.24**
Montrose RE-1J	Montrose	District Wide	Fire Alarm System Replacement	$ 292,160		$ 93,499.96	$ 198,660.04	$ -	56	1.6	**$ 198,660.04**
Holly RE-3	Prowers	District Wide	District Wide Roofing and Walkway Project	$ 248,225		$ 79,429.38	$ 168,795.19	$ -	58	1.5	**$ 168,795.19**
Montezuma Cortez RE-1	Montezuma	Montezuma Cortez HS	HS Partial Re-Roof	$ 165,082		$ 57,778.70	$ 107,303.30	$ -	72	1.5	**$ 107,303.30**
Ault-Highland RE-9	Weld	Highland HS	Roof Replacement to Highland HS	371552.39		$ 121,549.65	$ 250,002.74	$ -	76	1.5	**$ 250,002.74**
Lake County R-1	Lake	Lake County Intermediate School	Exterior Foundation & Playground Drainage	$ 59,950		$ 17,385.50	$ 42,564.50	$ -	85	1.9	**$ 42,564.50**
				$ 11,586,068.23	$ 810,010.00	$ 1,918,059.02	$ 5,101,499.21	$ 3,756,500.00			$ 5,000,000.00
										Appropriated Amount	$ 5,000,000.00

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2003 CAPITAL CONSTRUCTION GRANT PROGRAM
CYCLE 4 PROJECT DESCRIPTIONS

SCHOOL CONSTRUCTION AND RENOVATION FUNDS

Widefield 3 / Roof Repair & Replacement

Widefield 3 has maintained their roof systems in past years using district capital construction funds. These funds have allowed the district to maintain their roof systems year after year. With the increased costs of many construction items it is becoming more difficult to keep pace with these costs. The grant request would allow the district to continue their roofing program and to use more district money for other projects that are needed.

This is a district-wide project. Some roofs will be replaced and some roofs will be repaired, depending on the age of the roof and the condition.

The State Board recommends this project for approval so that the roof leaks will not cause further damage to the facility.

East Otero R-1 / La Junta High School HVAC Replacement – Phase II

The intent of this project is to replace all remaining HVAC systems with package units for heating and cooling. All of the units will be rooftop equipment, which provide better access for preventive maintenance and improved control of energy usage. This project will improve the environmental conditions in the building. There is some asbestos abatement included in the project which is removing some pipe insulation from pipes to be removed and scraping asbestos containing fire proofing material at the locations of new pipe or duct hangers. This project is included in a "Bond Issue" in the upcoming general election to provide the required matching funds. The award is contingent upon the District passing the bond. The project would not be possible at the district level due to the lack of capital reserve funds.

If this project is not funded, both the environmental and health concerns will remain. The present HVAC system is in a severe need of repair due to system age and obsolete technology. Energy consumption will remain high due to the lower efficiency abilities of the system. The State Board recommends this project for approval.

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2003 CAPITAL CONSTRUCTION GRANT PROGRAM
CYCLE 4 PROJECT DESCRIPTIONS

Monte Vista C-8 / Monte Vista High School Roof Replacement

This project will replace the roof over the 1965 addition to the building. The District will remove existing gravel, water damaged insulation and other existing roofing materials and replace with new insulation and roofing membranes.

The project will have to be completed in the next 3-4 years because of deterioration of the roof. Maintenance staff constantly patches leaks and makes repairs to roof drains. Continued leakage causes damage to the interior of the building which further increases the costs. The district is attempting to budget money into the capital reserve fund to address the problem but it will take several years to accumulate the needed amount given current economics. Student safety is a primary concern. Roof leakage exposes students to the danger of electrical problems i.e. shorts and fires.

The State Board recommends this project for approval so that the roof leaks will not cause further damage to the facility.

Edison 54JT / District Installation of Ground Source Heat Pump (GSHP) to Renovate Heating / Cooling Systems

This is a supplemental request to a grant awarded previously for a new GSHP heating/air-conditioning system. After the original grant was awarded test bores were drilled. When the test bores were drilled for the GSHP underground piping, it was discovered that the soil conditions were unsuitable for the design that was contemplated when the original grant was applied for. The previously awarded grant can't be completed without this supplemental grant.

The original project is to replace current coal boiler and steam radiators with a GSHP, honey combed system, and base-board heating/cooling (to replace radiators). The project will replace systems in all areas, including the gymnasium which will be replaced as part of the district matching contribution.

The heating system is a growing health concern because of smoke and coal dust emission from the coal burning boiler. Not having a thermostat results in three days per week and vacation periods with no heat resulting in risk to frozen radiators and damage to equipment like computers. Heating is uneven causing difficult learning conditions in classrooms. Radiators are becoming difficult to maintain, requiring constant repairs and parts fabrication.

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2003 CAPITAL CONSTRUCTION GRANT PROGRAM
CYCLE 4 PROJECT DESCRIPTIONS

Edison 54JT / Lighting Retrofit

This is a supplemental request to a grant awarded previously. The original estimate for the previous grant was provided by a local electrical contractor. When the district received the original grant they discovered that the local contractor was no longer in business to stand behind the estimate that the grant application was based on.

The estimated cost for the project is now well beyond the costs indicated in the original estimate. The revised costs were based upon the final quote from an electrical contractor which included mileage costs and higher wages for the work to be completed.

Parts of the retrofit would provide high-efficiency, low cost alternatives to current inadequate lighting in many classrooms and the building currently being used as the library. The original estimate upon which the grant request was based did not include engineering costs.

Failure to complete this retrofit would result in continued high electrical bills and poor lighting that detracts from the students' ability to learn. Edison has been using a quick fix of fabricated lights (made in the Edison shop) in low-light areas. These lights reduce the effects of inadequate lighting, but create a safety hazard in that they are fabricated and not properly tested or UL listed. They can also be tipped over by students resulting in potential injury from the glass contained in the lamp or from the falling stand itself.

Peyton 23JT / Water System Construction for New HS

The grant application includes the off-site construction phase of the overall construction project. This includes the construction of the water system, including the waste water system and the auxiliary fire hydrant and sprinkler system.

The district is putting a bond issue on the November 2003 ballot to fund the construction of a new HS. Receiving grant funding for this portion of the project will increase the likelihood of receiving voter approval for the bond issue. The award of this project is dependent on a successful bond election. This project is being recommended for approval partially from the School Construction and Renovation Fund and has already been partially funded from the powerball spillover funds.

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2003 CAPITAL CONSTRUCTION GRANT PROGRAM
CYCLE 4 PROJECT DESCRIPTIONS

Limon RE-4J / District Wide Science Lab & Classroom Addition

This science lab addition is part of the District Master Plan. The new addition will include two classrooms and a lab with walk-in storage and an adequately sized and separated chemical storage area. The lab will support both chemistry and biology classes. The current science lab and classroom will be converted to general classrooms. The addition will join the existing high school and in-fill the area between the 1995 business addition and the 1963 high school. It will be a steel structure with a brick veneer facade. The lab will contain 25 work stations with sinks, natural gas, cabinets and drawers.

If not funded there will be continued safety problems with student supervision, chemical storage ventilation, inadequate emergency eye and body wash stations, obsolete fume hood limiting science experimental learning, and the on-going safety issue of a lack of separation between the classroom and the lab. Not completing the addition will also result in not being able to provide chemical, biology, and physics labs as scheduling becomes a problem.

Frenchman RE-3 / Air Quality & Energy Efficiency

This is a supplemental request to a project that was funded in Cycle 3. During the original grant application, the cost of the entire project was estimated to cost $567,566 with a contingency of $56,757 for a total project of $673,953. After final quotes had been obtained for the open-loop-well ground source heat pump system, the final project cost was $745,778. The district agreed to borrow the additional funds necessary to complete the project for this price. However, after three test wells were drilled no water was discovered. The engineer hired by the school district re-designed an alternative ground source heat pump system utilizing a horizontal pit system that does not require ground water. However, the school district now has additional piping costs of $30,000 plus the “dry well” charges from the drilling contractor of $19,800 plus $7,700 in well casing purchased by the drilling contractor for which the school district is liable. This is a total additional cost of $57,500. Since the contingency monies have already been exhausted from cost overruns beyond estimates and the district has already obligated $71,825 more than originally anticipated, Frenchman RE-3 needs these funds to complete this re-designed project.

The project is currently in progress and the school needs to make a decision on what they can afford as it relates to this project. If funds are not obtained, the district may need to make decisions to cut the project budget that will eliminate the ground source heat pump option and increase the long term cost of operating the school facility. Without these additional funds, the district will not be able to

correct many of the problems described in the original grant application. Nor will their operating costs be reduced as anticipated.

Stratton R-4 / Fire Alarm and Roof Project

Stratton R-4's capital project has two main areas of focus and concern. One day last year the head of maintenance went to pull the fire alarm for a drill only to discover the system did not activate. This caused great concern for Stratton Schools. The incident gave cause to investigate the situation and the district found some troubling facts. The entire fire alarm system is antiquated and has outlived its purpose. They were able to fix the system well enough to "stop-gap" the problem but the system must be replaced.

In addition to the fire alarm system, a section of the roof must be replaced because of poor workmanship when it was installed in 1993. Gen Flex Corporation has agreed to replace the roof. The district's cost of the project is to add a pitch to the roof so that drainage will be better, which is additional scope to the original 1993 roof project. In addition, the floor covering below the damaged roof has to be replaced and is included in the grant application.

The leaks in the roof cause more and more internal damage the longer they are left un-repaired. The largest area is the library and this is also the area that has sustained the most damage. Thousands of dollars of books are at risk through this leaky roof. The district is experiencing continued risk of water damage to flooring, not to mention the musty smell from the stains and pooling or the exposure to the risks of mold.

The State Board recommends this project for approval so that the roof leaks will not cause further damage to the facility.

Weldon Valley Re-20J / New Jr/Sr High School & Elementary School Classrooms / Core Area Renovation

The grant application that is being recommended for approval is for the first phase of a 3-phase project.

Phase 1 – New Junior High / Senior High School Classrooms (Recommended for Approval). The new 21,704 sf. facility will contain the following educational spaces for Junior High and High School level grades: Art room, science and health room, science classroom, social studies classroom, social studies/language arts classroom, language arts classroom, business classroom, computer lab, math classroom, media center, media center materials room, media center reading room, special education room, staff room, distance learning

room, counseling office, conference room, general storage space, restrooms, custodial closet, mechanical/electrical room, and circulation/corridor space. This structure will connect to the present cafeteria, gymnasium core area.

Phase 2 – (Future Request - Not Recommended for Approval) New Elementary School Classrooms – This structure will connect to the present cafeteria, gymnasium core area. There will be seven classrooms each approximately 1000 sf.

Phase 3 – (Future Request 3-5 Years - Not Recommended for Approval) Core Area Renovation – Add a fire detection/alarm system, update code compliant mechanical and electrical systems, new energy efficient HVAC and lighting systems, minor renovation of existing rooms to house administration and Board

meeting rooms, enlarge locker rooms and make them ADA compliant, and expand parking area to meet current needs.

The District will attempt a bond election in November 2003 for the matching funds. This award is contingent upon the District passing the bond. The district has hired a consultant and executed a facility master plan that resulted in these projects. This shows good planning and a commitment by the district.

The District's assessed value does not provide the ability for the District to fund this project completely. The grant program is the only way Weldon Valley will ever have to improve their educational facilities.

The existing facility, that is to be replaced in phase I, is 86 years old and has exceeded its useful life. There are many safety, code and ADA issues that make renovating the existing facility impractical.

Montrose RE-1J / District Wide Fire Alarm System Replacement

This project would include replacement of the fire alarm system in building A of Pomona ES, and the entire systems at Centennial Jr. HS and Columbine MS. All systems to be replaced will be upgraded to meet current ADA regulations. Audio/visual upgrades will be implemented for each system corrected. This will include an audio/visual alarm, correcting certain lighting, providing appropriate spacing and level of placement for all devices, and placing devices in restrooms. 'Smart' panel digital devices will be implemented in order to assist fire fighters in locating the zone of the fire. The provision of fire rated corridors and fire sprinklers within the three schools will also be investigated. The fire alarm systems identified as non-compliant in the Burke Associates evaluation have been "grandfathered." The non-compliant systems can be allowed, in spite of the

fact that they are a risk to public health and life safety, since the building is an existing building and was most likely constructed to the standards at the time. If the entire system is being replaced or the space is undergoing major remodel efforts, then all systems and physical aspects would need to be upgraded to be in compliance with the applicable codes.

The health and safety of younger students could be jeopardized by continuous use of the existing system. Additionally, the time and expense to upgrade this system will only increase, making this project cost prohibitive.

The district made a commitment to their facilities by passing a bond issue in November 2002, which is addressing many of their facility needs.

Holly RE-3 / District Wide Roofing and Walkway Project

Holly Schools have two serious needs (1) A walkway project to replace sidewalks around all the school buildings (2) Roofing project for four buildings on the schools' campuses. The walkways around the schools are very dangerous. In some spots the sinking and raising creates hazards that are 4-5 inches. These walkways are particularly dangerous to the students and elderly people who visit the campus for school and community events. The walkways will be dug out and replaced in the worst sections of the school. Four of Holly's schools are in serious need of roof repair. The prices include tear-off, haul-away and installation of a new roof with a modified bitumen system. Altogether it is estimated that 75% of the roofs need to be replaced.

Holly Schools are in a position that something must be done with the roof. The ceilings in the HS have asbestos containing acoustical spray. The leakage is to the point they can no longer patch the problems as more and more holes are popping up with each new bit of moisture. Waiting on this project means more damage to the ceilings and walls on the interior of the school and a distraction from the learning environment. The walkways must be repaired as currently they are the greatest physical liability on the campus. Someone is going to be seriously injured by the jagged and broken concrete.

The State Board recommends the roof portion of this project for approval so that the roof leaks will not cause further damage to the facility and/or damage to the asbestos containing acoustical spray on the ceilings in the high school. This is a partial recommendation that doesn't include the sidewalk portion of the project due to limited funds.

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2003 CAPITAL CONSTRUCTION GRANT PROGRAM
CYCLE 4 PROJECT DESCRIPTIONS

Montezuma Cortez RE-1 / Montezuma Cortez High School Partial Re-Roof

This project has been delayed due to financial constraints. The District is concerned about roof leaks and their affect on ceiling tiles, furniture, and flooring. There is potential for asbestos issues should this damage occur.

If not funded there is potential exposure to friable asbestos and extensive damage to structure and equipment.

The State Board recommends this project for approval so that the roof leaks will not cause further damage to the facility.

Ault-Highland RE-9 / Highland High School Roof Replacement

The High School roof replacement project will remove the failing built-up roof systems from the 1976 construction. The total area to be re-roofed is 27,777 square feet. In tandem with the roof repairs, four existing 27 year old mechanical rooftop units that provide heat to the building will be replaced with new DX mechanical units & curbs. These new units will provide heating & air conditioning for the HS.

The roof has exceeded its anticipated life span by 7 years. The annual maintenance and repair costs are growing with continuing deterioration. The masonry walls show signs of efflorescence and cracking. The incorrect roof slope has caused drainage problems. This deterioration will cause, and may already have caused, structural damage beyond the currently observed "cosmetic" damage. Additionally, leakage is causing damage to finishes and equipment and is potentially accelerating mold and mildew growth, i.e. health hazards.

The State Board recommends this project for approval so that the roof leaks will not cause further damage to the facility.

Lake County R-1 / Lake County Intermediate School Exterior Foundation & Playground Drainage

The exterior drainage system on the east side of the building and the playground needs to have a new drainage system installed. Water from snow melt and rain is running along and inside the existing foundation wall. The foundation needs to be exposed, re-damp proofed and a gravel bed with drain tile installed.

The State Board recommends this project for approval to eliminate the risk of damage to the foundation of the building.

COLORADO DEPARTMENT OF EDUCATION

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William J. Moloney
Commissioner of Education

Roscoe Davidson
Deputy Commissioner

TO: Capital Development Committee

FROM: Vody Herrmann
Director, Public School Finance

DATE: October 15, 2003

RE: Description of Projects Not Funded

The attached spreadsheet is a listing of all projects for which applications were received for capital construction grant funding through the "Capital Construction Expenditures Reserve", "School Construction and Renovation Fund" and "Powerball Spillover Proceeds". This particular listing is sorted first by districts that applied specifically for assistance through the "School Construction and Renovation Fund". Next, it was sorted by Project Rank, which identifies the most severe needs related to health and safety issues.

As required, funding was awarded to school districts from the "Capital Construction Expenditures Reserve" first and then to school districts that applied to the "School Construction and Renovation Fund" that did not receive funding from the "Capital Construction Expenditures Reserve".

The task of the Capital Construction Advisory Committee to the State Board of Education is to review all applications and recommend projects for funding. As the Committee reviews projects, various determinations are made. At times, the project rank established by CDE staff is questioned and blanket policies are agreed upon, such as not funding bus loops or curb cuts for bus loading/unloading since they are part of the school grounds rather than part of a building.

Projects Not Recommended for Funding (Skipped):

Project 94, Sangre de Cristo RE-22J – New Jr/Sr High School Classrooms

This project was withdrawn by the district. It was initially intended to be part of a bond issue, but because of the water shortage and possible election question to bring in needed water to the community, the district decided to delay their bond question.

Project 80, Widefield 3 – School Safety and Security

The primary focus of this project was to change and upgrade entry locks in three schools. The Committee thought the project ranking done by CDE staff was a little too high and did not believe the project met the urgency of other projects. Funding was recommended for a roofing project for Widefield in the amount of $280,500.

Project 132, East Otero R-1 – Student Access and Parking

The Committee agreed on a policy that bus unloading projects were outside the statutory criteria and would not be funded. There are many "building/facility" needs that cannot be addressed with the available funding. Two other projects were recommended for East Otero, totaling approximately $710,000.

Project 5, Elbert 200 – Safety and Security

This project was primarily to be used for telecommunication wiring (cat-5 cable). The wiring would have provided phone and computer connections. The Committee did not believe this project ranked as high in priority as other projects.

Project 64, Montezuma-Cortez – Cafeteria Tables

Even though the monies could be used for furnishings, the Committee did not believe this project ranked as high in priority as other projects. These cafeteria tables are not stand alone tables, they actually fold up into the wall. However, Montezuma-Cortez has received multiple awards in the last three cycles, totaling $566,329.

Project 128, Archuleta County 50 JT – Elementary School Bus Safety

The Committee agreed on a policy that bus unloading projects were outside the statutory criteria and would not be funded. There are many "building/facility" needs that cannot be addressed with the available funding. The district ranked 131 out of 178 districts in per pupil assessed valuation.

Project 130, Rocky Ford R-2 – Ventilation Upgrades

Rocky Ford intended to add roof top ventilation units to provide airflow to areas of the Liberty Elementary School that is severely lacking airflow. Airflow is currently provided with opened windows. However, Rocky Ford has been experiencing declining enrollment and is trying to determine if they will close a school. The Committee decided to hold on the ventilation project until that decision is made. It would not be prudent to provide funding for a project in a school that could be closed.

Project Recommended for Funding With Lower Project Ranking:

Project 57, Peyton 23JT – Water System Construction for New High School

Peyton is posing a bond question on the November 4th election for the construction of a new high school. The existing middle/high school is beyond capacity. The aging building is deteriorating, fire safety is a concern, and the district is faced with increasing maintenance issues. Peyton ranks 23rd in the state in per pupil assessed valuation. The district is asking for assistance from its voters and the Committee recommended funding this project (out of order), to provide help to a district that is doing it's best to help itself. If the bond election is not successful, the funding will not be awarded to Peyton for the water system. The monies would remain in the fund for future distribution.