



*COMMITTEE OF THE WHOLE
MEETING*



NOVEMBER 13, 2006

**NOTICE OF MEETING
SCHOOL DISTRICT NO. 17**

Notice is hereby given of a Board of Education meeting of School District No. 17, in the County of Douglas, which will be held at 7:00 p.m. on **Monday, November 13, 2006** at 5606 South 147th Street, Omaha, Nebraska.

An agenda for such meetings, kept continuously current are available for public inspection at the office of the superintendent at 5606 South 147th Street, Omaha, Nebraska.

JULIE JOHNSON,
Secretary

11-10-06

**THE DAILY RECORD
OF OMAHA**

**RONALD A. HENNINGSEN, Publisher
PROOF OF PUBLICATION**

UNITED STATES OF AMERICA, }
The State of Nebraska, } ss.
District of Nebraska, }
County of Douglas, }
City of Omaha, }

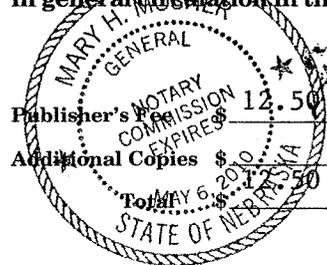
J. BOYD

being duly sworn, deposes and says that she is

LEGAL EDITOR

of THE DAILY RECORD, of Omaha, a legal newspaper, printed and published daily in the English language, having a bona fide paid circulation in Douglas County in excess of 300 copies, printed in Omaha, in said County of Douglas, for more than fifty-two weeks last past; that the printed notice hereto attached was published in THE DAILY RECORD, of Omaha, on _____
November 10, 2006

That said Newspaper during that time was regularly published and in general circulation in the County of Douglas, and State of Nebraska.



Subscribed in my presence and sworn to before me this 10th day of November 20 06

Notary Public in and for Douglas County, State of Nebraska

Copy was cancelled

MILLARD PUBLIC SCHOOLS

The Board of Education will meet on Monday, November 13, 2006, at 7:00 p.m. at the Don Stroh Administration Center, 5606 South 147th Street.

The Public Meeting Act is posted on the Wall and Available for Public Inspection

Public Comments on agenda items - This is the proper time for public questions and comments on agenda items only. Please make sure a request form is given to the Board Vice-President before the meeting begins.

AGENDA

1. Building Fund Construction Project Requests
2. Bill Mueller, District Lobbyist

*This Mtg was
Cancelled and
Rescheduled to
November 27, 2006*

Public Comments - This is the proper time for public questions and comments on any topic. Please make sure a request form is given to the Board Vice President before the meeting begins.

SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Board of Education Committee Meeting
November 13, 2006

**Building Fund Project Requests
for
Summer 2007**

SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Projects were initially recommended and prioritized by the Maintenance Department, then reviewed and prioritized by the District's Special Projects Committee on October 9, 2006.

SUMMER PROJECTS 2007

Millard Public Schools

Project Management

- Athletics: NHS & SHS Tracks, WHS Tennis Courts
- Paving: Holling Hgts, Rockwell, NMS, Buell Stadium
- Irrigation: AMS, BMS, CMS, NMS
- Weatherproofing: Bryan, Harvey Oaks, Holling Hgts, KMS
- Exterior: Neihardt Soffits & Fascia
- Roofs: Sandoz, Holling Hgts, NHS
- Mold Remediation: NHS
- Doors/Frames: 8 Buildings
- Flooring: Aldrich, WHS
- HVAC: Ezra, Sandoz, AMS, CMS, RMS
- Plumbing: Cottonwood, Hitchcock
- Painting: AMS

SUMMER PROJECTS 2007

Millard Public Schools

Project Management

NHS and SHS Running Tracks

NHS

SHS



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

WHS Tennis Courts



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

NHS & WHS Shot Put & Discus Sectors

NHS

WHS

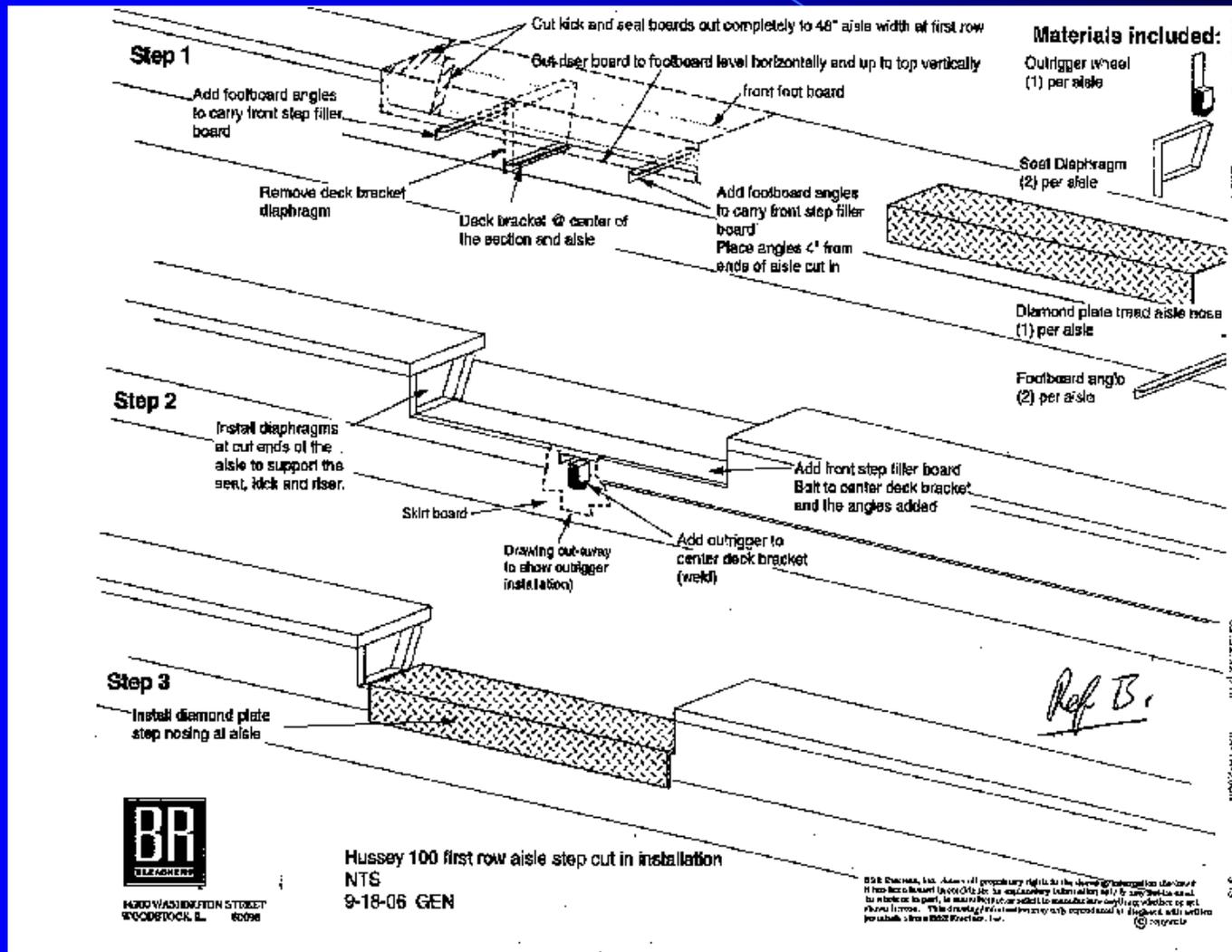


SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Bleacher Aisle Steps: AMS, RMS, NHS



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Holling Heights Paving

Front Entrance: Base Bid



N.E. Play Area: Alternate 1



SUMMER PROJECTS 2007

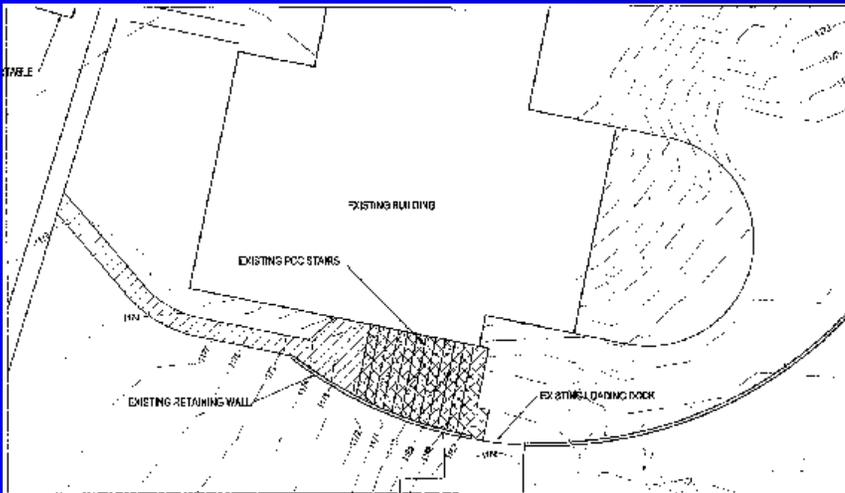
Millard Public Schools

Project Management

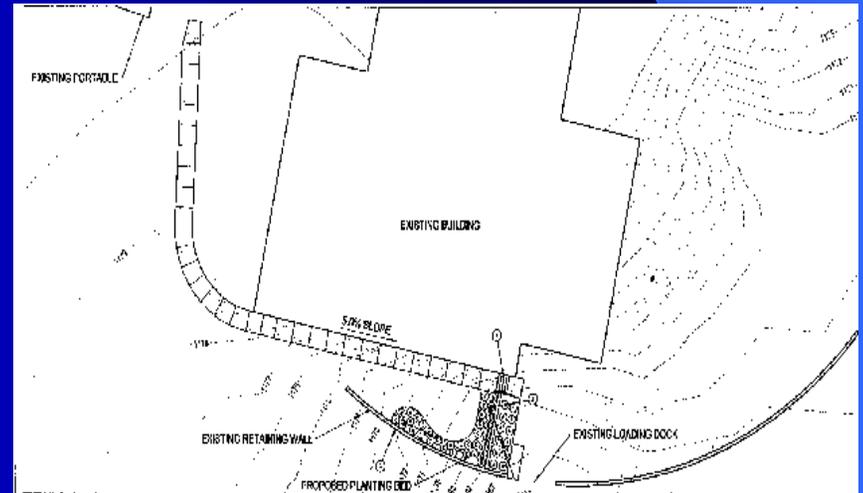
Rockwell Concrete Steps



Existing Plan



New Plan



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

NMS Paving

Dock & West Drive: Base Bid



South Drive: Alternate 1



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Buell Stadium Upper Deck



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Irrigation Management System **AMS, BMS, CMS, NMS**

Connects local, independent irrigation controls to the computers of centrally-based managers through existing radio frequency and data network systems. Three high schools were completed and brought on-line in summer 2006.

Benefits

- Provides full remote control of significant irrigation systems by district-level managers
- Reduces water consumption
- Ensures district-wide continuity for irrigation practices, quantities, start/stop times, etc.

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Millard Public Schools

Project Management

Weatherproofing Projects Bryan, Harvey Oaks, Holling Heights, KMS



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Neihardt Soffits & Fascia

South Front Entrance



North Playground Entrance



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Millard Public Schools

Project Management

Magnitude of Existing MPS Roofs

- 2.6 million sq. ft. (i.e., 58 football fields)
- 130,000 sq. ft./yr (20-year avg. life)
- \$ 1.43 million/yr. budget (Bldg. Fund)

- New roof area to be added through 2008:
 - 253,096 sq. ft.
(5.6 additional football fields)

- Existing roofs currently beyond 20 yrs:
 - 16 Elementary Schools
 - 2 Middle Schools
 - 2 High Schools
 - 1 Support Services Center



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Methods Developed for MPS Roofing:

- Roofing Solutions, Inc. (RSI) of Kansas City was hired in 2005 to develop specifications and manage the planning and construction of all district roof projects
- Performance-based specifications promote open competition among a number of pre-approved roof material manufacturers and local sub-contractors, while delivering high-quality, cost-effective roof systems
- Elementary 24 was the first new project to utilize these methods, also used for Bryan, NMS and CMS re-roofing projects in summer 2006
- Bahr, Vermeer, Haecker (BVH) of Omaha were chosen as the architectural firm to prepare plans and bid documents, working in coordination with RSI
- In tandem with the BVH contract administrator, RSI provides an on-site inspector to verify compliance of roof construction operations
- RSI provides infra-red scans, digital photographs and complete construction observation reports, post-construction

SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Sandoz Re-roof Phase II of II



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Holling Heights Re-Roof Phase II of II



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Project Management

North High School Phase I-07



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

North High School Mold Remediation



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Project Management

Exterior Door and Frame Replacements

Cather, Cody, Harvey Oaks, Neihardt, KMS, RMS, NHS, SHS
Cather Neihardt



Cody



RMS



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Project Management

Aldrich Carpet Replacement



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Project Management

WHS Carpet Replacement Phase I of III

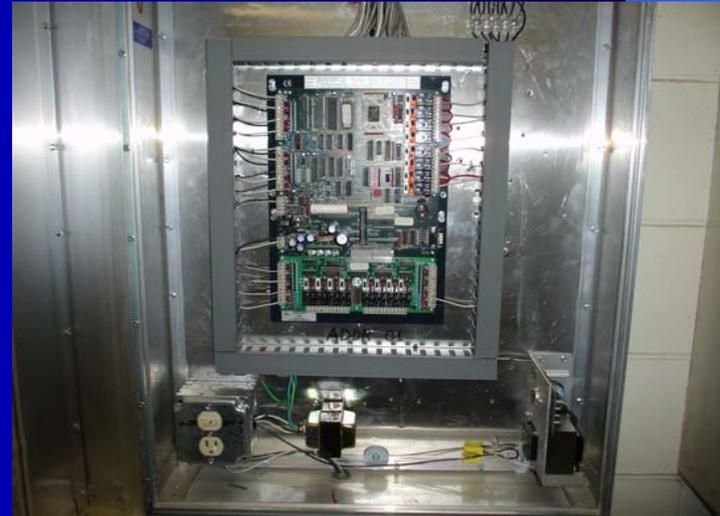


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Project Management

Ezra HVAC Improvements



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Sandoz Replacement Roof Top HVAC Units



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Project Management

AMS HVAC Improvements Phase II of II

An HVAC study, DDC control installation, mechanical repairs, re-balancing and re-commissioning were all completed in summer 2006. Results clearly indicated the need for Phase II. Phase II scope will upgrade the ventilation equipment and install additional air conditioning capability for outside air.

The criteria for the Phase I work were:

- 1986 Original equipment does not condition outside air
- Humid outside air creates comfort and humidity issues
- Rooms below-grade require higher-quality ventilation
- Conditions are worst when outside air is cool and humid
- Humidity control is essential to prevent mold growth

SUMMER PROJECTS 2007

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Project Management

CMS Replacement Air Handling Units



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Millard Public Schools

Project Management

RMS HVAC Improvement Study for I.A.Q.

Indoor Air Quality (I.A.Q.) Study criteria to include:

- **Air flow and volume**
- **The need to condition make-up air**
- **Increase fresh air to indoor spaces (lower CO₂ levels)**
- **Prevent mold growth**
- **Improve HVAC controls**

SUMMER PROJECTS 2007

Millard Public Schools

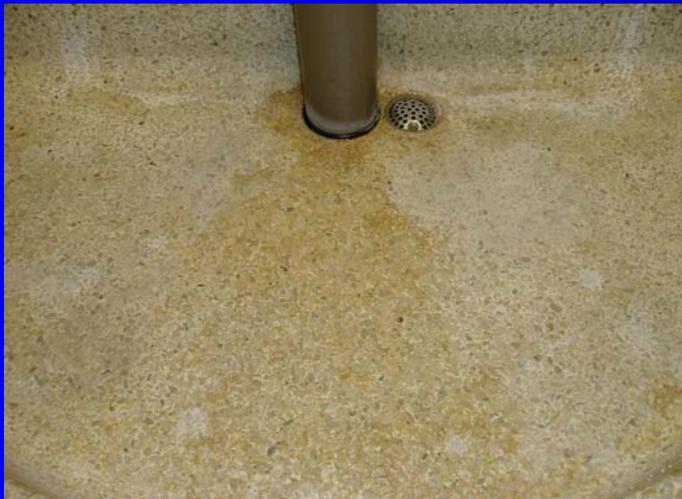
Project Management

Cottonwood & Hitchcock Wash Fountains

Cottonwood



Hitchcock



SUMMER PROJECTS 2007

Millard Public Schools

Project Management

AMS Painting at Corridors & Commons



Capital Building Fund Projects for 2007 - Preliminary Estimates and Final Committee Priorities

Revised 11-6-06 (NHS costs shown in light blue cells are "guesstimates" only)

Discipline	Sub Group	Location	Project Description	M & O Priority	S P Cmte Priority	Construction Cost	Estimated Soft Costs (18%)	Estimated Total Project Cost	Other Project Conflict	Summer Program Conflict	
Civil	Athletics	NHS	Re-stripe running track	7	7	5,000	900	5,900	no	probably not	
		SHS	Re-stripe running track	8	8	5,000	900	5,900	no	probably not	
		WHS	Recondition tennis court surfaces, improve drainage add gates,	39	39	40,750	7,335	48,085	no	potential	
			NHS & WHS	Modify shot put and discus events for new NSAA sector regulations	regulatory	regulatory	84,200	15,156	99,356	no	probably not
		Irrigation	Multiple Sites	Irrigation Management System for Bryan, AMS, BMS, CMS, NMS	23	23	19,000	3,420	22,420	no	probably not
		Paving	Rockwell	Replace and improve south concrete steps	11	11	24,500	4,410	28,910	no	probably not
			NMS - Base Bid	Replace dock and concrete paving at entire dock drive	13	13	101,100	18,198	119,298	no	probably not
			NMS - Alternate 1	Replace concrete paving at south drive areas	new	new	55,850	10,053	65,903	no	probably not
			Buell Stadium	Replace entire concrete apron at top of stadium on Home side	29	29	77,800	14,004	91,804	no	probably not
			Holling Heights Base Bid	Front main sidewalks replaced	48	38	14,900	2,682	17,582	roofing-water	potential
		Holling Heights Alternate 1	Replace & improve northeast concrete play area and sidewalk	new	new	62,675	11,282	73,957	roofing-water	potential	
Architectural	Athletics	SHS	Sand, re-paint striping, re-finish Main Gym floor	21	21	31,500	5,670	37,170	potential	no summer programs	
		SHS	Sand, re-paint striping, re-finish 9-10 Gym floor	22	22	23,750	4,275	28,025	potential	no summer programs	
		NMS	Install power tractor system	40	34	20,000	3,600	23,600	no	potential	
		RMS	Modify 1st row aisle step at 6 locations for safety	34	35	3,000	540	3,540	no	potential	
		NHS	Modify 1st row aisle step at 11 locations for safety	35	36	6,000	1,080	7,080	no	potential	
		AMS	Modify 1st row aisle step at 6 locations for safety	33	37	2,700	486	3,186	no	potential	
		Doors-Windows	RMS	North and West exit doors replaced (4 pairs)	19	6	32,000	5,760	37,760	no	potential
			KMS	North entrance doors replaced (2 pairs)	15	15	16,000	2,880	18,880	no	potential
			Neihardt	Front entrance doors replaced (1 pair)	16	16	14,400	2,592	16,992	soffit-fascia	potential
			Harvey Oaks	Mechanical Room exterior doors replaced (1 pair)	17	17	7,000	1,260	8,260	waterproofing	potential
			Cody	Dock door replaced (one single door)	18	18	3,500	630	4,130	no	potential
			Cather	Main entrance doors replaced (2 pairs)	20	20	20,000	3,600	23,600	no	potential
			NHS	5 East exit doors replaced (5 pairs)	44	30	35,000	6,300	41,300	potential	probably not
			SHS	Wood Shop exterior door replaced (one single door)	45	31	3,500	630	4,130	no	probably not
		Exterior	Neihardt	Replace two cedar soffits and fascia with new EIFS surfaces	28	28	26,200	4,716	30,916	entrance doors	potential
	Mold Remediation	NHS	Remediation of mold in wall cavities at perimeter of SE wing	new	new	660,000	118,800	778,800	yes-coordinate	no summer programs	
	Flooring	Aldrich	Replace carpet throughout	14	14	106,000	19,080	125,080	no	potential	
		WHS	Replace carpet Phase I of III	30	33	81,900	14,742	96,642	potential	potential	
	Painting	AMS	Re-paint all corridors	10	10	42,000	7,560	49,560	HVAC Phs II	no summer programs	
	Roofing	Sandoz	Re-roof Phase II of II	1	1	389,800	70,164	459,964	RTU's	potential	
		Holling Heights	Re-roof Phase II of II	43	3	305,700	55,026	360,726	sidewalks-water	potential	
		NHS	Re-roof Phase I-07	new	new	453,000	81,540	534,540		no summer programs	
	Weatherproofing	KMS	Exterior caulking, sealing, tuck-pointing, flashing, drip edges	5	5	46,200	8,316	54,516	no	probably not	
		Holling Heights	Exterior caulking, sealing, tuck-pointing, flashing, drip edges	6	19	22,400	4,032	26,432	roofing-sidewalks	probably not	
		Harvey Oaks	Exterior caulking, sealing, tuck-pointing, flashing, drip edges	26	26	26,400	4,752	31,152	mech room doors	probably not	
		Bryan	Exterior caulking, sealing, tuck-pointing, flashing, drip edges	27	27	38,150	6,867	45,017	no	probably not	
Mechanical	Plumbing	Cottonwood	Replace washfountains in all student restrooms	24	24	30,000	5,400	35,400	no	potential	
		Hitchcock	Replace washfountains in all student restrooms	25	25	60,000	10,800	70,800	no	potential	
		HVAC	Ezra	HVAC Improvements	commitment	commitment	183,388	33,010	216,398	no	potential
			Sandoz	Replace multi-zone RTU's (concurrent with re-roofing Phase II of II)	3	2	582,000	104,760	686,760	roofing	potential
			CMS	Abandon AHU under stage area, replace with RTU	4	4	55,000	9,900	64,900	no	potential
			AMS	HVAC Improvements Phase II of II (evaluation does indicate need)	9	9	491,000	88,380	579,380	corridor painting	no summer programs
			RMS	Study HVAC Improvements for make-up air and exhaust	46	32	16,500	2,970	19,470	no	probably not
				(A) Estimated Total Construction Costs			4,324,763				
				(B)10% Construction Cost Contingency			432,476				
				(C) Estimated Total Soft Costs			778,457				
			(D) Estimated Total 2007 Project Requests (A+B+C)					\$5,535,697			

SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Cost Total Definitions

(A) Estimated Total Construction Costs: Anticipated amount of bid award

(B) Construction Cost Contingency: = 10% of (A)

(C) Estimated Total Soft Costs include:

- Architect's and engineer's fees, including contract administration
- Document printing and postage
- Survey, geotechnical, and construction testing fees
- HVAC air and water balancing, HVAC commissioning fees
- Project support costs to MPS vendors and sub-contractors

(D) Estimated Total Project Requests: Sum of (A+B+C)

SUMMER PROJECTS 2007

Millard Public Schools

Project Management

Total Project Cost Summary by Discipline

Civil Projects	579,115
Architectural Projects	2,850,998
Mechanical Projects	1,673,108
10% Contingency	<u>432,476</u>
Total Capital Requests	\$5,535,697