PHYSICAL PLANTS AND FACILITIES COMMITTEE
MINUTES
AUGUST 31, 2009; 6:00 P.M.
WARREN COUNTY CAREER CENTER, LARGE CONFERENCE ROOM

COMMITTEE MEMBERS PRESENT:

Mrs. Donna Zariczny, Committee Chairperson
Dr. Jack Martin, Committee Member Pro Tem
Mr. Tom Knapp, Committee Member
Dr. Norbert Kennerknecht, Director of Buildings and Grounds Services

COMMITTEE MEMBERS ABSENT:

Mr. David Wortman, Committee Member

OTHERS PRESENT:

Ms. Kim Angove, Board President
Dr. Robert Terrill, Superintendent
Ms. Karen Pascale, Director
Ms. Rosemarie Green, Director
Mr. Matt Jones, Administrator
Representative from *Times Observer*
Mr. Jeff Wilson, Playing Surface Solutions
Members of the Public
Mr. J.F. Lockett, Board Vice-President
Ms. Amy Stewart, Director
Ms. Amanda Hetrick, Director
Mr.Paul Giannini, Administrator
Mr. Nate McNett, WCCC Teacher
Mrs. Melissa McLean, Recording Secretary

1. Opening Activities

1.1 Call to Order

Meeting called to order at 6:00 p.m. by Chairperson Zariczny.

1.2 Public Comment

None

2. Old Business

2.1 Playing Surface Solutions Update – EMHS & YHS Tracks (Mr. Jeff Wilson)

Discussion:

Samples of material were applied to the tracks at EMHS and YHS. Further action is pending approval of Playing Surface Solutions addition to the Co-Stars procurement list.

Action:

None

Motion:

None

2.2 Gas and Oil Drilling at WAHS (Mr. Jim Hunter)

Discussion:

Due to weather Mr. Hunter has been unable to obtain accurate data. Follow-up will occur at the September 28, 2009 PP&F Committee Meeting.

Action:

None

Motion:

None

2.3 Update: Education Specifications (for EMHS) Request for Qualifications

Discussion:

Qualifications are due September 11, 2009.

Action:

None

Motion:

None

3. New Business

3.1 EOC Request for Right of Way at YEMS

Discussion:

Mr. Robert Raible, Executive Director of EOC, requested a right of way on the Youngsville Elementary Property on behalf of the EOC. Similar request was denied in 2007. Committee denied request.

Action:

Administration to inform EOC.

Motion:

None.

Attachments:

3.1a – EOC Request for Right of Way at YEMS

3.2 Double Rainbow Request – Parking Lot Usage at EMHS

Discussion:

Double Rainbow Farm has requested to use the EMHS parking lot on September 26, 2009 as overflow parking for an event they are hosting. EMHS Principal, Mr. Gary Weber, has approved request at the building level.

Action:

Administration to ask solicitor to provide a Lease/Release Agreement. Forward motion to September Board meeting.

Motion:

That the Board of School Directors approves a lease/release agreement with Double Rainbow Farms for vehicle parking at Eisenhower High School on September 26, 2009.

Attachments:

3.2a – Double Rainbow Request – Parking Lot at EMHS.

3.3 Open-ended Paving Maintenance, WCSD Project 0907

Discussion:

Agreement is a maintenance and repair agreement.

Action:

Forward motion to September 2009 Board meeting.

Motion:

That the Board of School Directors approves an open ended construction contract to Suit-Kote Corporation for paving maintenance and asphalt paving repair work.

Attachments:

3.3a – Open Ended Paving – Bid Tab Sheet
3.3b – Open Ended Paving – Blank Bid Form.

3.4 Educational Specifications Review

Discussion:

Attachments include information from PDE regarding Educational Specifications, and a checklist for criterion to evaluate an Ed. Spec.

Action:

Administration to discuss status of Central Attendance Area Kindergarten Elementary Educational Specification with DeJong Inc.

Motion:

None.

Attachments:

3.4a – Ed Spec Criterion Evaluation Checklist
3.4b – PlanCon – Ed. Spec. Desc.
3.4c – CAA Ed Spec – from DeJong
3.4d – Ed Spec Review – from HRLC
3.4e – Ed Spec Review – from WTW.

4. Informational Items

4.1 Project Status Updates

Discussion:

Dr. Kennerknecht presented a slideshow with pictures of some projects completed during the past summer. They included:

1) Water proofing at BWMS, WCCC, and WCTC
2) Concrete repairs at EMHS and SAMHS
3) Asphalt repairs at AVES, YEMS, and WAHS
4) Carpet installation at LEC and BWMS
5) Stair treads replaced at BWMS and YHS
6) Cafeteria upgrades at BWMS
    a) New ceiling
    b) Energy efficient lights
    c) New flooring
7) Classrooms reconfigured to create two new computer rooms at SAMHS
8) Main entrance reconfigured for additional security at YHS

9) Kitchen Equipment Upgrades:
    a) BWMS
        i) 2 double convection ovens
        ii) steamer
        iii) six burner stove
        iv) food warmer
    b) EMHS
        i) Steamer
        ii) Double door reach-in cooler
        iii) Double door reach-in freezer
    c) RES
        i) Food warmer
    d) SAMHS
        i) Double door reach-in cooler
        ii) Walk in cooler
        iii) Walk in freezer
    e) SES
        i) Steam table
    f) SGES
        i) Double door cooler
    g) WAHS
        i) Steamer
    h) YHS
        i) Reach-in cooler – single door
        ii) Walk in cooler
        iii) Walk in freezer
10) SmartBoard Installations:
    a) All rough wiring and equipment mounts will be completed by September 8, 2009.
11) WAHS Curtain Wall Replacement – Phase II (WCSD Project 0807):
    a) Approximately 40 panels remaining to be installed out of the **(2000 total panels)**.
    b) Contractor will be working second shift on Sundays to complete work.
12) EMHS & YHS Scoreboards (WCSD Project 0901):
    a) Purchased and installed.
13) SGES, SSELC & SES Fire Alarm Upgrades (WCSD Project 0905):
    a) Project complete.
14) SGES Window Replacements (WCSD Project 0903):
    a) Project will start September 19.
15) WCCC Welding Shop Upgrades (WCSD Project 0902):
    a) Project is on schedule.
    b) Nate McNett, Welding Shop Instructor, addressed committee regarding moving the ventilation system outside of the building and locating it on a concrete slab with a roof. (The current architectural plans call for it to be located inside the welding shop.)
        i) Administration referred committee to information provided by Lincoln Electric on February 11, 2009 regarding the ventilation system and its placement: “To maximize fume extraction system life and performance, it is required that the central filter and fan units are installed in an enclosed shelter if placing the units in the outdoor environment. The shelter should consist of roof, walls, and a

level floor that is able to support the weight of the preseparator, filter and central fan units. Furthermore, a climate controlled shelter is recommended if area temperatures fluctuate between hot and cold and/or high levels of humidity exist." (Referenced document attached.)

c) Mr. McNett also shared concerns with the committee regarding the planned dimensions of the overhead door.
   i) Structural concerns limit the width of the overhead door.
   ii) Administration to look into height of overhead door.

d) Committee requests that administration looks into acoustical value of wall separating welding shop from other WCCC shops to muffle sound.

Action:

Administration to look into height of overhead door and feasibility of muffling sound for adjoining classroom/shop spaces.

Motion:

None

Attachments:

4.1a – Project Timelines – updated 08-25-09
4.1b – B&G Summer Projects 2009
4.1c – Cafeteria Equipment Replacements – Summer 2009
4.1d – Lincoln Electric – Welding Shop Proposal

4.3 Utilities Report

Attachments:

4.2a – Gas Report – June 09 – chart and graph
4.2b – Electric Report – June 09

4.4 Work Order Reports

Attachments:

4.3a – Work Order Report
4.3b – Work Order Report Summary

4.3 Capital Reserve Report

Attachments:

4.4a – Capital Project Reserve 2010.08.25.09

5. Other

5.1 Trash and Recycling Contract

Discussion:

Administration is revising specifications to re-bid contract for trash and recycling services.

Action:

None

Motion:

None

5.2 Auction of Unused and Unnecessary Items

Discussion:

Auction held at Pleasant Township Elementary School on August 22, 2009. Auction is still being finalized. Preliminary profit to the WCSD is approximately $14,751.00.

Action:

None

Motion:

None

6. Closing Activities

6.1 Next Meeting

September 28, 2009; following CIT; at Warren County Career Center

6.2 Adjournment

Meeting adjourned at 6:56 p.m.

Changing Lives

WARREN-FOREST COUNTIES ECONOMIC OPPORTUNITY COUNCIL

"Your Community Action Agency"

3 August 2009

Dr. Norbert Kenerknecht
185 Hospital Drive
Warren, Pennsylvania 16365

Dear Dr. Kenerknecht:

The Warren Forest Counties Economic Opportunity Council, Inc. (WFEOC) is in the process of identifying potential sites for four units of affordable housing for victims of domestic violence in Youngsville. One of the sites identified adjoins the outer drive of the Youngsville Elementary School and would require our securing a Right Of Way (ROW) from the end of 2nd Street to the site across school property. As this site is the most desirable one identified to date, I am wondering if the Warren County School District would entertain the possibility of granting such a ROW to the WFEOC?

To that end I would like to schedule a meeting with you at your earliest convenience to discuss this possibility and answer any questions you might have. Time is of the essence for us to identify and secure a site for this needed development and I would appreciate it if we could me in the very near future.

I can be reached at my office at 726-2400 Ext. 3021 or via email at raible@wfcaa.org. Thank you for your consideration.

Sincerely yours,

Robert Raible
Executive Director

1209 Pennsylvania Avenue West, P.O. Box 547, Warren, PA 16365
(814) 726-2400 Fax: (814) 723-0510 (800) 231-1797 www.wfcaa.org

Dear Mr. Kennerknecht, 17 Aug 09

I am the Executive Director of Double Rainbow Farm, located on Thompson Hill Rd. We are a nonprofit 501(c)3 organization. We provide therapeutic riding for disadvantaged persons in our surrounding area.

On September 26, 2009 we will be hosting an open house and fun show at our location just up the hill from Eisenhower school. We have recently expanded our facility and have constructed new barns and other buildings. This presents a new dilemma for us – we do not have sufficient parking for the anticipated attendance for the upcoming open house and fun show.

We are interested in finding out if we could use the parking lot(s) at EHS on September 26, 2009. I have a bus that would shuttle people back and forth between EHS and our location at 2170 Thompson Hill Rd. We have the room for all the trucks and trailers, but not the personal vehicles for spectators we anticipate. The past shows we have done would indicate maybe as many as 200-300 people with 100-150 cars.

Please let me know ASAP about this proposal.

Thank you for your consideration in this matter.

Sincerely,

David C. Oberg
2170 Thompson Hill Rd.
Russell, PA 16345
814-757-9158 (Home)
814-730-2259 (Cell) - preferred contact #
doberg59@gmail.com

WARREN COUNTY SCHOOL DISTRICT
Open-Ended Paving Maintenance - Project #WCSD 0907

COMPANY NAME	BASE BID TOTAL	Item #1	Item #2	Item #3	Item #4	Item #5	Item #6	Item #7	Item #8	Item #9	Item #10	Item #11
Suit-Kote Corporation	$189,100.00	$6,000.00	$12,500.00	$38,000.00	$31,500.00	$4,500.00	$3,000.00	$4,875.00	$12,500.00	$12,700.00	$7,500.00	$1,500.00

Bid Tabulation Sheet
August 24, 2009
2:00 pm

Witness:

WARREN COUNTY SCHOOL DISTRICT
Open-Ended Paving Maintenance - Project #WCSD 0907

COMPANY NAME	Item #12	Item #13	Item #14	Item #15	Item #16	Item #17	Item #18	Item #19	Item #20	Item #21	Item #22	Item #23	Add. #1	Bid Bond
Suit-Kote Corporation	$8,000.00	$1,250.00	$8,000.00	$800.00	$7,125.00	$5,000.00	$2,000.00	$4,700.00	$500.00	$3,200.00	$2,450.00	$11,500.00	X	X

Bid Tabulation Sheet
August 24, 2009
2:00 pm

Witness: [signatures]

The undersigned proposes to furnish all labor, material, and equipment to perform the work, as described in the contract documents, at the unit prices quoted in the bid proposal. The bidder understands that the quantities are estimates and approximate, and are presented solely for the purpose of determining the total base bid. The bidder understands and agrees that the District may increase or decrease the quantities of work to be done, without any adjustment in the unit price quoted. If this bid proposal is accepted by the District, the unit price quoted is the only payment that the bidder will receive for the completed work as described in the contract documents.

ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	REPLACE SUBGRADE	100	C.Y.		
2	REPLACE SUBBASE	250	Ton		
3	REPLACE BINDER COURSE	400	Ton		
4	REPLACE WEARING COURSE	300	Ton		
5	REPLACE BITUMINOUS CURB	150	L.F.		
6	NEW GEOTEXTILE FILTER CLOTH	200	S.Y.		
7	NEW 2' X 4' X 4' CATCH BASIN	1	EA.		
8	NEW CONCRETE STORM PIPE 10"	100	L.F.		
9	NEW REINFORCED CONCRETE STORM PIPE 15"	100	L.F.		
10	NEW PLASTIC P.E. STORM PIPE 10"	100	L.F.		
11	NEW EXCAVATION	100	C.Y.		
12	NEW BASE COURSE	200	Ton		
13	NEW PRIME COAT	1,000	S.Y.		
14	NEW BINDER COURSE	100	Ton		
15	NEW TACK COAT	1,000	S.Y.		
16	WEARING COURSE	75	Ton		
17	BITUMINOUS CURB 6"	200	L.F.		
18	BITUMINOUS JOINT SEALER	1,000	L.F.		
19	LINE TAPING	1,000	L.F.		
20	BLACK-OUT PAINTING	1,000	L.F.		
21	YELLOW LINE PAINTING	2,000	L.F.		
22	BITUMINOUS SEAL COAT	1,000	S.Y.		
23	MILLING EXISTING ASPHALT	100	CY.		
				BASE BID TOTAL	$

BASE BID: _____ Dollars $_____
(WRITTEN) (FIGURES)

TO BE FILLED IN IF ADDENDA ARE ISSUED:

The bidder acknowledges receipt of the addenda hereinafter enumerated which have been issued during the period of bidding and agrees that said addenda shall become a part of this contract. The bidder shall list below the numbers and issuing dates of the addenda received:

Addendum No.	Issuing Date
_____	_____
_____	_____
_____	_____

_____
Bidder - Insert Firm Name

Educational Specifications
Criterion Evaluation Checklist

Criterion	Yes	No
1) Distinguishes between required and optional features.		
2) Documents the educational philosophy reflected in project's design.		
3) Highlights the educational, administrative and community needs for each **usable space**.		
4) Highlights the educational, administrative, and community needs for **site features**.		
5) Indicates how each component must be designed to meet educational, administrative and community needs.		
6) Documents design objective of the project, as well as characteristics and relationships on the site, and in the building.		
7) Educational specifications describe characteristics and objectives to be achieved in the building.		
8) Document the written expression and direction by the School District to the Project Architect.		
9) Educational specifications document:		
i) School Site:		
(a) School activities		
(b) Community activities		
(c) Vehicular circulation and parking		
(d) Separation of auto and service circulation from buses		
(e) Elimination of potential nuisances and hazards		
(f) Play and athletic opportunities		
(g) Park and natural areas		
(h) Safety		
(i) Reasonable maintenance		
(j) General appearance of the public land		
ii) Spaces in the Building:		
(a) Identify educational, community and other activities for each pace.		
(b) Identify users, numbers involved in various activities		
(c) Number and size of needed spaces; dimensions if necessary to accommodate certain activities		
(d) Characteristics of the spaces		
(e) Community use of certain spaces while access to the remainder of the building is restricted		
iii) Relationships of Spaces:		
(a) Close relationships (adjacency):		
1. By grade or department, with library centrally located		
2. Sciences, technical education, mathematics		
3. Arts, technical education, home economics		
4. Music, auditorium, etc.		
5. Physical education facilities		
6. Services to the building, receiving, custodial, storage, trash, boiler room		
7. Health and Building Administration		
8. Main entrance and Building Administration (for security)		

Educational Specifications
Criterion Evaluation Checklist

(b) Distant Relationships (isolation):		
1. Music		
2. Physical Education		
3. Industrial Arts / Technology Education		
4. Building Services		
iv) Other Considerations:		
(a) Efficiency of design; maximum use of space		
(b) Ease of change and expansion in the future		
(c) Quality and maintenance of materials and equipment		
(d) Energy conservation		
(e) Sustainable school design (high performance / green design)		
(f) Accommodation for persons with disabilities		
(g) Supervision and safety on the site and in the building		
(h) Security systems		
(i) Provisions for privacy and supervision in the health suite, guidance and building administration areas		

- Separation of bus traffic from other vehicular traffic
- Separate student drop off and pick up by private automobiles
- Location of, access to and parking for community use areas, such as athletic fields, cafeterias, gymnasiums and auditoriums
- Off-site work necessary for the full functioning of the project building and site (separate drawing may be necessary)

PROJECT BUILDING FLOOR PLAN DRAWING

Provide a drawing(s) of the building's floor plan that clearly shows the following. Distinguish between existing conditions and proposed new work:

- Location and identification of new additions to existing building
- Location of major entrances to be used by students and community
- Facilities to be used by the community, including toilet areas, and the means of restricting access to the rest of the building
- Identification of all spaces in the building
- Location of areas for service delivery, recycling and waste removal

PROJECT BUILDING SCHEDULED AREA FLOOR PLAN DRAWING

Provide a drawing(s) of the building's scheduled area floor plan with the perimeters of the calculated scheduled areas highlighted in a contrasting color on the building floor plan. Use a different color to differentiate existing spaces from newly constructed spaces. Label the name of each space inside the outlined areas.

PROJECT EDUCATIONAL SPECIFICATIONS

Provide one copy of the educational specifications. Educational specifications should distinguish between required and optional features. For vocational projects, craft committee recommendations serve as the educational specifications (see below for additional direction).

Educational specifications document for the architect, school district, community and the Department of Education the educational philosophy reflected in a project's design. They highlight the educational, administrative and community needs for each usable space in the project building, as well as site features both on- and off-site considered necessary to meet these needs, and indicate how each component must be designed to meet these needs.

Educational specifications document the design objectives of a project, as well as the characteristics and relationships to be achieved on both the site and the building of a project. They describe the characteristics and objectives to be achieved in the proposed building/alteration project. Educational specifications are the written expression or direction by the school district to the project architect.

Guidance and assistance by the administration should be available to all working groups while they are developing their reports. Information received should be evaluated to bring about a reasonable balance of facilities, areas, features, and equipment.

The following topics should be considered in the educational specifications:

THE SCHOOL SITE

- School activities
- Community activities
- Vehicular circulation and parking
- Separation of auto and service circulation from buses
- Elimination of potential nuisances and hazards
- Play and athletic opportunities

- Park and natural areas
- Safety
- Reasonable maintenance
- General appearance of the public land

SPACES IN THE BUILDING

- Identify educational, community and other activities for each space
- Identify users, numbers involved in various activities
- Number and size of needed spaces; dimensions if necessary to accommodate certain activities
- Characteristics of the spaces
- Community use of certain spaces while access to the remainder of the building is restricted

RELATIONSHIPS OF SPACES

- Close relationships (adjacency)
  - By grade or department, with library centrally located
  - Sciences, technical education, mathematics
  - Arts, technical education, home economics
  - Music, auditorium, etc.
  - Physical education facilities
  - Services to the building, receiving, custodial, storage, trash, boiler room
  - Health and Building Administration
  - Main Entrance and Building Administration (for security)
- Distant relationships (isolation)
  - Music
  - Physical Education
  - Industrial Arts/Technology Education
  - Building services

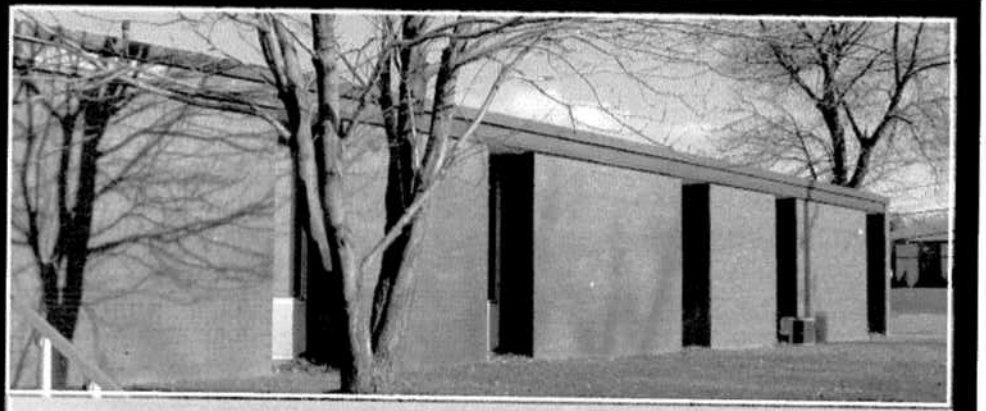
OTHER CONSIDERATIONS

- Efficiency of design; maximum use of space
- Ease of change and expansion in the future
- Quality and maintenance of materials and equipment
- Energy conservation
- Sustainable school design (high performance/green design)
- Accommodation for persons with disabilities
- Supervision and safety on the site and in the building
- Security systems
- Provisions for privacy and supervision in the health suite, guidance and building administration areas

For vocational projects, craft committee recommendations can be prepared by an advisory committee or an individual or group that represent the trade(s) and sign off on each program or group of related programs (i.e., Health Science, Automotive, Business, Information Technology, etc.). Advisory committees generally meet at least once a year to discuss and make recommendations on such matters as the need for a particular shop, laboratory, occupation, equipment, curriculum, labor management coordination, business and industrial requirements or selections of personnel.

The craft committee recommendations must describe the educational program objectives as well as the spatial requirements for each vocational program. The name(s) of the program(s) and the CIP codes for each program must be listed on the paperwork for proper identification.

DeJONG



Warren County School District
Central Attendance Area
Elementary Addition
Educational Specifications

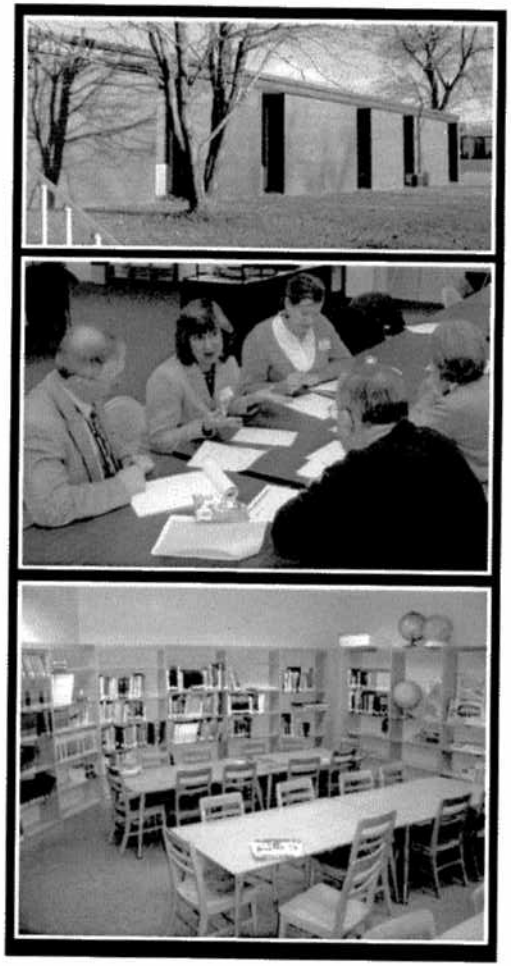
April 2008

Planning Committee

Tawni Betts, PTO
Deb Brewster, Secretary
Ann Buerkle, Principal
Rita Cecco, Parent
Brian Collopy, Technology
Rhonda Decker, Assistant Principal
Beth Fantaskey, Community
Linda Gilson, Teacher
Betsy Griffin, Teacher
Dixie Gurdak, Librarian
Joie Hendricks, Art
Norbert Kennerknecht, Facilities Director
Tom Knapp, School Board Member
Trina Massa, Teacher
Bud Mracna, Architect
Jeff Passaro, Physical Education
Diane Reese, Teacher
Mike Roney, Custodial Supervisor
Pam Taylor, Teacher
Justin Tech, Food Services Director
Bob Terrill, Superintendent
Peter Turnquist, Business Administration
Lynn Waterfield, PTO
Sandy Wilks, Special Education
Donna Zariczny, School Board Member
Barb Zawacki, Teacher

DeJONG

William DeJong, President and C.E.O.
Robb Watson, Planner



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Executive Summary

The Warren County School District has been conducting an educational facilities planning process to address the capacity educational adequacy issues in the Central Attendance Area. Since the addition of Full-day kindergarten, South Street Elementary Center has not had enough space to accommodate all of the kindergarten students. Approximately 70 kindergarten students from the Central Attendance Area are currently being transported outside of the attendance area to Alleghany Valley Elementary School to temporarily alleviate the problem.

The district established a planning committee including school board members, district staff, teachers, and community members with the assistance of educational facility planners from DeJONG to work through a public participation process to identify the key issues and create options to address those issues. The planning committee identified the key issues as:

1. Overcrowding in the Central Attendance Area at the Kindergarten and 1st grade level
2. Relocation of students (to address the approximately 70 Kindergarten students attending Alleghany Valley ES)
3. Educational Adequacy of South Street

To address these issues, the planning committee brainstormed over 15 options, then evaluated each of the options to determine the options that would best address the issues:

- Option A – First Grade Addition at Warren Area Elementary Center (WAEC)
- Option B – Renovation/Addition at Pleasant Township School as a K-1
- Option C – New K-1 School
- Option D – Addition/Renovation to create two 200 student schools at South Street and Pleasant Township
- Option X – Addition at South Street (Not considered a viable option due to site limitations)

These options were presented to the public during a community dialogue on March 24, 2008, where approximately 110 community members completed individual and group questionnaires to give input and express their preferences for each of the options. After tallying the community dialogue results, the clear preference was Option B, reopening and completing a renovation and addition at the Pleasant Township School to create an appropriate 21st Century learning environment for all K-1 students in the Central Attendance Area. Based on the work from the planning labs, and the input from the community, the planning committee recommends Pleasant Township School be renovated and expanded to serve all [approximately 380] PK-1 students in the Central Attendance Area.

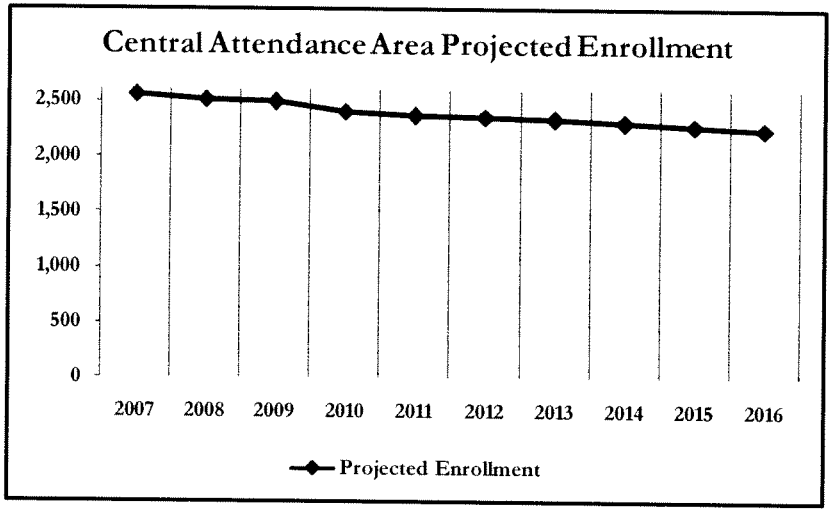
Introduction/Background

The current grade configuration for the Central Attendance Area is as follows:

School	Grades
South Street Early Learning Center	K – 1
Warren Area Elementary Center	2 – 5
Beaty-Warren Middle School	6 – 8
Warren Area High School	9 – 12

Approximately 70 kindergarten students from the Central Attendance Area of the Warren County School District are currently being transported outside of the attendance area to Alleghany Valley Elementary School due to space constraints within the Central Attendance Area. South Street Early Learning Center, the K – 1 center, does not have the capacity and adequacy of space to accommodate all of kindergarten and first grade students from the attendance area. Sending the additional students to Alleghany Valley has been determined to be only a short-term solution by the School Board and members of the community, with the ultimate desire to be keeping all of the central area students within the Central Attendance Area.

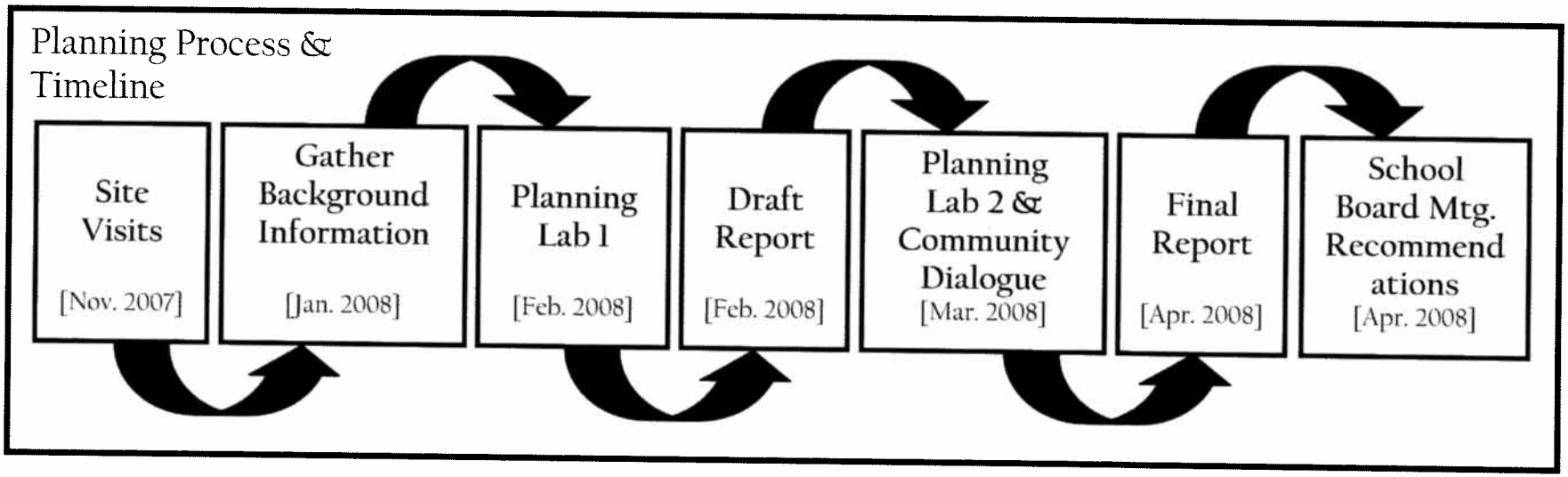
The following table and chart show the projected enrollment for the Central Attendance Area. As depicted, enrollment is expected to slightly decline over the next ten years. Enrollment in Kindergarten and 1st grade are projected to decrease by approximately 17 students each.



Warren County Schools District
Central Attendance Area Projected Enrollment

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
K	185	183	181	179	177	175	173	171	169	167
1	179	177	175	173	172	170	168	166	164	162
2	192	171	169	168	166	165	163	161	159	157
3	146	189	168	166	165	163	162	160	158	156
4	185	148	192	170	168	167	165	164	162	160
5	172	188	150	195	173	171	170	167	166	164
6	199	177	193	154	200	178	176	175	171	170
7	189	206	184	200	160	208	185	183	182	177
8	189	188	205	183	199	159	207	184	182	181
9	248	219	218	238	212	231	184	240	213	211
10	278	225	199	198	216	193	210	167	218	193
11	190	256	208	184	183	199	178	194	154	201
12	206	182	246	199	176	175	191	171	186	148
Total	2,558	2,509	2,488	2,407	2,367	2,354	2,332	2,303	2,284	2,247

A planning committee of school board members, district staff, teachers, and community members with the assistance of educational facility planners from DeJONG has created options for addressing the capacity issues in the Central Attendance Area. The current elementary school sites were visited by DeJONG and district administrators, and background information was collected and formatted into a resource packet for the planning committee. The planning committee met for a two-day planning lab to identify the key issues and discuss options. Following the development of a draft report including options, the committee met again for another two-day planning lab, this time to refine options, and also help facilitate a community dialogue to gain input from the community. Recommendations will be made to the Board of School Directors on April 14, 2008.



Planning Activities – Lab 1

During Planning Lab 1 in February, the Planning Committee participated in the following group activities to define the project and brainstorm ideas:

1. Why are we here, and what are we trying to accomplish?
2. South Street Deficiencies
3. Options Development
4. Compilations of Space

1. Why are we here, and what are we trying to accomplish?

Committee Members were asked to write down the purpose of the Planning Lab, including everything they expect to discuss during the labs. From this list, the Committee determined three factors should drive the planning process:

4. Overcrowding in the Central Attendance Area at the Kindergarten and 1st grade level
5. Relocation of students (to address the approximately 70 Kindergarten students attending Alleghany Valley ES)
6. Educational Adequacy of South Street

All Responses:

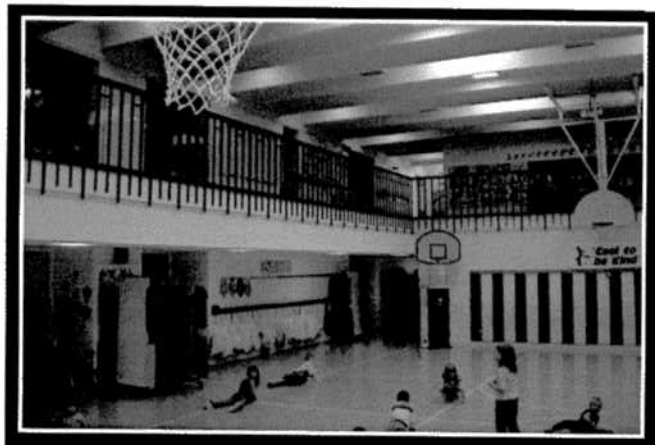
- Find a solution to South Street overcrowding
- Determine building needs
- Make South Street more appropriate for kids' education
- Bring Kindergartners back to the City/Find space for full-day Kindergarten in the Central Attendance Area
- Define the educational direction and facilities options for full-day Kindergarten
- Develop educational specification to instruct architects at South Street
- Adding a kitchen at South Street
- Make sure kids have enough space to foster learning
- Make music room available to Kindergarten and elementary school children
- Assist in the planning of an art room
- Include facilities for special education
- Plan an addition at Warren Area Elementary Center or South Street
- Potential expansion of Pre-K programs
- Appropriate environment for Kindergartners
- State-of-the-art facility for children
- Technology solutions
- Evaluate and develop solutions for elementary education

2. South Street Deficiencies

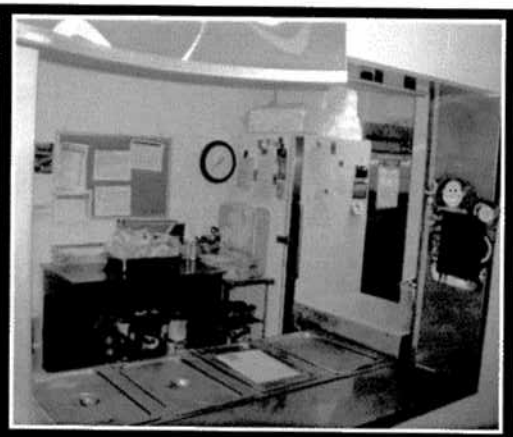
South Street Elementary Center is currently the school for Kindergarten and 1st Grade Students in the Central Attendance Area. In addition to the aforementioned capacity issues at the school, the facility has other deficiencies that inhibit educational program delivery.

The Committee brainstormed the following list of inadequacies at South Street:

- No kitchen
- Lack of office space
- Lack of storage – both custodial and coat storage
- Gym/Cafetorium – location/ size/ functionality/noise
- Acoustics
- Inadequate library space
- No teacher preparation space
- Restrooms
- No music space
- Inadequate art room
- Conference rooms
- Sinks
- Bad moveable walls
- Lack of small group instruction areas
- Lack of large group instruction areas
- Not enough natural daylight
- Lack of technology
- Parking
- Playground
- Building location
- Transportation



Centrally-located gym/cafetorium surrounded by classrooms



Small kitchen facilities

Playground equipment with closely neighboring houses on small site

3. Options Development

Committee Members brainstormed options to address the overcrowding of students and the relocation of Kindergarten students back in to the Central Attendance Area. Members considered many scenarios, including combinations of additions and renovations to South Street, Warren Area Elementary Center, and the currently closed Pleasant Township Elementary School. The Committee worked in small groups to discuss preferences for each option. Considerations included educational adequacy, cost and site specific issues.

After each group reported to the Committee, options were identified to address the overcrowding of students and relocation of students back into the Central Attendance Area. The options focused on several site possibilities:

- South Street Elementary Center Site – *possibility of expansion although site is very small and there are other deficiencies that must be addressed.*
- Pleasant Township Elementary Site - *re-opening the current facility, building new on the site, or a combination. Pleasant Township Elementary School is currently being maintained by the District at a minimum level as excess storage space. This former elementary school has potential due to its site size and location in the Central Attendance Area.*
- Warren Area Elementary Center Site – *possibility of expansion. WAEC is already the District's model of a 21st Century school, and could be enlarged to accommodate more students. Site constraints exist.*

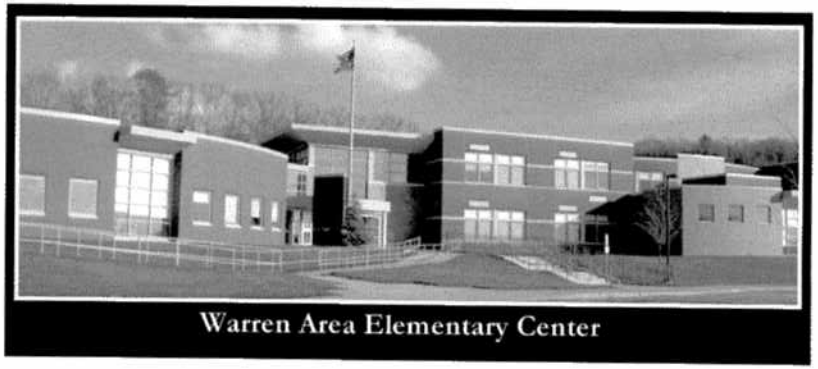
Facility Summary

Facility	Year Built	Yr. of Last Reno./Add.	Sq. Feet	Site Size (Acres)	Enroll. (Oct. 07)
South Street Elementary Center	1971	N/A	33,460	1.75	274
Pleasant Township Elementary	1935	1966	28,870	9.20	0
Warren Area Elementary Center	2005	N/A	105,505	98.00 [Entire Campus]	716

The following options resulted from the brainstorming session, including considerations from the steering committee:

1. Renovate/Expand South Street to accommodate all of the additional students – *Site is extremely small and with little or no room to expand, and current building layout would be difficult to reconfigure*
2. Replace South Street/Build new on site to accommodate all of the additional students– *Site is extremely small*
3. Renovate/Expand Pleasant Township ES to accommodate all K-1 students and close South Street
4. Renovate/Expand South Street to accommodate half of the K-1 students, and Renovate/Expand Pleasant Township ES to accommodate half of the K-1 students
5. Reopen Pleasant Township with minimal improvements, and divide the K-1 students between Pleasant Township and South Street – *Pleasant Township is an older building and needs a lot of work to become educationally suitable*
6. Replace the Pleasant Township ES with a New Building on the site. – *The Pleasant Township site is already owned by the District and is larger than the South Street site.*
7. Renovate/Expand South Street and Add on to WAEC (move Kindergarten all to South Street, then split 1st grade between South Street and WAEC) – *Difficult to expand South Street, would be costly to undergo two construction projects*

8. Expand WAEC to accommodate 1st Grade students, move all Kindergarten into South Street
9. Build adjacent to WAEC – *Topography of site is challenging, would take away athletic fields*
10. Build a new building on the new site – *Would have to buy a new site, District already owns several sites*
11. Convert Career Center into a K-1 and build a new Career Center off-site – *Career Center is fairly new, not much support for an entire campus on one site*
12. Leave the overflow students at Alleghany Valley ES – *Promise was made that this was only a temporary solution so it is not seen as a viable option*
13. Make Alleghany Valley ES part of the Central Attendance Area – *would not be viewed favorably by Central Attendance Area or Alleghany Valley communities*
14. Move 5th grade to Beaty Middle School and 1st grade to WAEC, then make South Street a Kindergarten Center – *would not be supported by the public or the School Board*
15. Install portable classrooms on an existing site to accommodate additional students
16. Keep things "as is"



Warren Area Elementary Center

Summary Options

The Committee narrowed down the list of options to determine the most adequate and reasonable options to address the overcrowding of Kindergarten students in the Central Attendance Area.

A. **First Grade Addition at WAEC** – Expand Warren Area Elementary Center to accommodate the 1st grade students, and reconfigure South Street Elementary Center into a Kindergarten Center.
B. **Renovate/Addition at Pleasant Township as a K-1 Center** – Reopen/Renovate/Expand Pleasant Township Elementary to accommodate all Kindergarten and 1st grade students, close and sell South Street Elementary Center.
C. **New K-1 School** – Build a new K-1 School on a site to be determined, close South Street Elementary Center. Possible sites might include property adjacent to WAEC and the High School, Pleasant Township Elementary School, or a site to be determined.
D. **South Street and Pleasant Schools** – Use the South Street and Pleasant Township buildings. One could be a Kindergarten Center for approximately 200 students and the other used as a 1st Grade Center (also for 200 students). Or each school could be a K-1 for 200 students each.

For each summary option, the following cost estimates were developed based on current construction costs in Western Pennsylvania and Eastern Ohio.

Option A: First Grade Addition at WAEC

Expand Warren Area Elementary Center to accommodate the 1st grade students, and reconfigure South Street Elementary Center into a Kindergarten Center

			Approx Cost	
WAEC Addition			$4,550,000	

	Number	Sq. Ft.	Total
Classrooms	10	900	9,000
Expand Cafeteria			1,000
Expand Gym			3,000
Special Education	1	900	900
Offices	2	125	250
Art/Music	1	1,100	1,100
Expand Library	1	1,000	1,000
Sub Total			16,250
Building Services			6,500
Total			22,750

Observation: This is a larger addition than the site was master planned for. This may be challenging to work out the design.

South Street Renovation	$0	Not included in Estimate
Approx Total Option A	$4,550,000	

Option B: Renovate/Addition At Pleasant Township as a K-1 Center

Reopen/Renovate/Expand Pleasant Township Elementary to accommodate all Kindergarten and 1st grade students, close and sell South Street Elementary Center

			Approx Cost
Pleasant Township Renovation/Demolition/Addition			$9,280,000
	Approx Sq Ft		
Demolish 1930's Building	8,000	$80,000	
Renovate 1960's Building	20,000	$2,000,000	
New Addition	36,000	$7,200,000	
		$9,280,000	
South Street			
Sell Building	To Be Determined		TBD
Approx. Total Option B			$9,280,000

Option C: New K-1 School

Build a new K-1 School on a site to be determined, close South Street Elementary Center . Possible sites might include property adjacent to WAEC and the High School, the Pleasant Township facility, or a site to be determined

		Approx Cost	
New K-1 School		$11,200,000	
	Approx Sq Ft		
School for 380 Students	56,000		
South Street			
Sell Building	To Be Determined	TBD	Not included in Estimate
Approx. Total Option C		$11,200,000	

Option D: South Street and Pleasant Schools

This option would involve using both the South Street and Pleasant Township buildings. One could be a Kindergarten Center for approx. 200 students and the used as a 1st Grade for 200 students. Or each school could be a K-1 for approx. 200 students each other

			Approx Cost	
Pleasant Township Renovation/Demolition/Addition			$4,680,000	
	Approx Sq Ft			
Demolish 1930's Building	8,000	$80,000		
Renovate 1960's Building	20,000	$2,000,000		
New Addition	13,000	$2,600,000		
		$4,680,000		
South Street				
Renovation			$0	Not included in Estimate
Approx. Total Option D			$4,680,000	

Option X: Addition to South Street

Expand South Street to accommodate all of the K-1 Students. At first glance this looks simple, add approx. four classrooms to accommodate the students at the South Street site. However, there is a shortage of space at South Street already. The following are the spaces which are needed. Based on the site constraints, it is not realistic to the South Street site.

To accomplish this addition, some renovation of the existing building would be required.

South Street Addition

	Number	Sq. Ft.	Total
Kindergarten Clrms	4	1,100	4,400
Kindergarten RR	4	50	200
Mulitpurpose/Gym			4,000
Food Serice			1,555
Special Education	2	450	900
Offices	2	125	250
Music	1	1,200	1,200
Expand Library	1	1,000	1,000
Sub Total			13,505
Building Services			5,402
Total			18,907

	Approx Cost	
	$3,781,400	This Option is being Rejected Site too Small for Addition
South Street Renovation	$0	Not included in Estimate
Approx Total Option X	$3,781,400	

4. Compilations of Space

A Compilation of Space is a detailed listing of the appropriate spaces for a school facility, including the space name, quantity, and area detailed by program area. For example, a Compilation of Space might list that a 400 student elementary school should contain 16 classrooms, each 900- 1,000 SF. This information is determined by standards in educational facility planning and district policies including student/classroom ratios. This information may be used to layout a new school facility, or compare to an existing facility to identify deficiencies and plan for additions or reconfiguration of space.

Summary of Spaces 200 Student School	
Student Capacity:	200
Grade Configuration:	K-1
Square Feet/Student:	169
Program Area	**SF**
Academic Core	9,500
Special Education	1,750
Administrative	1,610
Media Center	2,550
Visual Arts	1,450
Student Dining	5,050
Food Service	925
Custodial	300
Building Services	6,899
Subtotal:	30,034
Construction Factor	0.10
Facility Total:	33,038

Summary of Spaces 380 Student School	
Student Capacity:	380
Grade Configuration:	K-1
Square Feet/Student:	150
Program Area	**SF**
Academic Core	18,900
Special Education	3,900
Administrative	2,010
Media Center	3,450
Visual Arts	1,300
Music	1,300
Physical Education	4,000
Student Dining	3,250
Food Service	1,555
Custodial	500
Building Services	11,642
Subtotal:	51,807
Construction Factor	0.10
Facility Total:	56,988

The Planning Committee developed two Compilations of Space based on the Options available, one for a school of 200 students (should two K-1 schools be developed), the other for a school of 380 students (should one K-1 school be developed). The Summary of Spaces below show the space required by program area for each school. More square feet per student are required in the 200 student school than the 380 student school because the same common spaces (cafeteria, visual arts, etc) are required for both, while more students are able to use the same space in a larger school.

In the 200 student school, Music and Physical Education share a Multi-purpose Room (included in the Student Dining section) instead of having their own individual spaces. These details are described further in the Compilations of Space on the following pages.

The space required for Building Services are a factor of the overall space required for other program areas, and include restrooms, closet space, corridors, mechanical space, and loading/receiving area. Additionally, a construction factor of 10% is multiplied to the overall space of each building to account for differences between the space requirements and the actual building as it would be constructed.

Compilation of Space – 200 Student School

Academic Core			
Space	Qty.	SF	Area
Kindergarten Classroom	5	1,000	5,000
Kindergarten Restroom	9	50	450
Elementary Classroom	4	900	3,600
Teacher Prep Area/Workroom	1	300	300
Instructional Material Storage	1	150	150
Academic Core Total			**9,500**

Special Education			
Space	Qty.	SF	Area
Self-contained Classroom	1	900	900
Restroom/Shower	1	100	100
Special Education/Resource	1	450	450
Speech Therapy	1	150	150
Storage	1	150	150
Special Education Total			**1,750**

Administrative			
Space	Qty.	SF	Area
Reception Area	1	200	200
Secretarial Area	1	200	200
Principal's Office	1	180	180
Conference Room	1	200	200
Mail/Work/Copy Room	1	150	150
Administrative Storage	1	100	100
Vault/Records Storage	1	50	50
Restroom	1	50	50
Health Clinic	1	300	300
Itinerant Personnel Office	1	100	100
Family Restroom	1	80	80
Administrative Total			**1,610**

Media Center			
Space	Qty.	SF	Area
Reading Room/Circulation	1	2,000	2,000
Workroom/Storage/Office	1	300	300
A/V Storage	1	100	100
Hub Room	1	150	150
Media Center Total			**2,550**

Visual Arts			
Space	Qty.	SF	Area
Art/Music Room	1	1,200	1,200
Kiln/Ceramic Storage	1	100	100
Music Storage	1	150	150
Visual Arts Total			**1,450**

Student Dining			
Space	Qty.	SF	Area
Student Dining/Multi-purpose	1	4,000	4,000
Stage	1	600	600
Staff Dining	1	250	250
Table Storage	1	200	200
Student Dining Total			**5,050**

Food Service			
Space	Qty.	SF	Area
Kitchen (total)	1	0	700
Preparation Area	-	252	-
Serving Area	-	238	-
Dry Food Storage	-	77	-
Cooler/Freezer	-	70	-
Ware Washing	-	63	-
Dietician Office	1	75	75
Restroom	1	50	50
Locker Room	1	100	100
Food Service Total			**925**

Custodial			
Space	Qty.	SF	Area
Workroom	1	200	200
Custodial Office	1	100	100
Custodial Total			**300**

Building Services			
Space	Qty.	SF	Area
Large Group Restrooms	-	600	600
Custodial Closet	1	50	50
Electrical Closet	1	50	50
Telecommunications Room	0	64	0
Corridors	-	4,627	4,627
Mechanical/Electrical Space/ Decks	-	1,272	1,272
Loading/Receiving Area	1	300	300
Building Services Total			**6,899**

Compilation of Space – 380 Student School

Academic Core			
Space	Qty.	SF	Area
Kindergarten Classroom	9	1,000	9,000
Kindergarten Restroom	18	50	900
Elementary Classroom	9	900	8,100
Teacher Prep Area/Workroom	2	300	600
Instructional Material Storage	2	150	300
Academic Core Total			**18,900**

Special Education			
Space	Qty.	SF	Area
Self-contained Classroom	2	900	1,800
Workroom/Conference	1	200	200
Restroom/Shower	1	100	100
Special Education/Resource	2	450	900
Speech Therapy	2	150	300
Storage	1	150	150
OT/PT	1	450	450
Special Education Total			**3,900**

Administrative			
Space	Qty.	SF	Area
Reception Area	1	200	200
Secretarial Area	1	200	200
Principal's Office	1	180	180
Conference Room	1	200	200
Mail/Work/Copy Room	1	250	250
Administrative Storage	1	100	100
Vault/Records Storage	1	50	50
Restroom	1	50	50
Parent Center	1	200	200
Health Clinic	1	300	300
Itinerant Personnel Office	2	100	200
Family Restroom	1	80	80
Administrative Total			**2,010**

Media Center			
Space	Qty.	SF	Area
Reading Room/Circulation	1	2,000	2,000
Workroom/Storage/Office	1	300	300
Computer Lab	1	900	900
A/V Storage	1	100	100
Hub Room	1	150	150
Media Center Total			**3,450**

Visual Arts			
Space	Qty.	SF	Area
Art Room	1	1,200	1,200
Kiln/Ceramic Storage	1	100	100
Visual Arts Total			**1,300**

Music			
Space	Qty.	SF	Area
Music Room	1	1,200	1,200
Music Storage	1	100	100
Music Total			**1,300**

Physical Education			
Space	Qty.	SF	Area
Gymnasium	1	4,000	4,000
Physical Education Total			**4,000**

Student Dining			
Space	Qty.	SF	Area
Student Dining	1	2,000	2,000
Stage	1	600	600
Staff Dining	1	400	400
Table Storage	1	250	250
Student Dining			**3,250**

Food Service			
Space	Qty.	SF	Area
Kitchen (total)	1	0	1,330
Preparation Area	-	479	-
Serving Area	-	452	-
Dry Food Storage	-	146	-
Cooler/Freezer	-	133	-
Ware Washing	-	120	-
Dietician Office	1	75	75
Restroom	1	50	50
Locker Room	1	100	100
Food Service Total			**1,555**

Custodial			
Space	Qty.	SF	Area
Workroom	1	400	400
Custodial Office	1	100	100
Custodial Total			**500**

Building Services			
Space	Qty.	SF	Area
Large Group Restrooms	-	800	800
Custodial Closet	2	50	100
Electrical Closet	2	50	100
Corridors	-	8,033	8,033
Mechanical/Electrical Space/ Decks	-	2,209	2,209
Loading/Receiving Area	1	400	400
Building Services Total			**11,642**

Planning Activities – Lab 2

During Planning Lab 2 in March, the Planning Committee discussed the facilitation of the community dialogue scheduled for that same evening. Additionally, the group worked to refine the options by brainstorming observations. Finally, the Planning Committee ended the two-day work session by working in small groups to describe the previously defined elementary school program areas.

- Options Observations
- Program Area Descriptions

Options Observations

The following observations of each option were brainstormed during the Planning Committee, and presented along with the Options at the Community Dialogue.

Option A – First Grade Addition at Warren Area Elementary Center (WAEC)

Observations:

- 900 Student School
- Student Drop Off & Pickup
- Recess & Lunch
- Building Additions will be a Challenge
- Building Transitions for Students
- Isolating Kindergarten at South
- Disruptions during construction
- Parking
- Improvements still needed at South
- Fewer Buildings/more efficient
- Least expensive

Option B – Renovation/Addition at Pleasant Township School as a K-1

Observations:

- Puts all K-1 in same building
- Efficient staffing, Title I, Special Education
- Meets educational needs of students
- Site owned by school district
- No boundary line issues
- Room for Pre-K
- Increases traffic in Pleasant Twp
- Possible neighborhood concerns
- Possibly K-5
- Outdoor education possibilities
- More costly

Option C – New K-1 School

Observations:

- Flexible for future Program considerations [Pre-K]
- 21st Century school capabilities
- Fewer buildings/increase efficiency
- Most expensive option
- Site Acquisition costs/Demo costs
- Possible K-5
- Sale of South Street marketability

Option D – Addition/Renovation to create two 200 student schools at South Street and Pleasant Township

Observations:

- Potential duplication of services [principal, Art, Music, PE, library, Special Ed.
- Potential boundary line issues
- Not as expensive as a full K-1 option
- District owns the land
- School transitions [if one is K and one is 1st Grade]
- Adequate playground & parking spaces
- Pleasant is a safe location
- Transportation
- Upfront construction less costly but operating costs maybe more costly

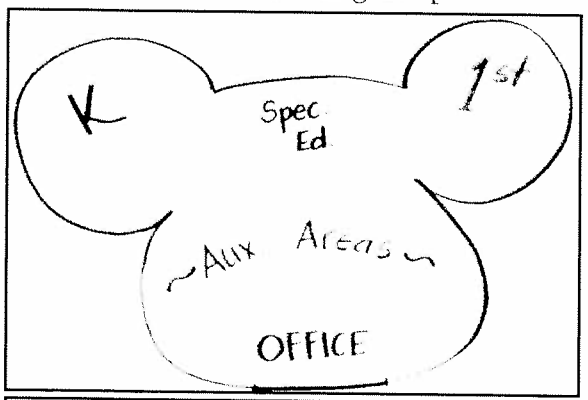
Option X – Addition at South Street

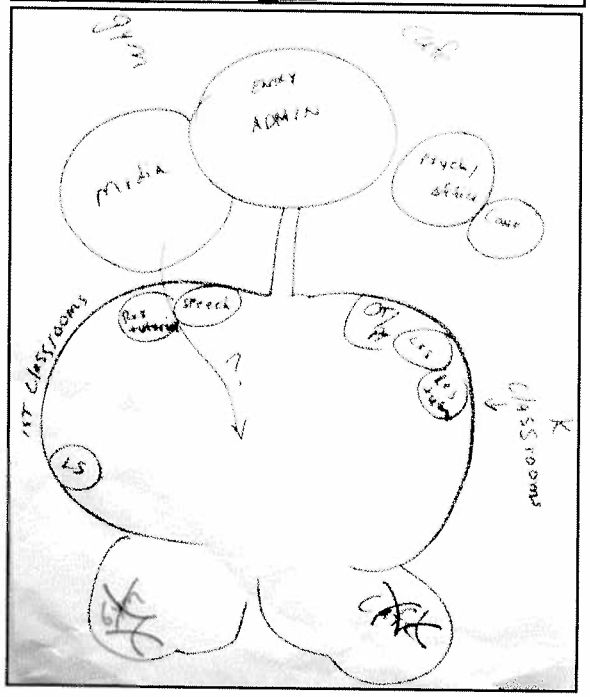
Observations:

- Site is already extremely small
- Addition would displace parking and play areas
- Not considered a viable option due to site limitations

Program Area Descriptions

The Planning Committee worked in small groups to describe the previously identified program areas for a K-1 school, including the spatial relationships both within each area and with relation to other program areas.





Academic Core

- Classroom
  - Phones
  - Sink – fountain
  - Natural light
  - Permanent walls
  - Wireless
  - Lots of electric sockets on all 4 walls
  - Lots of built-in/enclosed shelving
  - Individual coat cubbies within the classroom
  - ¾ carpet and ¼ tile
- Notes/Comments
  - All Kindergarten together with teacher prep and storage nearby
  - All 1st grade together with teacher prep and storage nearby
  - Office and all auxiliary areas in the middle – easily accessible by both grade levels

Special Education

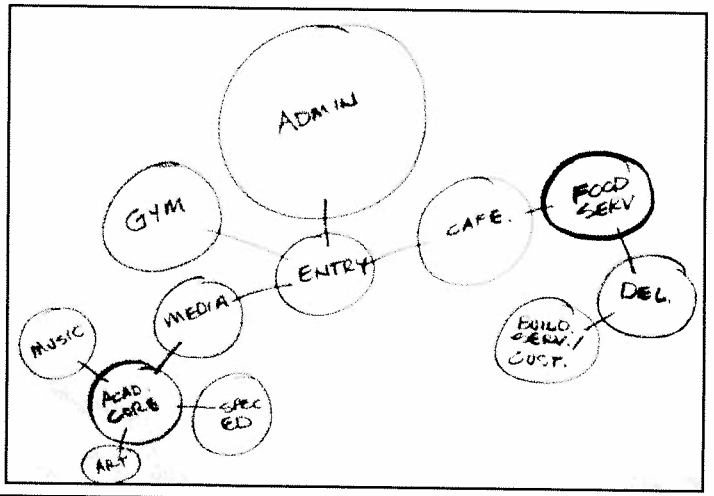
- Location – classrooms in ebb and flow of regular education
- Need calming area
- Shared space needs to be secure
- Conference area separate from classroom area
- Storage for OT/PT equipment
- Consider life skills (on the first floor)
- Communication

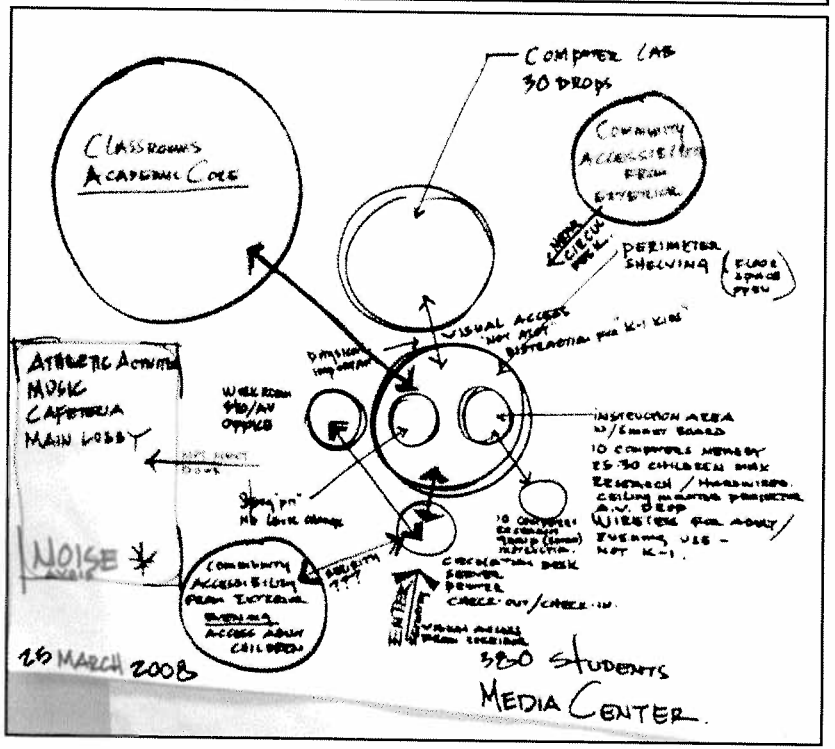
Administrative

- Technology geared to age
- Security (both in and out – adult and child)
- Convenient afterhours access to appropriate spaces
- Outdoor activity area located in multiple areas to support academic and recess
- Coverage to support part-time nurse
- Secure bus drop-off area

Media Center

- Perimeter shelving
- Visual access (but not so much as to distract kids)
- Story "Pit"
- Computer research area
- Circulation desk/Server/Printer/Check-out Area
- Instruction area
- Smart Board
- 25-30 children maximum
- Research/Hard-wired
- Ceiling mounted projector
- Audio Visual drop
- Wireless for adult/evening use
- Access from exterior of building
- Not near athletic, music, cafeteria, main lobby (noisy areas)
- Computer lab with 30 drops



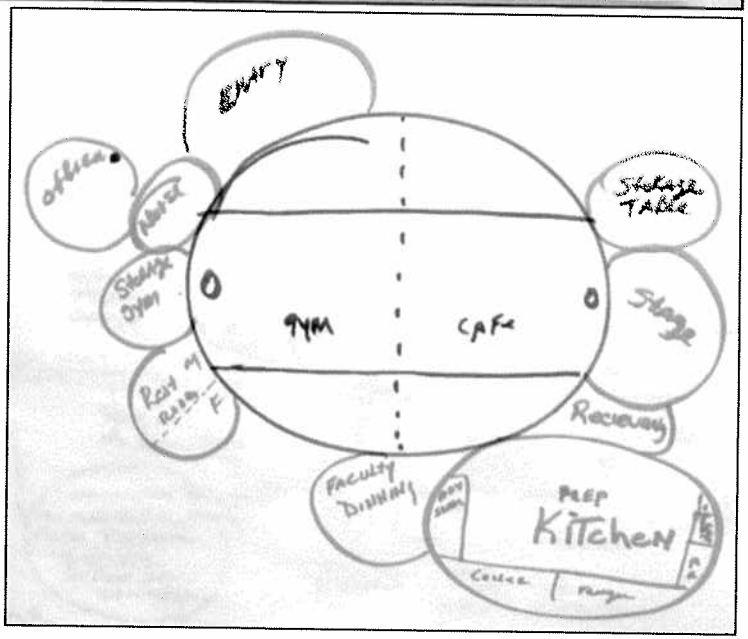


Visual/Performing Arts

- Music Room
  - Carpet
  - Chairs
  - Piano
  - Media (CD Player, etc)
  - Instruments (Storage/Shelves)
  - Chalk/White/Smart Board
- Stage
  - Risers
  - Sound System
  - Microphones
- Art Room
  - Linoleum (non-carpeted) floor
  - Tables & chairs
  - Drying rack/Project storage
  - Sinks
  - Kiln would need separate storage/ventilation (if available at a K-1 school)
  - Technology (Computers/LCD Screen/Smartboard)

Student Dining/Food Service/Custodial

- EE heating system
- Security system at entry
- Day lighting
- Combination gym and cafeteria



Community Dialogue Results

The Warren County School District held a community dialogue in the evening of Monday, March 24, 2008 to gain community input on how best to address the Kindergarten capacity issues of the Central Attendance Area as well as other educational adequacy issues at South Street Elementary

Five options were presented for the consideration and input of attendees. The options were:

- **Option A** – First Grade Addition at Warren Area Elementary Center (WAEC)
- **Option B** – Renovation/Addition at Pleasant Township School as a K-1
- **Option C** – New K-1 School
- **Option D** – Addition/Renovation to create two 200 student schools at South Street and Pleasant Township
- **Option X** – Addition at South Street (Not considered a viable option due to site limitations)

Approximately 110 parents, district staff, school officials, and community representatives were in attendance. These individuals completed individual questionnaires, and then worked in small groups to complete group questionnaires.

The respondents indicated a strong preference for Option B, followed by Options C and D respectively. Option A was least preferred.

The following pages provide the results of the completed individual and group questionnaires, comments as written by respondents, and a numerical summary of responses.

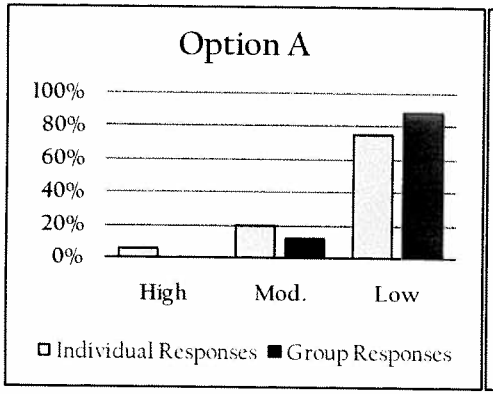
Question 1 Results

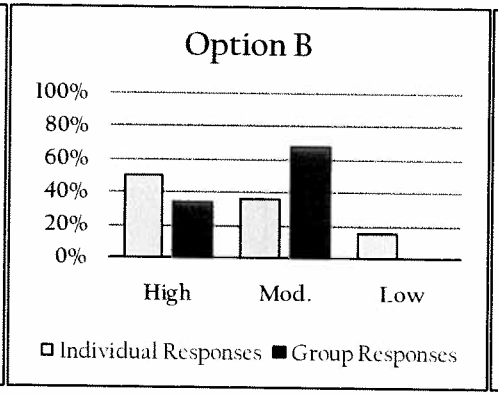
Question 1 asked participants to describe their preferences for each option as High, Moderate, or Low. The following table and charts show the display the results.

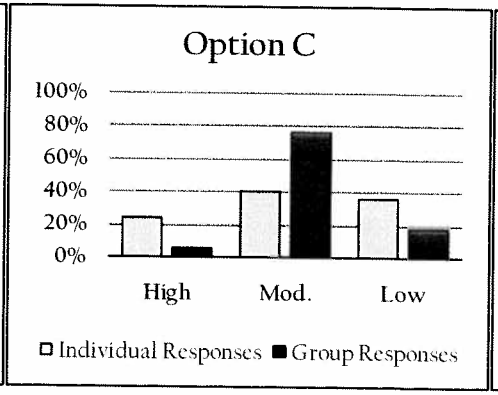
Renovation/Addition to Pleasant Township (Option B) was the most favored option, with 85% of the individual responses and 100% of the groups rated the option as High to Moderate. Option First Grade Addition at WAEC (Option A) was rated the lowest.

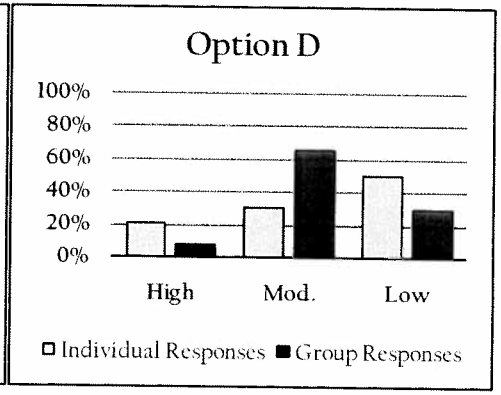
1. Select your preferences for each option						
Options	Individual Responses			Group Responses		
	High	Mod.	Low	High	Mod.	Low
Option A: First Grade Addition at WAEC	5%	20%	75%	0%	12%	88%
Option B: Reno/Add Pleasant Twp as K-1	50%	35%	15%	33%	67%	0%
Option C: New K-1 School	24%	40%	36%	6%	76%	18%
Option D: South Street and Pleasant Schools	20%	30%	50%	7%	64%	29%

Building a New School (Option C) and Renovations/ Additions to South Street and Pleasant Township (Option D) were moderately rated, with Option C rated slightly better than Option D.









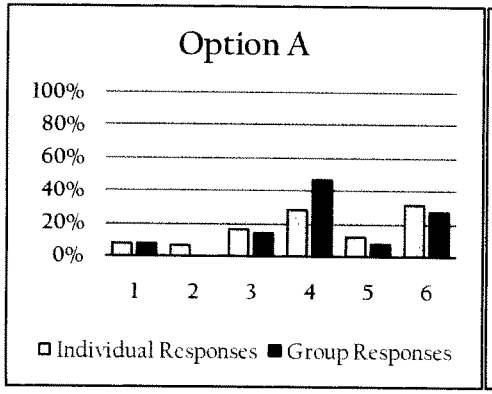
Question 2 Results

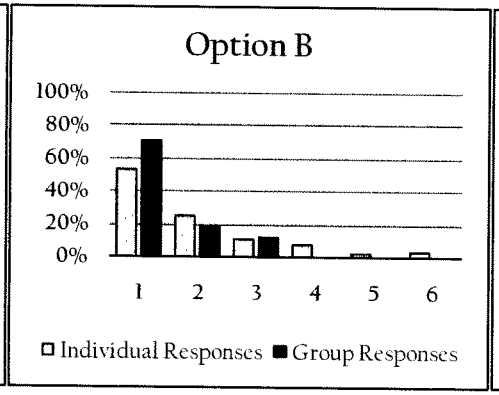
Question 2 asked participants to rank the Options on a scale of 1 to 6, where 1 = the Most Desirable and 6 = the Least Desirable. The following table and charts show the display the results.

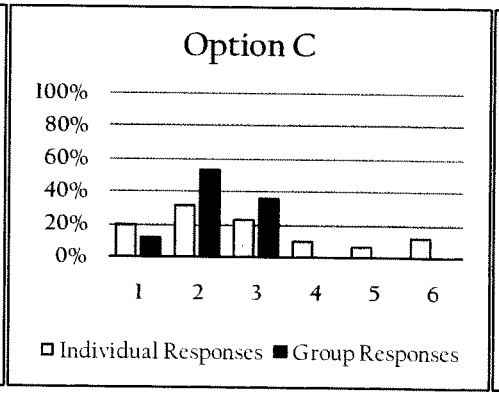
2. Please rank the options. [Select each option ONCE. 1= Most Preferred, 2= Least Preferred]

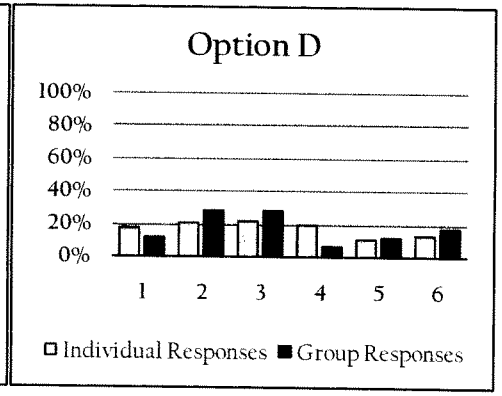
Options	Individual Responses						Group Responses					
	1	2	3	4	5	6	1	2	3	4	5	6
Option A: First Grade Addition at WAEC	7%	6%	16%	28%	12%	31%	7%	0%	13%	47%	7%	27%
Option B: Reno/Add Pleasant Twp as K-1	53%	25%	11%	7%	2%	3%	70%	18%	12%	0%	0%	0%
Option C: New K-1 School	19%	31%	23%	10%	6%	11%	12%	53%	35%	0%	0%	0%
Option D: South Street and Pleasant Schools	17%	20%	22%	19%	10%	13%	11%	28%	28%	6%	11%	17%

The rankings mirror the results from Question 1. Option B is the highest ranked, with 53% of individual responses and 70% of group responses ranking it as the most preferred option. Twenty-eight percent of the individual responses and 47% of the group responses ranked Option A as the fourth preferred option. Option B was clearly the preferred option by both the individuals and groups









Comments

Option A

Individual Comments

- Would provide less transition for young children
- I like Option A but rated it lower due to possible disruption of student learning environment due to construction
- Would rank higher for me if the parking could be improved

Group Comments

- Super-school, lower quality of education
- Water Issues, flooded basements in houses of that area
- Too hot or cold in that area
- All at table are against this option – don't like the idea of isolating K, and there is way too much congestion at WAEC

Option B

Individual Comments

- I like the idea of creating/building a school that would accommodate pre-K in the future
- Would look like a newer, up-to-date facility
- K-1 teachers would be able to meet the educational needs of students
- I think it will be well worth the money in the long run

Group Comments

- K-5 is a good idea [3]
- This was everyone at the table's first choice

Option C

Individual Comments

- Hidden costs and not known location
- K-5 building is a wonderful idea
- Does not include demolition costs if built on a site already used
- Would be my favorite if the District had the money, maybe with the sale of South Street

Group Comments

- Taxes are too high
- Parents want a quality school for their kids
- Everyone agrees they would not want a whole new school up on the hill with WAEC and the high school due to congestion
- Cost factor (hidden costs)
- It would be nice to see site options (2)
- Could be K-5
- Preferred option if it occurred at Pleasant and cost was not a factor

Option D

Individual Comments

- Positive only if a K-1 center and not split [2]
- K-1 only!
- Both schools should be K-1 to avoid multiple transitions
- Another administrator (assistant principal) would need to be hired
- SSELC needs to be renovated if Option D
- Did not include renovation costs

Group Comments

- Too many transitions
- K-1 at both schools [2]
- We want to avoid two buildings again

Other Options

Individual Comments

- Add a third story to South Street [2]
- Option X (adding on to South Street)
- Building at one of the sites where a K building was torn down, or use the other old K buildings
- K-5 at WAEC and Pleasant [3]
- New K-5
- Go back to half-day K
- Lease a building [4]
- Anything besides Option A

Group Comments

- Another K-5
- Lease private buildings if feasible
- K-5 at Pleasant site could be considered
- Combination of Options B and C

Other Comments

Individual Comments

- WAEC would not need a gym expansion (built now to be divided), library would not need to be expanded, biggest problem would be parking
- It's hard to compare options without the cost of renovations at SSELC
- Poor planning, should have built WAEC bigger
- Think about the children
- Too many children at the elementary/high school areas isn't safe
- Why close all the schools and then approve all-day K
- Move alternative education out of WAHS
- Keep K and 1st grade together in one facility [4]
- Transportation problems for WAEC/hill
- No 5 and 6 year olds need to be up on the hill with the high school kids

- Keep the kids young and let them grow – not push them to grow too fast
- I do not want my two girls going to two different schools
- Please consider the longevity of the final decision. How many years will it be before updates will be needed again?
- Plan for the future! This should have been done while planning for WAEC
- When will this construction start and what class will be affected?
- Time for each construction
- Renovations can only take WCSD so far
- $ $ $ $ $ - $1,000,000 = 2.5 mills of taxes
- The idea of a K-5 school is good
- K-1 at both schools, not K at one and 1st grade at the other
- A K-1 school eliminates at least one building transition
- Could cut down on bus issues if adjacent to WAEC
- Two K-5's gives more opportunity to expand if there becomes any changes in the future (i.e. Pre-K) – You aren't locked into 1 school for just K-1
- Money – Money – Money = Tax increase
- Consider Pre-K in the future
- The schools need to be either K-1 or K-5, not just K
- New school is too costly
- K-5 option is a great idea!
- There are other schools needing future attention, also – Beaty/all high schools
- Don't really care for any options
- Busing issues were not addressed
- Busing isn't good now, what's going to happen?
- Water runoff problem already in surrounding areas due to WAEC
- Why wasn't this considered when building WAEC
- Thought this meeting was going to address issues now
- By choosing any options that keep South Street open, would still be a safety issue parking on Main Street and play area
- Pleasant would be the best option as to safety, it's back of a main road, has lots of expansion room
- Should consider dropping all day K (only for considering all potential options)
- I don't like the idea of changing schools multiple times between K-5 grades
- Is it faster to build a new building or to renovate an existing building?
- Having all kids at the same age at one school allows for consistency
- South Street School is a poor facility, outdated, not conducive to proper learning
- This should have been done a year ago because it does not solve our problem for next year
- Are there any options not presented?
- Least available required space in existing buildings. Wal-Mart leases all of its stores for a reason. The lessor would also continue to pay property taxes
- We're forgetting why we closed Jefferson, Market Street, Home Street, and Pleasant. WAEC was sold based on the benefit of a consolidated 21st Century School. If you are going to have three schools (WAEC, South Street, Pleasant) then you mock the goal and take away these advantages. But having a single K-1 facility is too expensive.
- South Street is so close to the refinery, too much traffic near school!
- I would like to see pre-school inclusion addressed as I feel in the future this will be an issue and it would be beneficial to all to consider this now rather than later
- The Pleasant Township option is by far the best. It utilizes district-owned property with considerable room for expansion. Playground space is already there as well as the

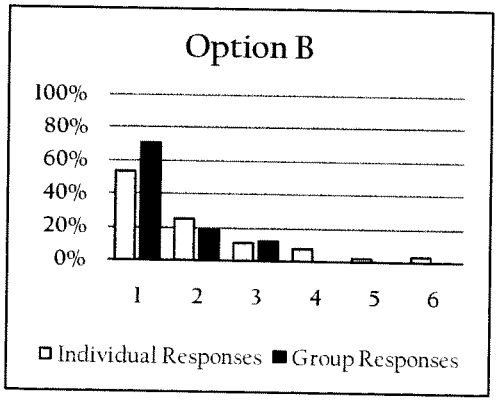
traffic issue raised is ridiculous. This was a functioning school for 70 years. Folks in Pleasant Township handled the traffic just fine.

- I find it interesting that nothing in this meeting to date has addressed future mandates regarding Pre-K requirements. This speaks even more to the needs of keeping both South Street and Pleasant open.
- I would question the demolition of the old building (Pleasant). Why couldn't this be used for nurse's office, administrative offices, computer labs, special instruction rooms, etc.
- I cannot with any confidence support building a new K-1 because I cannot trust that this school district would not make the same mistake again and build the new school on the top of Fifth Avenue, the worst possible location.
- What about Beaty, which is at present a physical plant and learning environment that is disgraceful at best
- I was invited to be on the panel but was unable due to it being scheduled during regular work hours. Was any consideration given to scheduling those sessions during evening or weekend hours when working parents could participate?

Group Comments

- Parents were disappointed because they were misled about the purpose of the meeting. They still don't know where their kids will go to school next school year.
- Who is financing this?
- If there is a new school, please don't consider "up on the hill"
- One school for consistency sake (K-1, 2-5)
- Pre-K should be considered
- Concerns were expressed about transportation costs related to the various options
- Renovations at South Street need to be completed if it is to remain open
- The difference of $2 million is not enough to renovate instead of new construction for Pleasant
- School should be at Pleasant because it's a pre-existing site, district-owned facility in the central attendance area, not on the high school campus
- Could not come to consensus on the ranking options
- Kindergarten and 1st Grade should stay together no matter what
- One member preferred Option C next to WAEC, Playground and parking are major concerns

Recommendations



The Planning Committee forwards the following recommendations:

1. Long-term: Renovation/Addition at Pleasant Township School

   It is recommended that Pleasant Township School become the new home for the PK-1 students in the Central Attendance Area. It is propose that this building undergo demolition of the 1930's building, renovation of the 1960's building, and new additions to accommodate all [approximately 380] PK-1 students in the Central Attendance Area. This option will address Kindergarten and 1st grade capacity problems, inadequacies of the South Elementary School and enable the students currently attending Alleghany Valley ES to return to the Central Attendance Area. The renovation and expansion of Pleasant Township will result in the creation of a state-of-the-art learning environment for young children.

2. Short-term: Continue to use Alleghany Valley ES

   It is recommended that Allegany Valley ES continue to accommodate the additional students in the Central Attendance Area until the Long-term recommendation is implemented. This means that each year, there would be a new group of Kindergarten students from the Central Attendance area will be attending Allegany Valley ES.

   It is further proposed that a survey of the Central Attendance Area parents whose children are currently attending Kindergarten at Alleghany Valley ES be conducted. The survey would be used to determine if current Kindergarten parents would prefer to keep their children at Alleghany Valley ES for 1st grade and then move directly to the Warren Area Elementary Center at the beginning of 2nd grade or if they would prefer for their child to attend 1st grade at South ES. It is proposed that parents be given this option and if possible that their interest be accommodated.

Educational Specifications
Criterion Evaluation Checklist

Criterion	Yes	No
1) Distinguishes between required and optional features.		X
2) Documents the educational philosophy reflected in project's design.		X
3) Highlights the educational, administrative and community needs for each **usable space**.		X
4) Highlights the educational, administrative, and community needs for **site features**.	X	
5) Indicates how each component must be designed to meet educational, administrative and community needs.		X
6) Documents design objective of the project, as well as characteristics and relationships on the site, and in the building.	X	
7) Educational specifications describe characteristics and objectives to be achieved in the building.	X	
8) Document the written expression and direction by the School District to the Project Architect.	X	
9) Educational specifications document:		
i) School Site:		
(a) School activities	X	
(b) Community activities		X
(c) Vehicular circulation and parking	X	
(d) Separation of auto and service circulation from buses	X	
(e) Elimination of potential nuisances and hazards		X
(f) Play and athletic opportunities	X	
(g) Park and natural areas		X
(h) Safety	X	
(i) Reasonable maintenance		X
(j) General appearance of the public land		
ii) Spaces in the Building:		X
(a) Identify educational, community and other activities for each pace.		X
(b) Identify users, numbers involved in various activities		X
(c) Number and size of needed spaces; dimensions if necessary to accommodate certain activities	X	
(d) Characteristics of the spaces	X	
(e) Community use of certain spaces while access to the remainder of the building is restricted		X
iii) Relationships of Spaces:		
(a) Close relationships (adjacency):		
1. By grade or department, with library centrally located	X	
2. Sciences, technical education, mathematics	X	
3. Arts, technical education, home economics	X	
4. Music, auditorium, etc.	X	
5. Physical education facilities	X	
6. Services to the building, receiving, custodial, storage, trash, boiler room		X
7. Health and Building Administration		X
8. Main entrance and Building Administration (for security)	X	

Educational Specifications
Criterion Evaluation Checklist

(b) Distant Relationships (isolation):	X	
1. Music	X	
2. Physical Education	X	
3. Industrial Arts / Technology Education		X
4. Building Services		X
iv) Other Considerations:		
(a) Efficiency of design; maximum use of space		X
(b) Ease of change and expansion in the future		X
(c) Quality and maintenance of materials and equipment		X
(d) Energy conservation	X	
(e) Sustainable school design (high performance / green design)	X	
(f) Accommodation for persons with disabilities	X	
(g) Supervision and safety on the site and in the building		X
(h) Security systems		X
(i) Provisions for privacy and supervision in the health suite, guidance and building administration areas		X

Educational Specifications
Criterion Evaluation Checklist

27 August 2009

Criterion	Yes	No
1) Distinguishes between required and optional features. NO SPECIFIC PROJECT		X
2) Documents the educational philosophy reflected in project's design.		X
3) Highlights the educational, administrative and community needs for each **usable space**.		X
4) Highlights the educational, administrative, and community needs for **site features**.		X
5) Indicates how each component must be designed to meet educational, administrative and community needs.		X
6) Documents design objective of the project, as well as characteristics and relationships on the site, and in the building.		
7) Educational specifications describe characteristics and objectives to be achieved in the building.		X
8) Document the written expression and direction by the School District to the Project Architect. NO MASTER PLAN ESTABLISHED. OPTION B IS HIGH LEVEL		X
9) Educational specifications document:		X
i) School Site:		
(a) School activities		
(b) Community activities		
(c) Vehicular circulation and parking		
(d) Separation of auto and service circulation from buses		
(e) Elimination of potential nuisances and hazards		
(f) Play and athletic opportunities		
(g) Park and natural areas		
(h) Safety		
(i) Reasonable maintenance		
(j) General appearance of the public land		X
ii) Spaces in the Building:		X
(a) Identify educational, community and other activities for each pace.		
(b) Identify users, numbers involved in various activities		
(c) Number and size of needed spaces; dimensions if necessary to accommodate certain activities		
(d) Characteristics of the spaces		
(e) Community use of certain spaces while access to the remainder of the building is restricted		X
iii) Relationships of Spaces:		X
(a) Close relationships (adjacency):		
1.B y grade or department, with library centrally located		
2.S ciences, technical education, mathematics		
3.A rts, technical education, home economics		
4.M usic, auditorium, etc.		
5.P hysical education facilities		
6.S ervices to the building, receiving, custodial, storage, trash, boiler room		
7.H ealth and Building Administration		
8.M ain entrance and Building Administration (for security)		

Educational Specifications
Criterion Evaluation Checklist

(b) Distant Relationships (isolation):		X
1.M usic		
2.P hysical Education		
3.I ndustrial Arts / Technology Education		
4.B uilding Services		
iv) Other Considerations:		X
(a) Efficiency of design; maximum use of space		
(b) Ease of change and expansion in the future		
(c) Quality and maintenance of materials and equipment		
(d) Energy conservation		
(e) Sustainable school design (high performance / green design)		
(f) Accommodation for persons with disabilities		
(g) Supervision and safety on the site and in the building		
(h) Security systems		
(i) Provisions for privacy and supervision in the health suite, guidance and building administration areas		

AT THIS POINT THIS WORK IS TOO GENERAL - PICTURE-

Warren County School District
Buildings Grounds Department - 2009 Project Timelines

	PPF Forward Motion to approve work order to Architects /Engineers	Board Meeting approve work order to Architects /Engineers	PPF Forward Motion to Submit Form 3074 (a,b,c)	Board Meeting Approve submission of PDE Form 3074 (a,b,c)	Forward 3074 (a,b,c) to PDE for Approval	Received Approved 3074 (a,b,c) from PDE	Send Work Order to Architect / Engineer for Signature	Execute Work Order between District and Architect /Engineer	Begin steps to Design Project/Write Technical Specifications	Request for Prevailing Wage Determination - Depart of L&I
Task Start Date										
Project No. 0807 WAHS Curtain Wall Replacement - Phase II	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	N/A	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)
Task Start Date			2/23/2009	3/9/2009	3/12/2009	3/26/2009				
Project No. 0901 EMHS & YHS Scoreboards Purchase	N/A	N/A	100%	100%	100%	PDE#: 731-09-0159-A	N/A	N/A	N/A	N/A
Task Start Date	12/16/2008	1/12/2009	2/23/2009	3/9/2009	3/23/2009	3/26/2009	3/18/2009	3/18/2009	4/29/2009	6/3/2009
Project No. 0902 WCCC Welding Shop Upgrades	Item was passed by PP&F to Board meeting.	100%	100%	100%	100%	PDE #731-09-0194-A	Work Order No. 0701.0902 w/ HRLC	100%	HRLC received specs & design criteria from Lincoln	100%
Task Start Date	1/26/2009	2/9/2009	2/23/2009	3/9/2009	3/12/2009	3/26/2009	3/18/2009	3/18/2009	3/23/2009	3/31/2009
Project No. 0903 SGES Window Replacements	100%	100%	100%	100%	100%	PDE#: 731-09-0158-A	Work Order No. 0701.0903 w/ HRLC	100%	100%	100%
Task Start Date	1/26/2009	2/9/2009	2/23/2009	3/9/2009	3/12/2009	3/26/2009	5/11/2009	5/12/2009	5/13/2009	6/4/2009
Project No. 0905 SGES, SSELC & SES Fire Alarm Upgrades	100%	100%	100%	100%	100%	PDE #: 731-09-0160-A	Work Order No. 0704.0905 w/ HF Lenz	100%	100%	100%

Warren County School District
Buildings Grounds Department - 2009 Project Timelines

Received Prevailing Wage Determination - Depart of L&I	Merge Front End with Design Specifications - Send to Printer	Write Legal Advertisement - Advertise for 3 consectutive weeks in newspaper	Pre-Bid Conference with Potential Bidders	Bid-Date Accept Proposals	PPF Forward Motion to approve awarding bids	Board meeting to approve awarding bids	Apply for Uniform Construction Code - Building Permit	Receive Uniform Construction Code - Building Permit	Send Letter Requesting Bond and Insurance Certificate	Received Bonds and Insurance Certificates
					12/16/2008	1/12/2009				
Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Change order approved as part of contract 0807.1	Change order approved as part of contract 0807.1	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)
				12/8/2008	12/16/2008	1/12/2009				2/4/2009
N/A	N/A	Advertised by purchasing department.	N/A	100%	100%	100%	N/A	N/A	100%	100%
6/3/2009	7/10/2009		7/29/2009	8/5/2009	7/27/2009	8/13/2009	6/19/2009	7/9/2009	8/14/2009	8/21/2009
100%	100%	7/14/09, 7/21/09, 7/28/09	10:00 a.m. at WCCC	2:00 p.m. at C.O.	PPF Committee passed approval to BOD upon opening of bids.	100%	Submitted to MDIA	Approval from MDIA	100%	100%
3/31/2009	4/10/2009		4/30/2009	5/8/2009	4/29/2009	5/11/2009	6/30/2009		5/12/2009	5/19/2009
100%	100%	4/3/2009, 4/10/2009, 4/17/2009	10:00 a.m. at WCCC	2:00 p.m. at C.O.	PP&F Committee forwards motion TBD after bid opening.	100%	Submitted to MDIA		100%	100%
6/4/2009	6/8/2009		6/19/2009	6/25/2009	6/29/2009	6/29/2009	7/8/2009		6/29/2009	7/8/2009
100%	100%	6/10/09, 6/15/09, 6/22/09	100%	100%	100%	100%	100%		100%	100%

Warren County School District
Buildings Grounds Department - 2009 Project Timelines

Write Construction Contracts	Mail Notice of Award Letter with two (2) Original Contracts	Return Bid Bonds to disappointed Bidders	School Board President executes Contracts	Return one (1) Fully executed Contract with Notice to Proceed Letter	Project Start Date	Estimated Project End Date
			3/18/2009	4/14/2009		
Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	Done as part of 0807 project (done in '08)	President executes change order for Phase II	Change Order for Phase II returned to company.		
3/10/2009	3/11/2009		3/31/2009	4/17/2009		
100%	100%	N/A	100%	100%	7/7/09	Construction deadline: 8/14/2009
8/14/2009	8/14/2009	8/25/2009	8/13/2009			
100%	100%	100%	100%	100%	7/24/2009	Construction deadline: 12/30/09
5/29/2009	6/1/2009	7/10/2009	6/29/2009	7/8/2009		
100%	100%	100%	100%	100%	9/19/09	Construction deadline: 11/30/09
6/29/2009	7/1/2009	7/10/2009	6/29/2009	7/10/2009		
100%	100%	100%	100%	100%	7/6/2009	Construction deadline: 8/31/09

B&G Summer Projects 2009

- Scoreboard installations at EMHS and YHS
- Fire alarm upgrades at SGES, SSELC and SES
- Panel replacements at WAHS
- Water proofing at BWMS, WCCC and WCTC
- Concrete repairs at EMHS and SAMHS
- Asphalt repairs at AVES, YEMS and WAHS
- Carpet installation at LEC and BWMS
- Stair treads replaced at BWMS and YHS
- New ceiling, energy efficient lights and new flooring installed in the cafeteria at BWMS
- Classrooms reconfigured to create two new computer rooms at SAMHS
- Walk-in coolers and freezers installed at YHS and SAMHS
- Main entranced reconfigured for additional security at YHS
- SmartBoard wiring installed in all schools
- New cafeteria equipment installed in several district kitchens (please see attached list)

WCSD Cafeteria Equipment Replacement (Summer 2009)

Beaty Warren Middle School	1	Double Convection Oven
	2	Double Convection Oven
	3	Steamer
	4	Six Burner Stove
	5	Food Warmer
Eisenhower Middle/Senior High School	1	Steamer
	2	Double Door Reach-in Cooler
	3	Double Door Reach-in Freezer
Russell Elementary School	1	Food Warmer
Sheffield Area Middle/High School	1	Double Door Reach-in Cooler
	2	Walk In Cooler & Freezer
Sheffield Elementary School	1	Steam Table
Sugar Grove Elementary School	1	Double Door Cooler
Warren Area High School	1	Steamer
Youngsville High School	1	Reach-in Cooler - Single Door
	2	Walk In Cooler & Freezer

The Lincoln Electric Company
22801 St. Clair Avenue
Cleveland, OH

THE LINCOLN ELECTRIC COMPANY
World's Leader in Welding and Cutting Products,
Arc Welding and Cutting Robotics Systems,
and Welding Fume Extraction Systems.
Sales and Service through Subsidiaries and Distributors Worldwide.

LINCOLN® ELECTRIC
AUTOMATION DIVISION

February 11, 2009

Project: Warren County Career Center
347 East 5th Ave
Warren, PA 16363
Attn: Nate McNett

Herein you will find a formal proposal and quote information for a welding fume extraction system prepared and submitted by The Lincoln Electric Company for Warren County Career Center. The proposal/quote addresses the following items:

1) Lincoln Electric Environmental System quotation
2) Delivery
3) Terms and Conditions
4) Service and Maintenance
5) Warranty
6) Equipment Specifications

If the automatic controls and filtration package option is purchased, the central Statiflex 6000MS filtration system is a fully-controlled solution that includes a programmable self-cleaning filtration unit, pre-separator, central fan with sound absorbing box and fume extraction arms that have automatic start/stop arc sensing capability and working lamps. It is virtually an intelligent system. The fume extraction arms will contain a work light and an arc sensor, along with automatic dampers. Using the arc sensor, the system will react based on demand. An electronic signal is sent by the arm that is active, operating the automatic dampers accordingly and self regulates the central fan speed depending on how many arms are in use whereby maintaining the same amount of CFM extraction air volume per station. This can save in operating energy costs and system life.

The Lincoln Electric Company has reviewed the specifications for Warren County Career Center and has designed a Low Vacuum welding fume extraction system for a total of 21 welding stations, with 2 separate systems.

The system equipment has been designed for 12 arms per the customer provided requirements, floor dimensions and layout. Based on that information, the approximate per arm airflow volume is 600 CFM. If the requirements, floor dimensions or system layout changes the CFM value may or may not be affected.

The SF15000 central fan, consists of a 11 kW, 15 hp. fan with 4 vibration suppressors and a sound absorbing box reducing operating noise level from 84 dB(A) to 71 dB(A). SF15000 central fan with sound absorbing box weight is 730 lbs.

If the filtration package is purchased, the central Statiflex 6000MS system has a recommended 15 arm maximum capacity. The Statiflex 6000MS features two large cellulose filter cartridges that provide a 99.8% filtration capacity with a 1,615 square ft. surface area. Statiflex 6000MS with pre-separator weight is 658 lbs. The Statiflex 6000MS filter unit contains an electronic control unit. The control system monitors air flow rates in and out of the filter and will automatically signal a cleaning pulse when an increased pressure drop is detected. This situation is identified when the indicator light is on all the time. A blinking light indicates normal filter operation. An automatic cleaning cycle can and must be set. This is usually done during fan off-line hours and allows the unit to self-clean the entire filter surface area.

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Spiral ductwork from 8" to 24" diameter and an air compressor system (90-105 psi, dry clean air capacity) **are not included** in Equipment List and Pricing Sheet, but are required for the central filtration system. It is recommended that a summer/winter switch (turn valve) be integrated into the exhaust duct beyond the central fan and silencer. The summer/winter switch will give the option of indoor recirculation or outdoor exhausting.

The LTA 2.0 Telescopic extraction arm extends 3 to 4.5 ft. and features a pivoting motion from ±45° from vertical position and up to 45° out from the wall. The hood is rotatable to 360°.

Recommended height installation of extraction arms is 7.5 to 8 ft. from the floor. Specific applications may require mounting the arm at a different height. The wall should be of solid construction, e.g. steel, concrete block or sturdy backing board to support the weight of the extraction arm and the force created when the arm is repositioned.

Equipment Pricing is specified as "fume extraction equipment" only and **does not include** any ducting or ducting installation, service and maintenance, any electrical costs associated with installation of the equipment within the facility including hardware and labor or shipment of the equipment to the facility from Lincoln Electric.

Please refer to the "Delivery" and "Terms and Conditions" section for further explanation.

Thank you for the interest in Lincoln Electric environmental systems. Lincoln Electric looks forward to working with you in creating the optimal welding environment that will benefit you and your facility.

When you send the order in for processing, referencing the quote number and list the line items being purchased by part number as they appear on this quote.

Thank you for your cooperation. If you have any questions, please let me know.

Yours very truly,

Marty Siddall

HIGH VOLUME WELDING FUME EXTRACTION SYSTEM

WARREN COUNTY CAREER CENTER 02/11/2009

Quote No. 20067621

QTY	PRODUCT NUMBER	PRODUCT DESCRIPTION
21	K1655-3	**LTA 2.0, TELESCOPIC EXTRACTION ARM** *WALL MOUNTED PIVOTING SUCTION ARM, WITH 3' TO 4½' EXTENSION. THIS ARM PIVOTS FROM ± 45° FROM VERTICAL, AND PIVOTS UP TO 45° FROM THE WALL.*
2	S23281-40	**SF 15000 RIGHT HAND- CENTRAL FAN** *CENTRAL FAN CONTAINS A 11kW, 15 hp. MOTOR THAT RUNS AT 2920 RPM. THE MOTOR IS ENCLOSED WITHIN A METAL SOUND ABSORBING BOX THAT IS DESIGNED WITH INTERNAL SHOCK ABSORBERS THAT AID IN REDUCED VIBRATIONS AND SOUND LEVELS. OPERATING VOLTAGE IS 400-690VAC/3PH/50Hz. THE CASE IS DESIGNED WITH A RIGHT SIDE ACCESS/INSPECTION DOOR FOR EASE OF MAINTENANCE.*
2	M20910-3	**ENVIRONMENTAL, FAN MOUNT, STAND** *THE SF15000 FAN UNIT REQUIRES A FAN STAND THAT CAN SUPPORT THE WEIGHT OF THE FAN AS WELL AS PLACING THE FAN AT THE CORRECT HEIGHT RELATIVE TO THE FILTER UNIT USING THE ADJUSTABLE FEET.*
2	AD1283-3	**AB POWERFLEX 40,15HP DRIVE ASSEMBLY** *THE FREQUENCY CONTROLLER IS A POWER LINE FILTER THAT REGULATES THE CENTRAL FAN INPUT VOLTAGE BASED UPON THE AMOUNT OF ARMS THAT ARE OPERATING. IT RECEIVES AN INPUT SIGNAL FROM THE IF 15 INTERFACE AND BASED ON THE EXTRACTION DEMAND, WILL AUTOMATICALLY ADJUST THE CENTRAL FAN SPEED ACCORDINGLY TO MAINTAIN THE SAME AMOUNT OF AIR VOLUME (CFM) PER STATION.* *IT IS WIRED IN BETWEEN THE INPUT POWER AND CENTRAL FAN UNIT AND COMES WITH A NEMA RATED ELECTRICAL ENCLOSURE. USED WITH AN SF15000 CENTRAL FAN UNIT.*
21	S23105-23	**REDUCER,DUCT,ADAPTER,200MM TO 8" ID** *DUCT ADAPTER THAT CONVERTS METRIC DIAMETER DAMPER TO IMPERIAL 8" DIAMETER SPIRAL DUCT.*
21	S23385-41	**MD 200-MANUAL DAMPER, STATIFLEX 6000-MS** ✓ *THE MD200 MANUAL DAMPER IS USED TO CONTROL OR "TUNE"*

02/11/2009

Quote No. 20067621

THE EXTRACTION AIR VOLUME PER ARM IN A MULTIPLE ARM EXTRACTION SYSTEM. IT IS USED IN A FULLY CONTROLLED OR UNCONTROLLED SYSTEM. IT IS 8" DIAMETER AND IS MOUNTED BETWEEN THE EXTRACTION ARM AND THE AD200 (IF PRESENT) OR THE CENTRAL/MAIN DUCT.

1 AD1237

SYSTEM DESIGN AND ENGINEERING SUPPORT

INCLUDES ENGINEERING FEE FOR SYSTEM DESIGN, ENGINEERING AND INSTALLATION SUPPORT FOR THE ELECTRICAL AND MECHANICAL CONTRACTORS. LINCOLN ELECTRIC DOES NOT PROVIDE THE SPIRAL DUCTWORK NOR THE INSTALLATION OF THE SYSTEM WHICH INCLUDES AND IS NOT LIMITED TO ANY HVAC COMPONENTS, ELECTRICAL CONNECTIONS, EQUIPMENT MOUNTING AND COMPRESSED AIR CONNECTIONS. ONE SYSTEM INSTALLATION MANUAL IS INCLUDED WITH THE PURCHASE OF THE QUOTED SYSTEM. ADDITIONAL COPIES OF THE INSTALLATION MANUAL ARE AVAILABLE FOR AN ADDITIONAL CHARGE OF $100.00 FOR EACH COPY. FOR BEST RESULTS, PLEASE MAKE PREPARATIONS IN ADVANCE PERTAINING TO SITE PREP, UTILITIES (ELECTRICITY, SHOP AIR, ETC), CLEARING FLOOR SPACE, EQUIPMENT TO REACH DUCT DAMPERS (LADDERS, SCISSOR LIFTS), PROVISIONS FOR TOOLS AND NECESSARY PERSONNEL TO PERFORM THE SYSTEM COMMISSION. A MINIMUM OF TWO WEEKS NOTICE IS REQUIRED PRIOR TO COMMISSION DATE TO ESTABLISH TRAVEL ITINERARY.

TOTAL SYSTEM PRICE: $41,954

HIGH VOLUME WELDING FUME EXTRACTION SYSTEM

WARREN COUNTY CAREER CENTER 02/11/2009

Quote No. 20067621

QTY	PRODUCT NUMBER	PRODUCT DESCRIPTION	PRICE EACH	PRICE EXT.
		Recommended Options: Recycle Hood		
1	XCUSTOM_ITEM	FILTRATION PACKAGE	$30,229	$30,229
		CENTRAL FILTRATION (LOW VACUUM) SYSTEM THAT CAN BE USED FOR WITH A MAXIMUM OF 15 EXTRACTION ARMS. THE FAN/ARM COMBINATIONS CAN AND WILL VARY DEPENDING ON DUCTING LENGTHS AND CFM PER ARM REQUIREMENTS. THIS UNIT REQUIRES COMPRESSED AIR 24 HOURS TO OPERATE THE SELF-CLEANING FUNCTION. THIS FILTRATION UNIT USES MULTIPLE JETS OF COMPRESSED AIR TO CLEAN THE FILTER ONE SECTION AT A TIME. AFTER DUST IS KNOCKED LOOSE FROM THE FILTER, IT COLLECTS IN AN EASY ACCESS BIN BENEATH THE FILTER. INCLUDED IS A STRAIGHT AND ELBOW SILENCER TO REDUCE THE RETURN AIR NOISE AND IS MOUNTED ON THE RETURN AIR SIDE OF THE EXTRACTION FAN UNIT.		
		MAGNEHELIC GAUGE IS A FILTER CARTRIDGE DIFFERENTIAL PRESSURE MEASURING DEVICE THAT PROVIDES A VISIBLE INDICATION OF AIR PRESSURE ACROSS THE FILTER CARTRIDGE AND IS DIRECTLY RELATED TO FILTER SATURATION OR LOAD LEVEL. THE GAUGE MUST BE INSTALLED ON-SITE AND FAN UNIT MUST RUN AT 100% CAPACITY FOR AN ACCURATE READING. THE FILTER CARTRIDGE MUST BE CHANGED WHEN THE INDICATOR READS 8 INCH WC.		
1	XCUSTOM_ITEM	AUTOMATIC CONTROL AND ELECTRONICS	$21,484	$21,484
		EQUIPMENT REQUIRED TO CONVERT THE SYSTEM TO FULLY CONTROLLED, AUTOMATIC OPERATION USING LAMP/ARC SENSOR TECHNOLOGY. THOSE ITEMS INCLUDE: *AD1221 LAMP/ARC SENSORS* *S23385-37 IF15 CONTROLLER* *S23105-24 DUCT ADAPTER* *S23385-39 AUTOMATIC DAMPERS* *AUTOMATIC CONTROL PROVIDES ENERGY SAVINGS BY MEAN OF ON-DEMAND OPERATION AND REDUCES MAINTENANCE THROUGH REDUCTION IN A TYPICAL ON-OFF CONSTANT 100% SYSTEM OPERATION THROUGHOUT THE DAY.*		

ADD Spiral Duct Work

02/11/2009

Quote No. 20067621

LINCOLN ELECTRIC ENVIRONMENTAL SYSTEMS FOR WELDING FUME EXTRACTION

Delivery:

Estimated shipping date is 12 weeks. Actual shipping timeline may vary, and is to be determined based on production schedule at the time an order is received and confirmed.

Delivery date to be confirmed upon receipt of purchase order.

Terms and Conditions:

All prices are F.O.B. Cleveland, Ohio, with Freight Prepaid and invoiced to customer.

Environmental Systems terms: 30% due with order, 30% due prior to shipment and 40% due net-30 days after shipment, unless otherwise approved by Automation Division Management.

System Equipment Prices are in effect for sixty (60) days from date of quotation.

System Equipment Prices do NOT include:

1. assembly, electrical or mechanical installation
2. electrical wiring
3. state and local taxes
4. freight
5. ducting
6. air-compressor and related accessories

Order Cancellation Charges:
If an order is cancelled after work has been started on the order, cancellation charges will be assessed in accord with the percent completion of the order.

Fittings may be added or omitted upon installation to account for unforeseen obstacles.
Distributors invoice will be adjusted where appropriate.

Central Filter/Fan Location:
To maximize fume extraction system life and performance, it is required that the central filter and fan units are installed in an enclosed shelter if placing the units in the outdoor environment. The shelter should consist of roof, walls and a level floor that is able to support the weight of the preseparator, filter and central fan units. Furthermore, a climate controlled shelter is recommended if area temperatures fluctuate between hot and cold and/or high levels of humidity exist. The fan and filter must be mounted on a flat level surface that such as concrete, that can hold the weight of the fan, preseparator and filter unit. Asphalt is not a suitable surface. This is the responsibility of the customer.

Ducting Specifications:
The fume extraction system will need a duct system based on the facility layout and positioning of the central fan and extraction arms. The duct system is not included in the total system price. Lincoln Electric can aid in duct system design and provide an estimate for material and installation costs of which is the final responsibility of the customer. Per ACGIH recommendations, Clean-out doors in ducts should be provided in horizontal runs, near elbows, junctions, and vertical runs. Spacing of clean-out doors should not exceed 12 linear feet. If applicable, removable caps are recommended at all terminal ends, and last branch connection should not be more than six inches from the capped end.

For greatest system performance and leak-proof installation, it is recommended that the ductwork be of a clamp-together design (Nordfab® quick-fit or similar product) using a die-formed, rolled edge, which is then joined together by a single lever clamp of similar material. All clamp together ducting should be of continuous construction, preferably through Laser welding, along the longitudinal seam of the rolled form duct. All connections should have a nitrile rubber gasket for rolled edges and nitrile rubber o-ring for rolled edge to duct connection and seal in clamp for standard applications. Duct system must follow the standards as set by SMACNA leakage CLASS 3 for 10 inch SP and duct wall thickness to handle a maximum of 12 inch SP.

Spiral duct thickness recommendations for system:
8, 10, 12, 14, 16 (inches): 20 Gauge
18, 20, 22, 24 (inches): 18 Gauge

Non-Filtration Systems:
Non-filtration systems are welding fume extraction systems that draw the welding fume into the system and exhaust it to the outdoors without filtering the particulate. The system can be set up to operate in either an on/off or automatic configuration. On/off systems are simply that, they are operated by a one switch system that turns the fan unit on or off and all the arms are extracting at the same time. A fan exhaust shutter must be installed on the exhaust port of the fan unit to prevent backflow or reverse air flow back into the facility when the fan unit is not running. Please review section Welding Fume Exhaust to the Outdoors and USEPA Regulations for additional information regarding exhausting of welding particulate into the outside environment.

Pre- and Post- Installation:
A pre-installation procedure is provided by Lincoln Electric which includes an overview of the system configuration and components with mechanical and electrical contractor(s). Pre-installation shall occur through teleconference or on-site visit.

A post installation inspection is provided by Lincoln Electric which includes system start-up, fume extraction system adjustments, "CFM airflow tuning" for optimal performance and training of operation and routine service and maintenance. Routine service and maintenance of the fume extraction system is recommended and not included in the quoted price.

Pre- and Post- Industrial Hygiene Air Monitoring:
The value of Pre- and Post- Installation industrial hygiene air monitoring is that it documents and assures that the use of the ventilation system is adequate both from the equipment and work practice prospective for which it is intended to be used. OSHA defines adequate ventilation to be that ventilation required to maintain or to reduce personal exposures below the applicable Permissible Exposure Limits. This service is not provided by Lincoln Electric.

In addition, either personal or area IH Monitoring can provide an empirical measure of the degree of effectiveness of the exposure control; i.e. it reduces the potential exposure by half, 10x etc. This information can be used to estimate the impact on the capacity of the system to handle changing work conditions.

Welding Fume Exhaust to the Outdoors and USEPA Regulations:
The US Environmental Protection Agency through state and local authorities sets limits on a facility#s aggregate emissions of regulated chemicals (i.e. metals). The addition of a new stationary exhaust source such as a central welding fume ventilation system with an outside exhaust may trigger the requirement for an air permit. If it does, then you will need a permit to install prior to getting a permit to operate.

If you do not know if you need an air permit to install a ventilation system with an outside exhaust, then you should contact your air permitting authority and determine what your requirements are. Failure to comply with air authority

requirements in your region can result in significant fines.

For more information, see http://www.epa.gov/nsr/where.html

Recirculation of Filtered Welding Fume:
It is not the responsibility of Lincoln Electric to research, test and comply with local codes and regulations if filtered air is recirculated (exhausted inside the facility) or unfiltered air is exhausted outside of the facility. If exhausted outside the facility, Lincoln Electric is not responsible for any type of damage or environmental compliance caused by any exhausted particulates and/or substances within the exhausted air.

It is strongly recommended that an indoor/outdoor exhaust duct valve (aka summer/winter switch) be installed if the intention is to recirculate filtered air inside the facility. The duct valve will allow filtered air to be either diverted back into the facility or sent to the outdoors. If recirculation is used, it is recommended to apply a fresh air exchange rate of 30% (minimum).

Service & Maintenance
Routine service and maintenance of the fume extraction system is required. Lincoln Electric does not provide service and maintenance and it is not included in the fume extraction system quoted price.

To sustain an optimal system performance level, routine service and maintenance of the fume extraction system is required. Based on the level of annual consumable usage, type of welding process, condition of base metal and overall type of usage and air quality extracted through system, it is recommended that the particulate drums beneath the Statiflex 6000MS filter unit and preseparator be emptied as needed.

Because the particulate matter collected in the unit may be hazardous, take necessary precautions so that you and your fellow workers do not breathe dust and particulate. Wear a suitable respirator when disposing of the particulate. Follow local environmental regulations for disposal of filters and particulate matter.

NOTE: Lincoln Electric Environmental Systems are designed specifically for welding fume particulate extraction.

Due to weld fume compositions and resultant build-up over time, it is recommended that duct and overall system be routinely inspected and cleaned. Periodic inspection and cleaning of duct will preserve effectiveness and life of weld fume extraction system, and help prevent any potential fire hazards.

NOTE: When using weld fume extraction or Local Exhaust Ventilation (LEV) equipment, sparks from welding, cutting or grinding processes can cause fire within the equipment. To minimize potential fire, operation, service and maintenance guidelines for fume extraction or LEV equipment should be followed.

Improper maintenance of filter unit such as operating with fully saturated main filter over extended period of time may reduce equipment life, filter efficiency, and increase chance of overheating blower motor(s) and potential fire hazard.

The filter media is made of a cellulose material and is designed for dry air filtration. If the air and fume extracted contains any type of oils, anti-spatter, tip-dip and/or moisture, this can affect filter and system performance and life expectancy. It is recommended that routine system maintenance be performed at one month intervals for robotic welding applications and three month intervals for semi-automatic manual welding applications. For robotic welding application(s) with hood canopy fume extraction system(s) design, this includes monthly inspection and cleaning of inner hood canopy, deflector plate and hood outlet, extraction duct, preseparator, filter, fan housing, fan blade condition and filter surface condition, recirculation duct and/or exhaust stack (if applicable). For semi-automatic welding application(s) with multiple arm fume extraction system(s), this includes inspection and cleaning every three months of extraction arm(s), extraction

duct, preseparator, filter, fan housing, fan blade condition, filter surface condition, recirculation duct and/or exhaust stack (if applicable). Based on the cleanliness or condition of the system components (ie. hood, arm, duct, filter, fan), the maintenance schedule may have to be adjusted for shorter or longer intervals.

NOTE: If routine service and maintenance is not performed, applications and processes with oils, anti-spatter, tip-dip and/or moisture may cause damage to system equipment and may void the equipment and filter warranty. If the environmental system is not properly and routinely maintained, the airflow (CFM) level may also be affected.

Proper personal protection equipment (PPE) (ie. respirators, eyewear, clothing and gloves) should be used when servicing and maintaining system, along with disposal of filter (s). Proper disposal pf filter (s) should adhere to federal, state and/or local guidelines and regulations.

The operation of welding fume control equipment is affected by various factors including proper use and positioning of the equipment, maintenance of the equipment and the specific welding procedure and application involved. Worker exposure level should be checked upon installation and periodically thereafter to be certain it is within applicable Occupational Safety Health and Administration (OSHA) Permissible Exposure Limits (PEL) and American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (TLV).

Warranty:
one (1) year, equipment and parts.
thirty (30) days, filters.

Conditions of Warranty - To obtain warranty coverage:

The End User must contact LECO about any defect claimed under LECO's warranty prior to correction. Determination of warranty on equipment will be made by LECO or LECO's Authorized Service Facility.

Warranty Repair:

If LECO or LECO's Authorized Service Facility confirms the existence of a defect covered by this warranty, the defect will be corrected by repair or replacement at LECO's option. At LECO's request, the Integrator or end-user must return to LECO or LECO's Authorized Service Facility any "Goods" claimed defective under LECO's warranty.

Warranty/Service Freight Costs:

For equipment, the end-user customer is responsible for shipment both to and from LECO's Authorized Service Facility. LECO will bear the cost of any required return shipment from LECO's Authorized Service Facility to LECO.

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LINCOLN ELECTRIC ENVIRONMENTAL SYSTEMS EQUIPMENT SPECIFICATIONS FOR WELDING FUME EXTRACTION

Air Specifications

Minimum requirements per compressed air specifications for each Statiflex 6000MS Self-Cleaning Filtration Unit:

Statiflex 6000MS

A. 1 Statiflex 6000MS filtration unit = 150 Ln/min @ 6 bar (90 - 100psi)
B. Air Quality = ISO 8573-1 Class 6 (also in accordance with ANSI)
C. Compressed Air required 24 Hours/day for self-cleaning operation
D. Compressed Air requirement of 6 SCFM @ 90 – 105 psi. with 80 gal. (545 L) reserve tank

Electrical Specifications

2 - SF 15000 central fan electromotors

IEC norm motorIEC	:	132 Direct mounted
Rotation Speed	:	2920 RPM
Power	:	11 kW (15 hp)
Protection class	:	IP 55
Voltage Input	:	460VAC/3 Phase/50-60Hz
Current	:	18.5 Amp @ 460VAC

2 - Statiflex 6000MS filtration units

Voltage Input	:	115VAC/1 phase/50-60Hz
Power	:	50 Watt
Current	:	2 Amp

2 - Powerflex 40 Frequency Controller 11 kW

Ambient Temperature	:	14F – 104F (-10C – 40C)
Input Voltage	:	460VAC +/- 10%, 3 phase, 60Hz
Maximum Humidity	:	95%
UL Listed	:	UL508C
CSA Approved	:	22.2
Dimensions	:	10.2" x 5.1" x 7.1" (H x W x D)
Weight	:	9.5 lbs.

21 - Control Box for LFA/LTA Extraction arms (each station) – Start/Stop Switch

Voltage Input	:	115VAC/1 phase/50-60Hz
Power	:	5 Watt
Current	:	2.75 Amp

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LINCOLN ELECTRIC ENVIRONMENTAL SYSTEMS EQUIPMENT SPECIFICATIONS FOR WELDING FUME EXTRACTION

Mechanical Specifications

2 - SF 15000 central fan electromotor

Unrestricted Airflow	:	8534 CFM (14,500 m^3/h)
Max. Noise Level	:	84 dB(A) – w/o sound absorbing case
Max. Noise Level	:	71 dB(A) – with sound absorbing case
Net Weight	:	496 lbs. (225 kg.) – w/o sound absorbing case
Net Weight	:	730 lbs. (331 kg.) – with sound absorbing case
Dimensions w/SAB	:	51" x 51" x 51"
Inlet Dimension	:	15 11/16" I.D.
Outlet Dimension	:	24 11/16" I.D.

2 - Statiflex 6000MS filtration unit

Maximum AirFlow	:	9,250 CFM (Airflow depends on specific system design)
Filter Surface Area	:	1615 ft^2 (150 m^2)
Efficiency	:	99.8% (stabilized)
Net Weight	:	550 lbs. (250 kg.) Statiflex 6000MS
Dimension	:	48" x 48" x 114"
Inlet Dimension	:	15 11/16" I.D.
Outlet Dimension	:	15 11/16" O.D.
Particulate Drum Cap.	:	24.5 gal (100 L)
Compressed Air Tank	:	13.2 gal. (50 L)
Compressed Air Req.	:	6 SCFM @ 90 – 105 psi.
	:	(150 nl/min @ 6 – 7 bar)

2 - Preseparator

Net Weight	:	150 lbs. (50 kg.)
Dimension	:	26" x 26" x 100"
Inlet Dimension	:	25" O.D.
Outlet Dimension	:	15 11/16" O.D.
Particulate Drum Cap.	:	24.5 gal (100 L)

2 - SAS 630 Straight and 90° elbow silencer

Net Weight (straight)	:	215 lbs. (98 kg.)
Net Weight (elbow)	:	136 lbs. (62 kg.)
Inlet Dimension	:	25" O.D.
Outlet Dimension	:	25" O.D.

Minimum Space Requirements to access and service the Statiflex 6000MS filter, Preseparator and central fan (per system)

Central Fan - IN LINE installation (3 units are installed in a straight line)
14 ft. x 9 ft. x 4 ft. (L x W x H)

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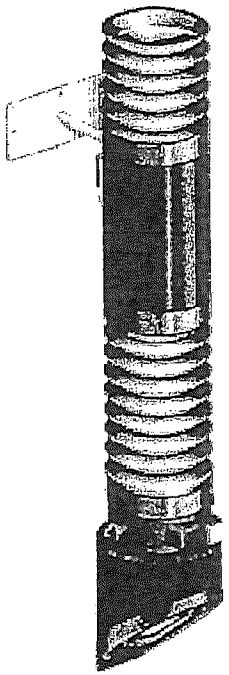
Cleveland, OH 44117

LTA 2.0 4.5ft Extraction Arm Specification



LTA 2.0

Description: The latest addition to Lincoln's Low Vacuum extraction arm product line has proven itself as the new benchmark for welding booth-type facility layouts. It's 3.0 - 4.5 ft. reach is just the right length for the majority of welding booth and station applications as well. Lincoln's LTA 2.0 friction block positioning system offers the finest ease of positioning available. Our unique design not only moves easily, ensuring operator compliance, but remains in place once positioned. The rugged dent-resistant plastic construction provides both light weight and durability. Equipped with a standard 360° rotating hood and airflow throttle valve, operators find its features second to none. Combine the LTA 2.0 arm with either a Statiflex, or central extraction system.

TECHNICAL SPECIFICATIONS LTA 2.0	
Lincoln Part Number	K1655-3
Arm Length (including hood)	4.5 ft (1.37 m)
Nominal Diameter	7.87" (200mm)
Recommended Capacity	450 CFM - 940 CFM (765 m^3/h - 1600 m^3/h)
Weight (unlevered)	33 lbs (14.97 kg)
AMBIENT CONDITIONS	
Minimum Temperature	41°F (5°C)
Maximum Temperature	113°F (45°C)
Maximum Rel. Humidity	80%

Dimensions

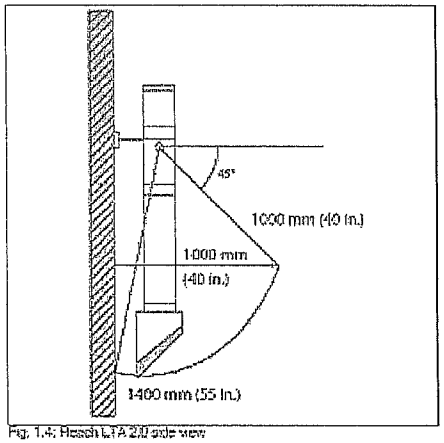


Fig. 1.4: Reach LTA 2.0 side view

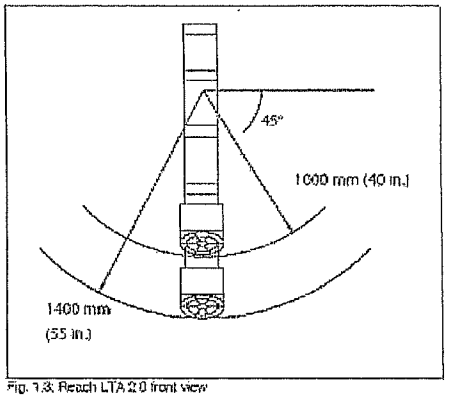
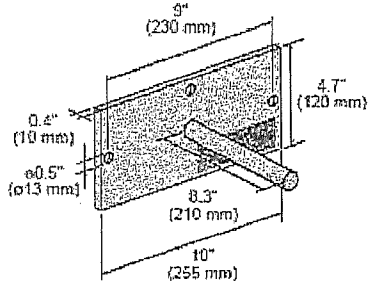


Fig. 1.3: Reach LTA 2.0 front view

Mounting Bracket Dimensions



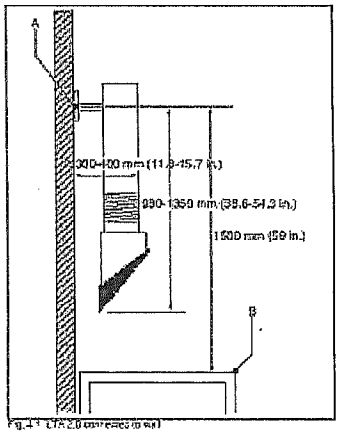
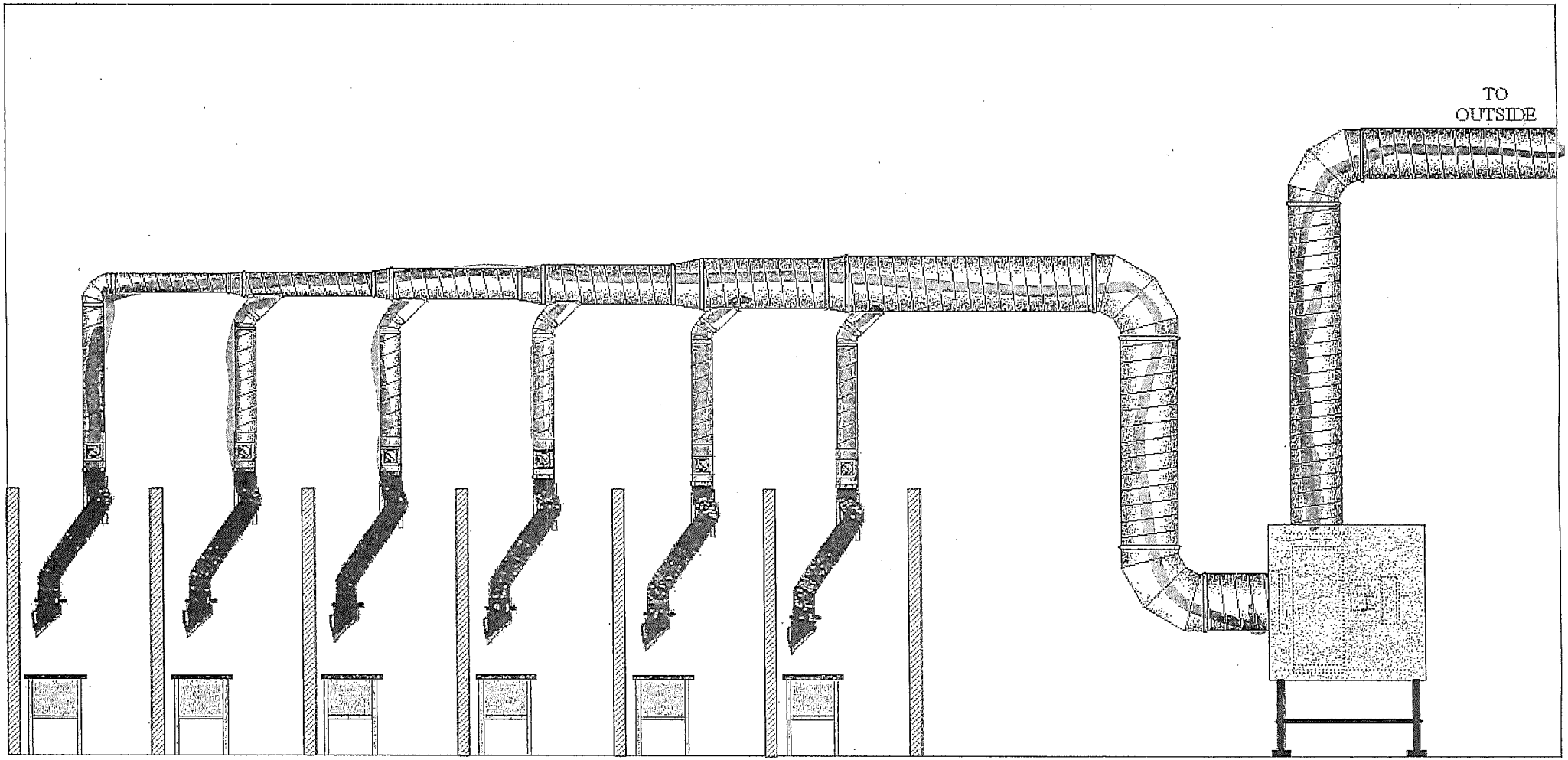


Fig. 1.1: LTA 2.0 connected to wall



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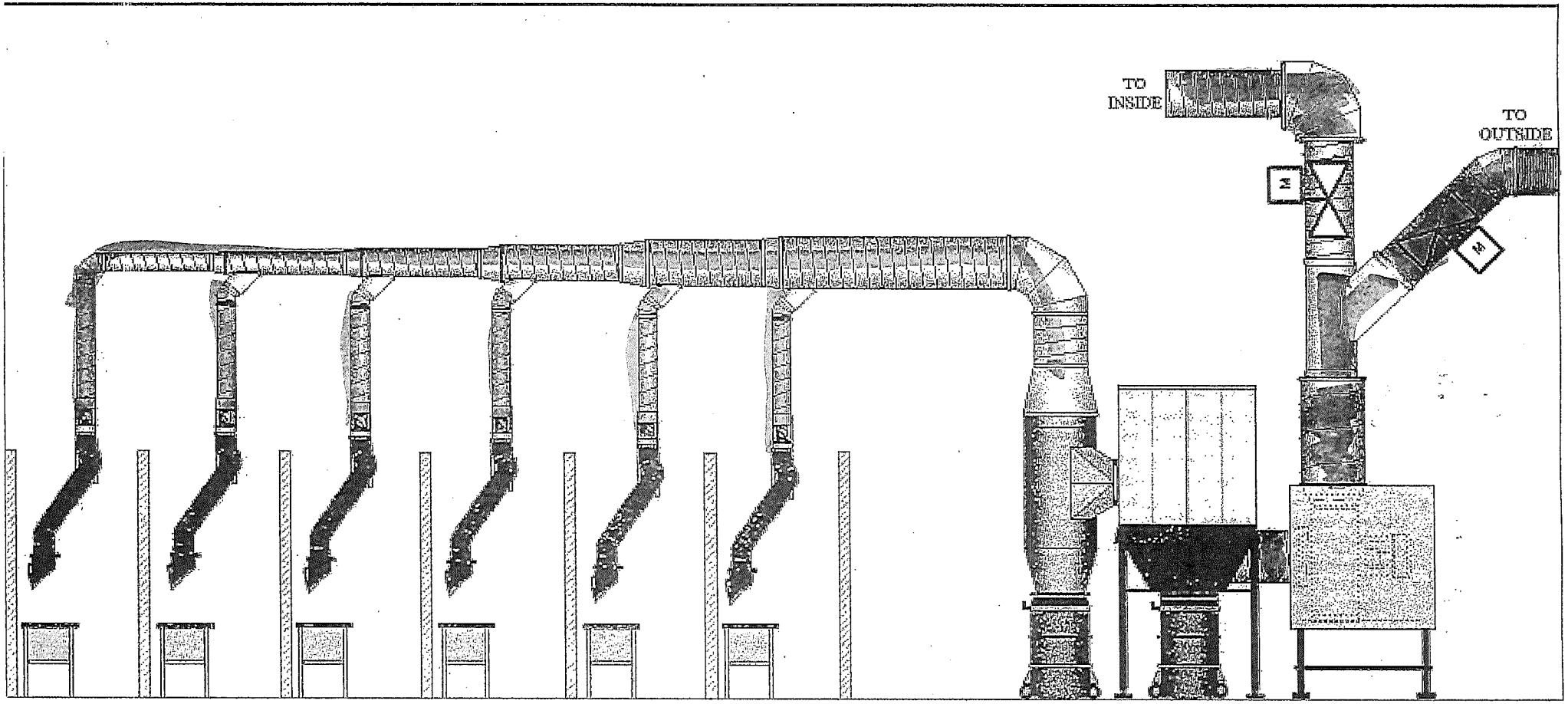

TO
INSIDE
TO
OUTSIDE

Natural Gas Usage July 2008 to June 2009

School	Sq. Ft.	Company	Jul-08		Aug-08		Sep-08		Oct-08		Nov-08		Dec-08	
			Units(mcf)	Total Cost $	Units(mcf)	Total Cost $	Units(mcf)	Total Cost $	Units(mcf)	Total Cost $	Units(mcf)	Total Cost $	Units(mcf)	Total Cost $
AVES	48,966	National Fuel (mcf)		$ -	14	$ 79.68	16	$ 140.30	140	$ 367.19	264	$ 567.12	395	$ 780.01
		National Fuel Res. (mcf)	13	$ 170.60	15	$ 152.53	17	$ 160.51	150	$ 1,261.37	287	$ 2,652.75	428	$ 4,255.96
		Total Montly Gas		**$ 170.60**		**$ 232.21**		**$ 300.81**		**$ 1,628.56**		**$ 3,219.87**		**$ 5,035.97**
BWMS	142,333	Columbia Gas (mcf)	41	$ 154.68	39	$ 142.86	57	$ 172.01	172	$ 296.56	569	$ 786.26	1,021	$ 1,386.66
		National Fuel Res. (mcf)	-	$ 106.61	-	$ 0.82	1	$ 1.14	-	$ 3.44			1,626	$ 15,856.91
		Total Montly Gas		**$ 261.29**		**$ 143.68**		**$ 173.15**		**$ 300.00**		**$ 786.26**		**$ 17,243.57**
EMHS	121,406	National Fuel (mcf)	65	$ 232.33	84	$ 253.07	115	$ 309.14	739	$ 1,387.82	1,417	$ 2,531.40	1,982	$ 3,483.62
		National Fuel Res. (mcf)	70	$ 1,010.36	90	$ 915.15	124	$ 1,035.92	796	$ 6,657.94	1,541	$ 14,240.99	2,150	$ 21,353.26
		Total Montly Gas		**$ 1,242.69**		**$ 1,168.22**		**$ 1,345.06**		**$ 8,045.76**		**$ 16,772.39**		**$ 24,836.88**
RES	47,590	National Fuel (mcf)	18	$ 154.56	15	$ 154.26	19	$ 145.40	84	$ 271.85	204	$ 464.90	273	$ 572.11
		National Fuel Res. (mcf)	19	$ 290.54	16	$ 163.64	20	$ 191.13	90	$ 756.49	222	$ 2,050.53	296	$ 2,941.24
		Total Montly Gas		**$ 445.10**		**$ 317.90**		**$ 336.53**		**$ 1,028.34**		**$ 2,515.43**		**$ 3,513.35**
SAMHS	102,230	National Fuel (mcf)	18	$ 154.56	19	$ 161.15	37	$ 187.70	223	$ 335.85	489	$ 950.51	737	$ 1,362.56
		National Fuel Res. (mcf)	19	$ 244.83	20	$ 207.07	40	$ 445.04	240	$ 2,009.50	532	$ 4,914.79	799	$ 7,939.95
		Total Montly Gas		**$ 399.39**		**$ 368.22**		**$ 632.74**		**$ 2,345.35**		**$ 5,865.30**		**$ 9,302.51**
SES	26,994	National Fuel (mcf)	8	$ 133.88	13	$ 142.45	14	$ 143.98	85	$ 264.91	186	$ 437.28	246	$ 539.50
		National Fuel Res. (mcf)	8	$ 144.08	13	$ 137.30	14	$ 135.46	91	$ 761.50	202	$ 1,865.79	266	$ 2,647.31
		Total Montly Gas		**$ 277.96**		**$ 279.75**		**$ 279.44**		**$ 1,026.41**		**$ 2,303.07**		**$ 3,186.81**
SSELC	33,460	National Fuel (mcf)	8	$ 138.02	6	$ 138.85	12	$ 133.45	71	$ 249.55	165	$ 398.58	222	$ 485.27
		National Fuel Res. (mcf)	8	$ 117.19	6	$ 65.66	13	$ 120.61	76	$ 639.46	179	$ 1,657.97	240	$ 2,392.11
		Total Montly Gas		**$ 255.21**		**$ 204.51**		**$ 254.06**		**$ 889.01**		**$ 2,056.55**		**$ 2,877.38**
SGES	31,178	National Fuel (mcf)	6	$ 134.27	6	$ 138.85	17	$ 141.89	150	$ 383.68	339	$ 694.97	446	$ 866.85
		National Fuel Res. (mcf)	6	$ 86.52	6	$ 65.66	18	$ 169.79	161	$ 1,349.14	368	$ 3,406.46	483	$ 4,805.08
		Total Montly Gas		**$ 220.79**		**$ 204.51**		**$ 311.68**		**$ 1,732.82**		**$ 4,101.43**		**$ 5,671.93**
WAEC	105,505	National Fuel (mcf)	15	$ 54.05	17	$ 56.44	38	$ 106.61	123	$ 238.76	306	$ 543.79	448	$ 780.98
		National Fuel Res. (mcf)	17	$ 108.69	18	$ 183.07	26	$ 249.84	134	$ 1,121.96	346	$ 3,203.73	481	$ 4,778.42
		Total Montly Gas		**$ 162.74**		**$ 239.51**		**$ 356.45**		**$ 1,360.72**		**$ 3,747.52**		**$ 5,559.40**
WAHS	146,253	National Fuel (mcf)	28	$ 99.08	34	$ 115.33	51	$ 141.10	310	$ 596.90	661	$ 1,191.15	985	$ 1,747.90
		National Fuel Res. (mcf)	29	$ 199.26	37	$ 374.10	68	$ 624.60	336	$ 2,804.91	867	$ 8,009.33	1,076	$ 10,694.55
		Total Montly Gas		**$ 298.34**		**$ 489.43**		**$ 765.70**		**$ 3,401.81**		**$ 9,200.48**		**$ 12,442.45**
WCCC	57,101	National Fuel (mcf)	20	$ 72.06	22	$ 73.62	24	$ 65.85	133	$ 249.62	482	$ 854.52	679	$ 1,190.06
		National Fuel Res. (mcf)	22	$ 144.92	23	$ 238.79	28	$ 261.19	140	$ 1,172.96	363	$ 3,349.36	734	$ 7,281.40
		Total Montly Gas		**$ 216.98**		**$ 312.41**		**$ 327.04**		**$ 1,422.58**		**$ 4,203.88**		**$ 8,471.46**
YEMS	100,465	National Fuel (mcf)	8	$ 138.02	10	$ 145.74	35	$ 172.79	186	$ 445.48	336	$ 689.85	462	$ 894.14
		National Fuel Res. (mcf)	8	$ 135.57	10	$ 109.09	37	$ 351.64	200	$ 1,675.98	365	$ 3,376.90	501	$ 4,977.86
		Total Montly Gas		**$ 273.59**		**$ 254.83**		**$ 524.43**		**$ 2,121.46**		**$ 4,066.75**		**$ 5,872.00**
YHS	104,955	National Fuel (mcf)	49	$ 205.73	53	$ 218.98	68	$ 229.01	170	$ 418.30	459	$ 899.41	612	$ 1,149.68
		National Fuel Res. (mcf)	53	$ 717.53	57	$ 577.78	73	$ 682.86	183	$ 1,531.37	499	$ 4,612.76	813	$ 8,079.96
		Total Montly Gas		**$ 923.26**		**$ 796.76**		**$ 911.87**		**$ 1,949.67**		**$ 5,512.17**		**$ 9,229.64**

Monthly Totals:

National Fuel / Columbia	284	$ 1,671.24	332	$ 1,821.28	503	$ 2,089.23	2,586	$ 5,506.47	5,877	$ 11,009.74	8,508	$ 15,239.34
National Fuel Res.(mcf)	272	$ 3,476.70	311	$ 3,190.66	479	$ 4,429.73	2,597	$ 21,746.02	5,771	$ 53,341.36	9,893	$ 98,004.01
Totals	**556**	**$ 5,147.94**	**643**	**$ 5,011.94**	**982**	**$ 6,518.96**	**5,183**	**$ 27,252.49**	**11,648**	**$ 64,351.10**	**18,401**	**$ 113,243.35**

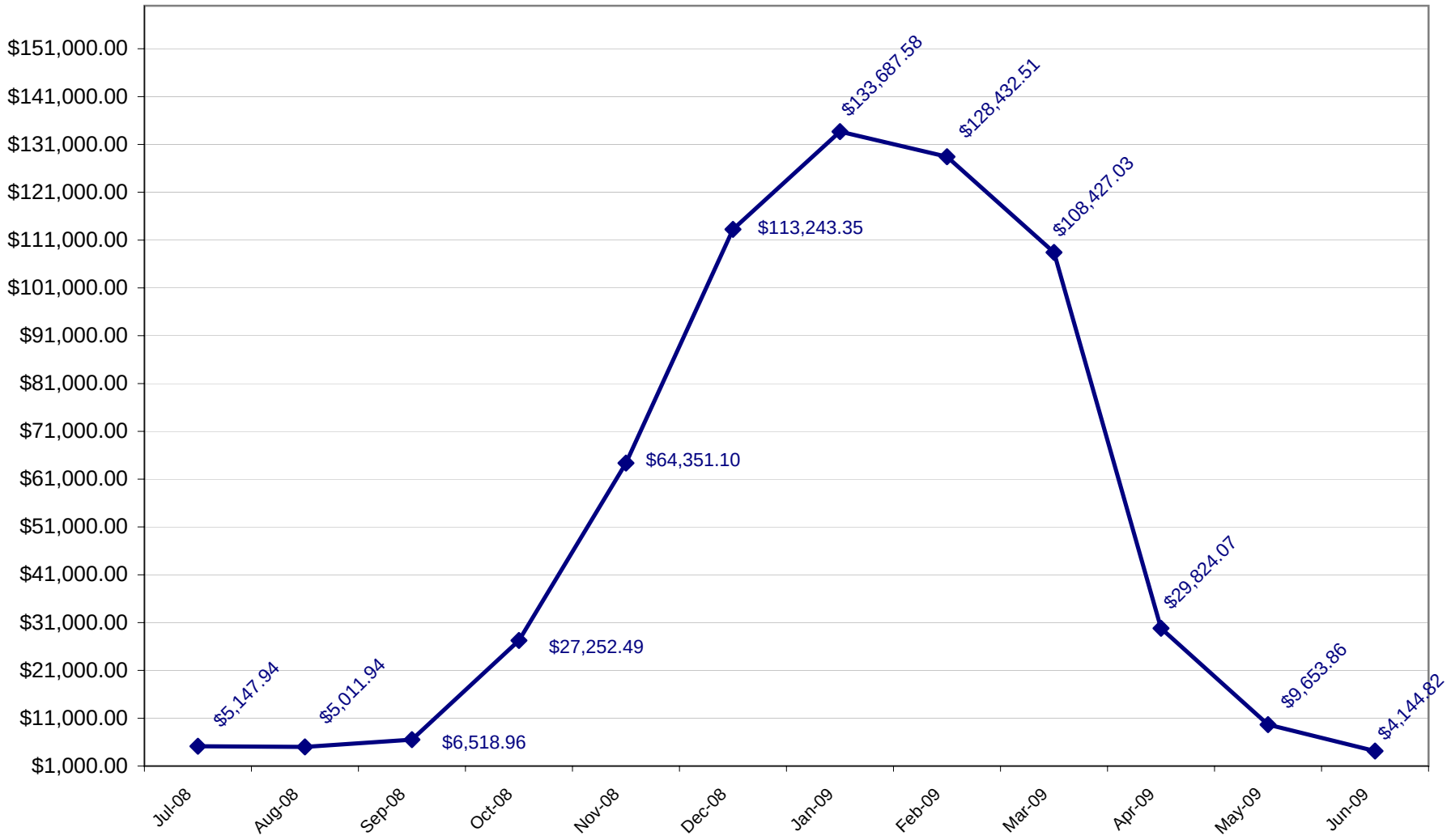
Natural Gas Usage July 2008 to June 2009

School	Company	Jan-09		Feb-09		Mar-09		Apr-09		May-09		Jun-09		Total Yearly Cost	Cost per sq. ft.
		Units(mcf)	Total Cost $	Units(mcf)	Total Cost $	Units(mcf)	Total Cost $	Units(mcf)	Total Cost $	Units(mcf)	Total Cost $	Units(mcf)	Total Cost $		
AVES	National Fuel (mcf)	515	$ 998.28	388	$ 777.25	311	$ 658.39	187	$ 439.50	46	$ 195.78	6	$ 134.84		
	National Fuel Res. (mcf)	559	$ 5,064.16	421	$ 4,759.59	334	$ 4,462.99	201	$ 911.58	49	$ 229.51	6	$ 28.74		
	Total Montly Gas		**$ 6,062.44**		**$ 5,536.84**		**$ 5,121.38**		**$ 1,351.08**		**$ 425.29**		**$ 163.58**	**$ 29,248.63**	**$ 0.60**
BWMS	Columbia Gas (mcf)	1,310	$ 1,752.52	1,752	$ 2,302.29			846	$ 1,171.25	273	$ 450.94	59	$ 179.68		
	National Fuel Res. (mcf)	1,677	$ 19,883.69	1,960	$ 19,238.58	1,395	$ 16,370.35	1,026	$ 4,632.39	351	$ 1,481.63	150	$ 663.30		
	Total Montly Gas		**$ 21,636.21**		**$ 21,540.87**				**$ 5,803.64**		**$ 1,932.57**		**$ 842.98**	**$ 70,664.22**	**$ 0.50**
EMHS	National Fuel (mcf)	2,390	$ 4,192.54	1,790	$ 3,165.73	1,445	$ 2,590.36	846	$ 1,562.18	194	$ 447.82	59	$ 225.10		
	National Fuel Res. (mcf)	3,156	$ 22,873.66	1,945	$ 20,802.48	1,556	$ 18,210.17	913	$ 4,124.90	209	$ 956.36	63	$ 280.80		
	Total Montly Gas		**$ 27,066.20**		**$ 23,968.21**		**$ 20,800.53**		**$ 5,687.08**		**$ 1,404.18**		**$ 505.90**	**$ 132,843.10**	**$ 1.09**
RES	National Fuel (mcf)	367	$ 746.15	276	$ 586.41	239	$ 535.87	162	$ 396.91	93	$ 275.83	30	$ 175.76		
	National Fuel Res. (mcf)	398	$ 3,730.57	300	$ 3,564.97	257	$ 3,259.42	174	$ 789.67	100	$ 420.28	32	$ 142.83		
	Total Montly Gas		**$ 4,476.72**		**$ 4,151.38**		**$ 3,795.29**		**$ 1,186.58**		**$ 696.11**		**$ 318.59**	**$ 22,781.32**	**$ 0.48**
SAMHS	National Fuel (mcf)	1,052	$ 1,913.12	795	$ 1,470.64	579	$ 1,115.11	315	$ 657.56	91	$ 272.35	32	$ 179.10		
	National Fuel Res. (mcf)	1,143	$ 10,680.18	864	$ 10,934.71	623	$ 9,247.43	340	$ 1,536.00	98	$ 439.98	34	$ 152.12		
	Total Montly Gas		**$ 12,593.30**		**$ 12,405.35**		**$ 10,362.54**		**$ 2,193.56**		**$ 712.33**		**$ 331.22**	**$ 57,511.81**	**$ 0.56**
SES	National Fuel (mcf)		$ 792.48	283	$ 603.22	191	$ 447.17	121	$ 326.89	39	$ 188.03	15	$ 148.00		
	National Fuel Res. (mcf)	428	$ 3,777.14	307	$ 3,319.79	206	$ 2,556.71	130	$ 589.66	42	$ 188.12	17	$ 75.62		
	Total Montly Gas		**$ 4,569.62**		**$ 3,923.01**		**$ 3,003.88**		**$ 916.55**		**$ 376.15**		**$ 223.62**	**$ 20,366.27**	**$ 0.75**
SSELC	National Fuel (mcf)	275	$ 589.42	228	$ 504.67	172	$ 421.70	960	$ 284.47	41	$ 187.18	4	$ 131.50		
	National Fuel Res. (mcf)	299	$ 2,828.53	247	$ 2,873.85	185	$ 2,431.55	103	$ 468.21	44	$ 178.18	4	$ 19.01		
	Total Montly Gas		**$ 3,417.95**		**$ 3,378.52**		**$ 2,853.25**		**$ 752.68**		**$ 365.36**		**$ 150.51**	**$ 17,454.99**	**$ 0.52**
SGES	National Fuel (mcf)	533	$ 1,029.29	404	$ 804.93	327	$ 686.30	199	$ 460.29	76	$ 247.55	13	$ 147.48		
	National Fuel Res. (mcf)	578	$ 5,191.59	439	$ 4,917.16	352	$ 4,266.04	215	$ 971.18	82	$ 355.00	14	$ 63.68		
	Total Montly Gas		**$ 6,220.88**		**$ 5,722.09**		**$ 4,952.34**		**$ 1,431.47**		**$ 602.55**		**$ 211.16**	**$ 31,383.65**	**$ 1.01**
WAEC	National Fuel (mcf)	576	$ 1,014.59	434	$ 740.04	339	$ 596.60	183	$ 327.89	82	$ 178.78	23	$ 71.75		
	National Fuel Res. (mcf)	656	$ 5,902.59	457	$ 5,760.95	361	$ 4,862.93	325	$ 1,469.80	89	$ 386.67	25	$ 109.13		
	Total Montly Gas		**$ 6,917.18**		**$ 6,500.99**		**$ 5,459.53**		**$ 1,797.69**		**$ 565.45**		**$ 180.88**	**$ 32,848.06**	**$ 0.31**
WAHS	National Fuel (mcf)	1,308	$ 2,270.76	1,044	$ 1,850.10	772	$ 1,372.17	424	$ 776.57	140	$ 301.69	40	$ 124.88		
	National Fuel Res. (mcf)	1,468	$ 13,210.58	1,141	$ 14,402.38	815	$ 10,941.60	550	$ 2,480.27	149	$ 652.51	43	$ 189.96		
	Total Montly Gas		**$ 15,481.34**		**$ 16,252.48**		**$ 12,313.77**		**$ 3,256.84**		**$ 954.20**		**$ 314.84**	**$ 75,171.68**	**$ 0.51**
WCCC	National Fuel (mcf)	881	$ 1,546.05	623	$ 1,110.06	569	$ 1,014.21	335	$ 621.26	35	$ 78.22	22	$ 69.08		
	National Fuel Res. (mcf)	1,001	$ 8,994.44	685	$ 8,614.42	633	$ 8,510.13	142	$ 643.04	39	$ 169.17	23	$ 105.08		
	Total Montly Gas		**$ 10,540.49**		**$ 9,724.48**		**$ 9,524.34**		**$ 1,264.30**		**$ 247.39**		**$ 174.16**	**$ 46,429.51**	**$ 0.81**
YEMS	National Fuel (mcf)	602	$ 1,146.50	462	$ 903.38	377	$ 770.94	228	$ 509.34	92	$ 274.17	16	$ 151.87		
	National Fuel Res. (mcf)	654	$ 5,299.73	502	$ 4,202.01	406	$ 3,374.43	246	$ 1,111.59	99	$ 399.32	17	$ 76.06		
	Total Montly Gas		**$ 6,446.23**		**$ 5,105.39**		**$ 4,145.37**		**$ 1,620.93**		**$ 673.49**		**$ 227.93**	**$ 31,332.40**	**$ 0.31**
YHS	National Fuel (mcf)	770	$ 1,432.71	651	$ 1,225.26	673	$ 1,275.14	371	$ 752.96	91	$ 272.35	58	$ 223.52		
	National Fuel Res. (mcf)	837	$ 6,826.31	707	$ 8,997.64	724	$ 8,449.32	100	$ 1,808.71	98	$ 426.44	62	$ 275.93		
	Total Montly Gas		**$ 8,259.02**		**$ 10,222.90**		**$ 9,724.46**		**$ 2,561.67**		**$ 698.79**		**$ 499.45**	**$ 51,289.66**	**$ 0.49**

Monthly Totals:

National Fuel / Columbia	10,579	$ 19,424.41	9,130	$ 16,043.98	5,994	$ 11,483.96	5,177	$ 8,287.07	1,293	$ 3,370.69	377	$ 1,962.56	**Total Cost: All Schools**
National Fuel Res.(mcf)	12,854	$ 114,263.17	9,975	$ 112,388.53	7,847	$ 96,943.07	4,465	$ 21,537.00	1,449	$ 6,283.17	490	$ 2,182.26	
Totals	**23,433**	**$ 133,687.58**	**19,105**	**$ 128,432.51**	**13,841**	**$ 108,427.03**	**9,642**	**$ 29,824.07**	**2,742**	**$ 9,653.86**	**867**	**$ 4,144.82**	**$635,695.65**

District Wide - Monthly Gas Usage



Penelec Usage Report July 2008 to June 2009

School	sq. ft.	Jul-08		Aug-08		Sep-08		Oct-08		Nov-08		Dec-08	
		Units(kwh)	Total Cost $	Units(kwh)	Total Cost $	Units(kwh)	Total Cost $	Units(kwh)	Total Cost $	Units(kwh)	Total Cost $	Units(kwh)	Total Cost $
AVES	**48,966**	33,280	$ 2,501.50	34,240	$ 2,702.46	46,080	$ 3,641.09	49,280	$ 3,849.81	49,120	$ 3,844.42	52,000	$ 4,052.23
BWMS	**142,333**	21,840	$ 1,802.74	42,160	$ 3,727.75	63,120	$ 5,073.76	65,360	$ 5,275.89	62,000	$ 5,107.76	53,920	$ 4,631.74
EMHS	**121,406**	27,440	$ 2,190.51	44,160	$ 4,200.21	63,440	$ 5,504.04	68,720	$ 5,931.76	64,560	$ 5,662.99	60,800	$ 5,411.74
RES	**47,590**	12,800	$ 1,077.83	15,280	$ 1,431.53	25,600	$ 2,266.34	26,720	$ 2,351.74	30,080	$ 2,548.42	27,680	$ 2,427.96
SAMHS	**102,230**	35,680	$ 2,848.89	36,640	$ 2,873.91	55,040	$ 4,806.33	78,960	$ 6,544.07	76,800	$ 6,336.12	67,120	$ 5,804.78
SES	**26,994**	5,280	$ 486.20	10,800	$ 1,126.19	13,680	$ 1,323.95	15,960	$ 1,507.86	16,080	$ 1,558.90	13,200	$ 1,261.82
SSELC	**33,460**	6,960	$ 578.00	5,600	$ 489.93	45,600	$ 1,394.21	20,560	$ 1,696.32	19,520	$ 1,644.85	17,920	$ 1,569.03
SGES	**31,178**	9,240	$ 925.37	6,840	$ 807.50	18,960	$ 1,610.35	19,800	$ 1,674.22	21,120	$ 1,776.72	18,600	$ 1,621.74
WAEC	**105,505**	38,600	$ 3,207.39	41,920	$ 3,724.21	63,200	$ 5,200.22	64,200	$ 5,241.67	67,360	$ 5,469.61	58,960	$ 4,915.65
WAHS/WCCC	**146,253**	67,724	$ 4,637.92	84,174	$ 6,685.58	138,911	$ 9,641.67	149,308	$ 10,182.35	160,703	$ 10,804.54	147,643	$ 10,392.63
WCTC	**57,101**	1,760	$ 282.65	2,080	$ 326.03	5,680	$ 610.85	6,080	$ 651.90	5,840	$ 605.04	4,640	$ 531.27
YEMS	**100,465**	33,960	$ 2,626.50	45,400	$ 3,825.76	54,560	$ 4,529.20	61,400	$ 5,023.78	57,960	$ 4,780.17	55,000	$ 4,614.75
YHS	**104,955**	33,120	$ 2,737.18	45,120	$ 3,853.53	57,720	$ 4,741.06	56,880	$ 4,717.60	65,520	$ 5,298.50	55,200	$ 4,705.87
Usage Totals:		**327,684**	**$ 25,902.68**	**414,414**	**$ 35,774.59**	**651,591**	**$ 50,343.07**	**683,228**	**$ 54,648.97**	**696,663**	**$ 55,438.04**	**632,683**	**$ 51,941.21**

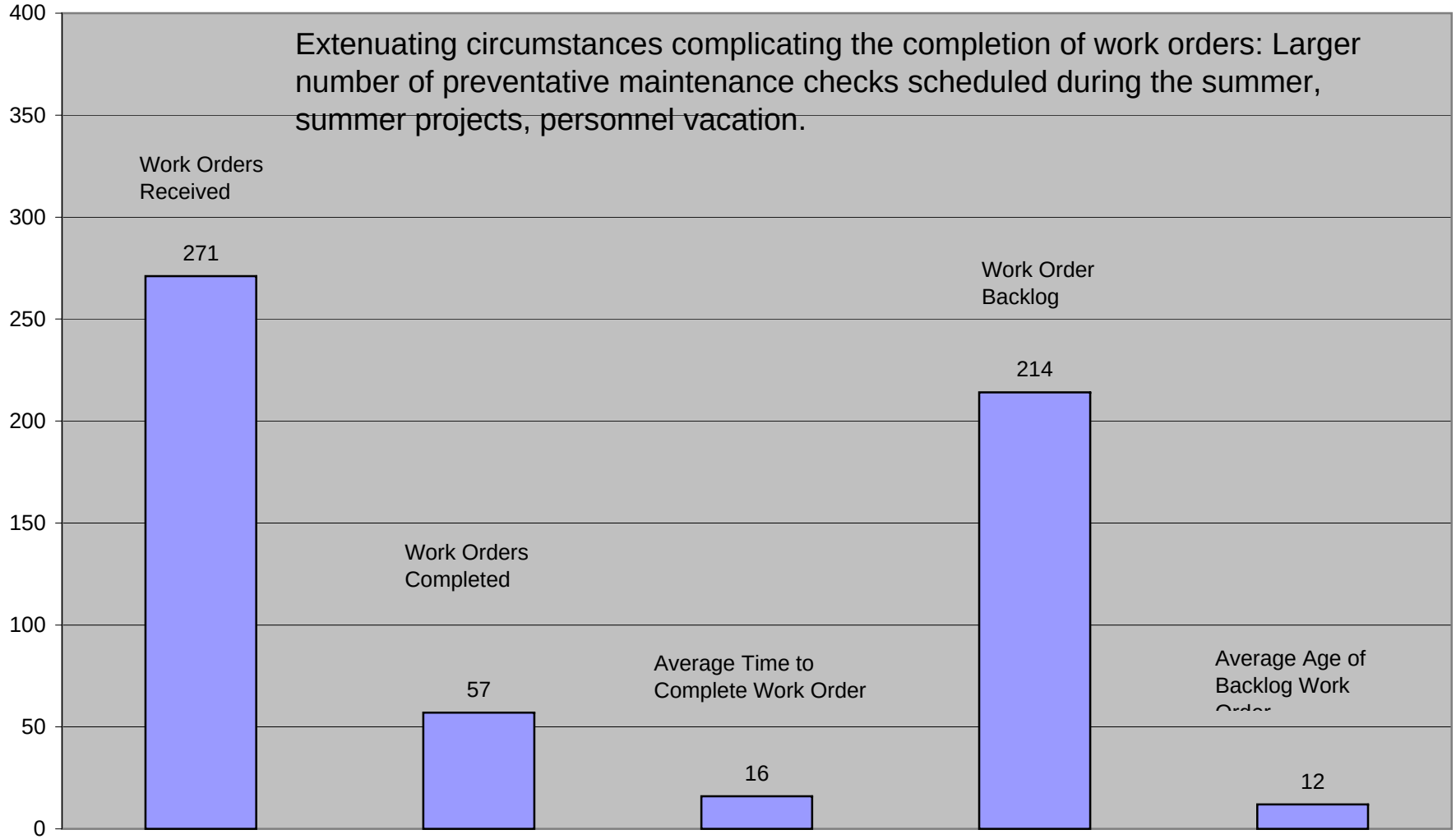
School	sq.ft	Jan-09		Feb-09		Mar-09		Apr-09		May-09		Jun-09	
		Units(kwh)	Total Cost $	Units(kwh)	Total Cost $	Units(kwh)	Total Cost $	Units(kwh)	Total Cost $	Units(kwh)	Total Cost $	Units(kwh)	Total Cost $
AVES	**48,966**	47,360	$ 3,734.39	52,640	$ 4,065.30	48,960	$ 3,811.83	48,320	$ 3,772.32	66,080	$ 5,243.35	*	*
BWMS	**142,333**	72,560	$ 5,815.00	65,600	$ 5,283.79	63,040	$ 5,150.06	70,240	$ 5,546.56	64,200	$ 5,625.60	*	*
EMHS	**121,406**	68,320	$ 6,015.41	76,640	$ 6,516.24	68,080	$ 5,847.90	69,840	$ 5,946.32	33,600	$ 2,989.08	82,560	$ 4,595.68
RES	**47,590**	25,680	$ 2,299.42	32,400	$ 2,719.96	30,960	$ 2,619.36	30,000	$ 2,608.65	26,800	$ 2,351.46	17,200	$ 1,708.67
SAMHS	**102,230**	83,600	$ 6,753.44	77,920	$ 6,255.11	74,720	$ 5,982.27	74,720	$ 6,033.60	47,600	$ 3,962.23	83,200	$ 6,945.05
SES	**26,994**	17,520	$ 1,652.59	15,600	$ 1,461.15	16,440	$ 1,550.38	15,720	$ 1,419.51	14,348	$ 1,302.63	7,690	$ 860.28
SSELC	**33,460**	21,200	$ 1,758.35	23,280	$ 1,885.62	20,240	$ 1,698.32	19,920	$ 1,660.82	15,040	$ 1,342.21	*	*
SGES	**31,178**	18,480	$ 1,601.52	21,360	$ 2,005.13	20,760	$ 1,742.46	20,040	$ 1,673.15	12,960	$ 1,108.81	12,360	$ 1,155.73
WAEC	**105,505**	64,360	$ 5,259.09	71,240	$ 5,991.44	65,840	$ 5,337.65	66,800	$ 5,497.26	58,720	$ 4,899.38	42,320	$ 3,706.27
WAHS/WCCC	**146,253**	155,407	$ 10,714.70	172,904	$ 11,429.41	157,382	$ 10,870.51	140,909	$ 10,002.66	139,456	$ 9,819.53	*	*
WCTC	**57,101**	6,480	$ 676.85	7,040	$ 684.72	6,400	$ 645.05	6,320	$ 641.62	5,120	$ 552.74	3,840	$ 430.57
YEMS	**100,465**	56,480	$ 4,723.25	64,560	$ 5,190.54	61,120	$ 4,791.69	58,280	$ 4,863.70	63,320	$ 5,489.26	*	*
YHS	**104,955**	64,320	$ 5,270.64	63,600	$ 4,955.10	66,120	$ 5,328.46	65,040	$ 5,318.65	38,400	$ 3,126.93	38,400	$ 3,126.93
Usage Totals:		**701,767**	**$ 56,274.65**	**744,784**	**$ 58,443.51**	**700,062**	**$ 55,375.94**	**686,149**	**$ 54,984.82**	**585,644**	**$ 47,813.21**	**287,570**	**$ 22,529.18**

12-month Totals		
Units(kwh)	Total Cost $	Per sq. ft.
533,760	$41,218.70	$ 0.84
592,080	$53,040.65	$ 0.37
721,795	$60,811.88	$ 0.50
306,528	$26,411.34	$ 0.55
764,288	$65,145.80	$ 0.64
129,960	$15,511.46	$ 0.57
165,321	$15,717.66	$ 0.47
203,040	$17,702.70	$ 0.57
681,372	$58,449.84	$ 0.55
1,217,912	$105,181.50	$ 0.72
54,800	$6,639.29	$ 0.12
603,080	$50,458.60	$ 0.50
641,141	$53,180.45	$ 0.51

Combined Yearly Usage	
6,615,077	**$569,469.87**

* Data not made available from Penelec for the month of June.

WCSD WORK ORDER REPORT JULY 2009



TOTAL WORK ORDERS COMPLETED FOR THE MONTH:
156(57 FROM JULY, 99 OTHER MONTHS)

WORK ORDER RECEIVED JUNE: 271

BACKLOG: 214

AVE:13
- PAINT:1
- PLUMBING:1
- CARPENTRY:3
- PM:7
- WINDOW:1

BWMS:33
- FLOOR:1
- BLEACHER:1
- LIGHTING:10
- CARPENTRY:3
- HVAC:3
- GROUNDS:2
- PM:5
- WINDOW:2
- PAINTING:1
- PLUMBING:4
- LOCK:1

CENTRAL OFFICE:4
- PAINT:1
- WINDOW:1
- LOCK:1
- BLINDS:1

EMHS:13
- GROUNDS:2
- PM:6
- CARPENTRY:4
- PAINT:1

LEC:2
- CARPENTRY:1
- PAINT:1

PLT:4
- PM:4

RSE:8
- PM:7
- CARPENTRY:1

SAMHS:33
- PM:5
- PLUMBING:3
- CARPENTRY:2
- GROUNDS:4
- PAINT:4
- ELECTRICAL:6
- HVAC:1
- WINDOW:2
- PA:2
- GYM EQUIP:1
- NETWORK:1
- PLASTER:1
- LIGHT:1

SES:5
- PM:5

SGE:9
- PM:7
- CARPENTRY:1
- PLUMBING:1

SSELC:6
- PM:5
- LIGHTING:1

WAEC:13
- PM:7
- DOOR:1
- PLUMBING:1
- CARPENTRY:4

WAHS:38

LIGHT:6
PM:12
ELECTRICAL:1
FLOOR:7
HVAC:3
WINDOW:1
GROUNDS:1
BLINDS:1
BLEACHER:1
DOOR:2
SIGNS:1
PLUMBING:1
NETWORK:1

WCCC:10
PM:6
PLUMBING:1
PAINT:1
ELECTRICAL:1
CARPENTRY:1

YEMS:16
PAINT:5
CARPENTRY:1
PM:5
PLUMBING:2
NETWORK:1
PHONE:1
LIGHT:1

YHS:7
DOOR:1
PM:5
PLUMBING:1

WARREN COUNTY SCHOOL DISTRICT

Capital Reserve Account Activity

		Balances		Deposits (+)		Checks (-)		Running
Date	Description	Tech	B&G	Tech	B&G	Tech	B&G	Balance
04/01/08	TranSystems	$841,107.76	$2,470,713.87				$2,520.00	$3,309,301.63
04/01/08	H.F. Lenz Company	$841,107.76	$2,468,193.87				$500.00	$3,308,801.63
04/01/08	DeJong	$841,107.76	$2,467,693.87				$7,121.20	$3,301,680.43
04/16/08	Rabe Environmental Sys (0705)	$841,107.76	$2,460,572.67				$4,945.00	$3,296,735.43
04/16/08	Rabe Environmental Sys (0705)	$841,107.76	$2,455,627.67				$8,665.00	$3,288,070.43
04/22/08	Deposit-Expenses to PDE Tech Gran	$841,107.76	$2,446,962.67	$15,410.00				$3,303,480.43
04/22/08	Deposit-Verizon eRate	$856,517.76	$2,446,962.67	$21,256.08				$3,324,736.51
04/22/08	Deposit-Bid Documents	$877,773.84	$2,446,962.67		$1,400.00			$3,326,136.51
04/25/08	Specialized Flashings	$877,773.84	$2,448,362.67				$1,800.00	$3,324,336.51
04/25/08	Indoor Air Technologies, Inc.	$877,773.84	$2,446,562.67				$622.65	$3,323,713.86
04/30/08	April Dividends	$877,773.84	$2,445,940.02	$2,717.12	$2,717.12			$3,329,148.09
05/06/08	Segel & Son Scrap Metal	$880,490.96	$2,448,657.14		$3,034.25			$3,332,182.34
05/06/08	Russell Standard	$880,490.96	$2,451,691.39				$23,519.00	$3,308,663.34
05/14/08	Verizon-Erate	$880,490.96	$2,428,172.39	$7,274.66				$3,315,938.00
05/14/08	Segel & Son Scrap Metal	$887,765.62	$2,428,172.39		$57.00			$3,315,995.00
05/14/08	Deposit-Bid Documents	$887,765.62	$2,428,229.39		$450.00			$3,316,445.00
05/27/08	TranSystems	$887,765.62	$2,428,679.39				$700.00	$3,315,745.00
05/27/08	DeJong	$887,765.62	$2,427,979.39				$6,489.26	$3,309,255.74
05/31/08	May Dividends	$887,765.62	$2,421,490.13	$2,492.87	$2,492.87			$3,314,241.47
06/05/08	MDIA	$890,258.48	$2,423,982.99				$2,144.00	$3,312,097.47
06/17/08	Segel & Son Scrap Metal	$890,258.48	$2,421,838.99		$230.75			$3,312,328.22
06/23/08	Segel & Son Scrap Metal	$890,258.48	$2,422,069.74		$667.15			$3,312,995.37
06/25/08	Segel & Son Scrap Metal	$890,258.48	$2,422,736.89		$935.80			$3,313,931.17
06/30/08	Segel & Son Scrap Metal	$890,258.48	$2,423,672.69		$87.60			$3,314,018.77
06/30/08	June Dividends	$890,258.48	$2,423,760.29	$2,320.55	$2,320.55			$3,318,659.87
07/17/08	Seo Kwang Korean Presby.-Furniture	$892,579.03	$2,426,080.84		$5,150.00			$3,323,809.87
07/17/08	Segel & Son Scrap Metal	$892,579.03	$2,431,230.84		$175.75			$3,323,985.62
07/21/08	Rabe Environmental Systems	$892,579.03	$2,431,406.59				$3,762.00	$3,320,223.62
07/21/08	Seo Kwang Korean Presby.-Furniture	$892,579.03	$2,427,644.59				$300.00	$3,319,923.62
07/29/08	Perry Construction Group, Inc.	$892,579.03	$2,427,344.59				$2,056.00	$3,317,867.62
07/31/08	July Dividends	$892,579.03	$2,425,288.59	$2,435.74	$2,435.74			$3,322,739.09
08/13/08	Fiske & Sons, Inc.	$895,014.77	$2,427,724.33				$28,799.10	$3,293,939.99
08/13/08	A.W. Farrell & Son, Inc.	$895,014.77	$2,398,925.23				$697,941.00	$2,595,998.99
08/13/08	Keystone Electric	$895,014.77	$1,700,984.23				$180.00	$2,595,818.99
08/13/08	DeJong	$895,014.77	$1,700,804.23				$26,914.62	$2,568,904.37
08/22/08	USAC-Erate	$895,014.77	$1,673,889.61	$87,378.64				$2,656,283.01
08/27/08	Perry Construction Group, Inc.	$982,393.41	$1,673,889.61				$88,978.00	$2,567,305.01
08/27/08	Fiske & Sons, Inc.	$982,393.41	$1,584,911.61				$16,556.94	$2,550,748.07
08/27/08	DeJong	$982,393.41	$1,568,354.67				$12,000.00	$2,538,748.07
08/27/08	Rabe Environmental Services	$982,393.41	$1,556,354.67				$16,195.50	$2,522,552.57
08/30/08	August Dividends	$982,393.41	$1,540,159.17	$2,192.50	$2,192.50			$2,526,937.57
09/04/08	Segel & Son Scrap Metal	$984,585.91	$1,542,351.67		$117.80			$2,527,055.37
09/15/08	Deposit-Settlement/Bid Docs.	$984,585.91	$1,542,469.47		$1,366.38			$2,528,421.75
09/05/08	Keystone Electric	$984,585.91	$1,543,835.85				$2,802.60	$2,525,619.15
09/10/08	A.W. Farrell & Son, Inc.	$984,585.91	$1,541,033.25				$154,683.00	$2,370,936.15
09/12/08	Keith White Excavating	$984,585.91	$1,386,350.25				$7,700.00	$2,363,236.15
09/24/08	Rabe Environmental Services	$984,585.91	$1,378,650.25				$1,561.50	$2,361,674.65
09/22/08	H.F. Lenz Company	$984,585.91	$1,377,088.75				$475.00	$2,361,199.65
09/22/08	DeJong	$984,585.91	$1,376,613.75				$13,339.52	$2,347,860.13
09/30/08	September Dividends	$984,585.91	$1,363,274.23	$1,737.50	$1,737.56			$2,351,335.19
10/15/08	Rabe Environmental Systems	$986,323.41	$1,365,011.79				$7,645.50	$2,343,689.69
10/15/08	Fiske & Sons, Inc.	$986,323.41	$1,357,366.29				$16,653.96	$2,327,035.73
10/15/08	Keystone Electric	$986,323.41	$1,340,712.33				$5,339.70	$2,321,696.03
10/15/08	Fiske & Sons, Inc.	$986,323.41	$1,335,372.63				$20,475.00	$2,301,221.03
10/17/08	Bruce & Merrilees Electric Co.	$986,323.41	$1,314,897.63				$30,046.00	$2,271,175.03
10/20/08	Segel & Son Scrap Metal	$986,323.41	$1,284,851.63		$23.50			$2,271,198.53
10/20/08	Bid Fees	$986,323.41	$1,284,875.13		$100.00			$2,271,298.53
10/29/08	DeJong	$986,323.41	$1,284,975.13				$13,938.68	$2,257,359.85
10/31/08	October Dividends	$986,323.41	$1,271,036.45	$1,442.53	$1,442.53			$2,260,244.90
11/10/08	A.W. Farrell & Son, Inc.	$987,765.93	$1,272,478.97				$18,180.00	$2,242,064.90
11/10/08	Fiske & Sons, Inc.	$987,765.93	$1,254,298.97				$3,564.00	$2,238,500.90
11/10/08	Fiske & Sons, Inc.	$987,765.93	$1,250,734.97				$9,561.00	$2,228,939.90
11/25/08	Deposit-Erate	$987,765.93	$1,241,173.97	$131,067.96				$2,360,007.86
11/25/08	DeJong	$1,118,833.89	$1,241,173.97				$1,037.45	$2,358,970.41

WARREN COUNTY SCHOOL DISTRICT

Capital Reserve Account Activity

		Balances		Deposits (+)		Checks (-)		Running
Date	Description	Tech	B&G	Tech	B&G	Tech	B&G	Balance
11/30/08	November Dividends	$1,118,833.89	$1,240,136.52	$1,194.55	$1,194.55			$2,361,359.51
12/10/08	HRLC Architects	$1,120,028.44	$1,241,331.07				$13,300.00	$2,348,059.51
12/10/08	HRLC Architects	$1,120,028.44	$1,228,031.07				$6,000.00	$2,342,059.51
12/10/08	HRLC Architects	$1,120,028.44	$1,222,031.07				$45,000.00	$2,297,059.51
12/10/08	Rabe Environmental Systems	$1,120,028.44	$1,177,031.07				$12,631.50	$2,284,428.01
12/23/08	Windstream Corp-Erate	$1,120,028.44	$1,164,399.57	$6,165.31				$2,290,593.32
12/23/08	Verizon-Erate	$1,126,193.75	$1,164,399.57	$47,730.35				$2,338,323.67
12/31/08	December Dividends	$1,173,924.10	$1,164,399.57	$5,813.06	$5,813.06			$2,349,949.79
01/12/09	DeJong	$1,179,737.16	$1,170,212.63				$7,500.00	$2,342,449.79
01/20/09	AT & T - E Rate	$1,179,737.16	$1,162,712.63	$6,693.18				$2,349,142.97
01/20/09	One Communications-Erate	$1,186,430.34	$1,162,712.63	$5,777.91				$2,354,920.88
01/30/09	January Dividends	$1,192,208.25	$1,162,712.63	$3,686.40	$3,686.40			$2,362,293.67
02/16/09	Keystone Electirc	$1,195,894.65	$1,166,399.03				$198.00	$2,362,095.67
02/25/09	DeJong	$1,195,894.65	$1,166,201.03				$3,561.63	$2,358,534.04
02/27/09	February Dividends	$1,195,894.65	$1,162,639.40	$319.13	$319.13			$2,359,172.30
03/06/09	Life Safety	$1,196,213.78	$1,162,958.53				$8,521.00	$2,350,651.30
03/16/09	Deposit-Sale of Equipment	$1,196,213.78	$1,154,437.53		$60.00			$2,350,711.30
03/16/09	Deposit-Segel & Son	$1,196,213.78	$1,154,497.53		$71.87			$2,350,783.17
03/16/09	Keystone Electric	$1,196,213.78	$1,154,569.40				$946.70	$2,349,836.47
03/16/09	WCSD Cafeteria Fund	$1,196,213.78	$1,153,622.70				$77.50	$2,349,758.97
03/20/09	Transfer from General Fund	$1,196,213.78	$1,153,545.20		$1,250,000.00			$3,599,758.97
03/31/09	March Dividends	$1,196,213.78	$2,403,545.20	$182.41	$182.40			$3,600,123.78
04/09/09	Deposit-Follett Ed. Serv.	$1,196,396.19	$2,403,727.60		$164.75			$3,600,288.53
04/09/09	Deposit-Budgetext Corp.	$1,196,396.19	$2,403,892.35		$713.30			$3,601,001.83
04/28/09	Life Safety	$1,196,396.19	$2,404,605.65				$16,757.00	$3,584,244.83
04/30/09	April Dividends	$1,196,396.19	$2,387,848.65	$179.56	$179.56			$3,584,603.95
05/08/09	A.W. Farrell & Son, Inc.	$1,196,575.75	$2,388,028.21				$98,306.40	$3,486,297.55
05/08/09	A.W. Farrell & Son, Inc.	$1,196,575.75	$2,289,721.81				$13,953.60	$3,472,343.95
05/29/09	May Dividends	$1,196,575.75	$2,275,768.21	$149.02	$149.03			$3,472,642.00
06/16/09	Warren Sports Boosters	$1,196,724.77	$2,275,917.24				$75,000.00	$3,397,642.00
06/16/09	H.F. Lenz Company	$1,196,724.77	$2,200,917.24				$7,000.00	$3,390,642.00
06/16/09	DeJong	$1,196,724.77	$2,193,917.24				$7,500.00	$3,383,142.00
06/16/09	Prints & More by Holly	$1,196,724.77	$2,186,417.24				$266.65	$3,382,875.35
06/22/09	Randy & Leslie Pierce	$1,196,724.77	$2,186,150.59				$500.00	$3,382,375.35
06/30/09	June Dividends	$1,196,724.77	$2,185,650.59	$42.07	$42.07			$3,382,459.49
07/20/09	Segel & Son Scrap Metal	$1,196,766.84	$2,185,692.66		$87.45			$3,382,546.94
07/29/09	Perry Construction Group, Inc.	$1,196,766.84	$2,185,780.11				$20,816.00	$3,361,730.94
07/31/09	DeJong	$1,196,766.84	$2,164,964.11				$8,141.47	$3,353,589.47
		$1,196,766.84	$2,156,822.64	$37.85	$37.85			
08/05/09	Bickmire Trucking Co	$1,196,804.69	$2,156,860.49				$415.00	$3,353,250.17
08/05/09	Prints & More by Holly	$1,196,804.69	$2,156,445.49				$1,035.50	$3,352,214.67
08/14/09	Rabe Environmental Systems	$1,196,804.69	$2,155,409.99				$10,604.00	$3,341,610.67
08/14/09	Keystone Electric	$1,196,804.69	$2,144,805.99				$48,416.40	$3,293,194.27
08/14/09	H.F. Lenz Company	$1,196,804.69	$2,096,389.59				$6,092.00	$3,287,102.27
08/14/09	DeJong	$1,196,804.69	$2,090,297.59				$7,500.00	$3,279,602.27
08/20/09	Segel & Son Scrap Metal	$1,196,804.69	$2,082,797.59		$106.70			$3,279,708.97
		$1,196,804.69	$2,082,904.29					$3,279,708.97
		$1,196,804.69	$2,082,904.29					$3,279,708.97
	ENCUMBERED	-	(1,394,355.99)			ENCUMBERED		(1,394,355.99)
	AVAILABLE	$1,196,804.69	$688,548.30			AVAILABLE		$1,885,352.98
PENDING BOARD BID APPROVAL		-	-			PENDING BOARD BID APPROVAL		-
PENDING BALANCE		$1,196,804.69	$688,548.30			PENDING BALANCE		$1,885,352.98

2004-2005	$601,292.44	$725,180.76	$22,635.49	$261,985.88
2005-2006	$180,854.65	$1,279,432.11	$42,696.50	$428,285.09
YTD 2006-2007	$292,086.89	$1,283,007.96	$508,762.10	$664,323.04
YTD 2007-2008	$435,395.45	$1,428,933.17	$34,200.56	$1,083,906.28
YTD 2008-2009	$304,187.81	$1,277,317.87	$0.00	$1,517,706.05
YTD 2009-2010	$0.00	$87.45	$0.00	$0.00

2006-2007 DEPOSITS	**$1,575,094.84**	**$1,173,085.14**	2006-2007 DISBURSEMENTS
2007-2008 DEPOSITS	$1,864,328.61	$1,118,106.84	2007-2008 DISBURSEMENTS
2008-2009 DEPOSITS	$1,581,505.67	$1,517,706.05	2008-2009 DISBURSEMENTS
2009-2010 DEPOSITS	$87.45	$0.00	2009-2010 DISBURSEMENTS