

SECTION 1



Buildings and Grounds

Strategic Planning Satisfaction Survey

Q1 I am satisfied with the condition of the buildings and their facilities.

Answered: 200 Skipped: 1



	Not Very Satisfied	Not Satisfied	Satisfied	Very Satisfied	Total	Average Rating
(no label)	3.50% 7	24.00% 48	57.00% 114	15.50% 31	200	2.85

Strategic Planning Satisfaction Survey

Q2 I am satisfied with classroom utilization (i.e., classroom space).

Answered: 200 Skipped: 1

(no label)



	Not Very Satisfied	Not Satisfied	Satisfied	Very Satisfied	Total	Average Rating
(no label)	1.50% 3	18.50% 37	64.50% 129	15.50% 31	200	2.94

Strategic Planning Satisfaction Survey

Q3 I am satisfied with the appearance/aesthetics of the school campuses (i.e., exterior of the schools).

Answered: 198 Skipped: 3

(no label)



0 1 2 3 4 5

	Not Very Satisfied	Not Satisfied	Satisfied	Very Satisfied	Total	Average Rating
(no label)	2.02% 4	10.61% 21	71.21% 141	16.16% 32	198	3.02

Strategic Planning Satisfaction Survey

Q4 Do you have any other comments, questions, or concerns with regard to the District's Buildings and Grounds?

Answers: 41 (Sorted: 13)

#	Responses	Date
1	Soap dispensers need to be filled regularly and some faucets are broken	12/1/2014 11:57 AM
2	none	12/1/2014 10:12 AM
3	after all building mechanicals are sound and functioning ! interior and exterior aesthetic improvements will improve the children's learning environment !	12/1/2014 9:21 AM
4	I believe spending money to make the campus look better is a bad utilization of funds. Funds should go towards a better education tools and technology upgrades.	12/1/2014 9:19 AM
5	I am very satisfied with security displayed behavior by the staff. Thank you.	12/1/2014 9:05 AM
6	Bathroom conditions. The smell was horrible the last time I used one.	12/1/2014 8:59 AM
7	The middle school has no air conditioning.	12/1/2014 7:08 AM
8	No	12/1/2014 6:55 AM
9	When will the Deer Proof plants be installed?	11/30/2014 11:03 PM
10	When will the Deer Proof plants be installed at WPS?	11/30/2014 11:03 PM
11	N/A	11/30/2014 9:22 PM
12	Air conditioning throughout the entire school would be a good and beneficial improvement.	11/30/2014 9:12 PM
13	but the bathrooms at WPS could use work	11/30/2014 9:00 PM
14	Air Conditioning in school buildings	11/30/2014 6:27 PM
15	Britten school needs a lot of attention.	11/30/2014 5:21 PM
16	All rooms should have air conditioning and heat. The Middle School gym needs to be updated.	11/30/2014 4:01 PM
17	The school needs central air.	11/30/2014 3:00 PM
18	The class sizes are too big..	11/30/2014 2:43 PM
19	None	11/30/2014 1:17 PM
20	The Westchester schools do not have AC installed, my children complain that they are uncomfortable in the classrooms. During the summer months, it will be nice if the school had AC.	11/30/2014 12:13 PM
21	N/a	11/30/2014 12:10 PM
22	No. The exteriors appear okay. It is the interiors that are outdated and downright gross in some cases.	11/30/2014 10:41 AM
23	Lack of air conditioning is ridiculous.	11/30/2014 10:27 AM
24	School campuses should put some Holiday decorations outside of the school so kids can feel the spirit of the Holiday season more.	11/30/2014 10:15 AM
25	The buildings need a lot of work. I am hoping a plan can be made to address these over time!	11/30/2014 8:38 AM
26	The buildings are maintained the best they can be under the circumstances (limited funding).	11/30/2014 8:33 AM
27	Air conditioning I. Buildings	11/28/2014 10:34 PM

Strategic Planning Satisfaction Survey

28	I understand the main focus for the teachers is the level of top notch education provided to our children. However, I think an organized & clean classroom is an important part in teaching expectations and responsibilities. The task is daunting, for some (too many), but the amount of dirt, stacks of old binders of information that most likely hasn't been touched in years, just plain clutter is absurd. It is wonderful for the school's to offer visitation days, p/t conferences, classroom parties, etc enabling the parents to see their child's environment - but this experience shouldn't translate 'lack of organization' into 'lack of care/concern for the children's well being'. This is a concern especially now during the cold/flu season.	11/25/2014 11:44 PM
29	Perhaps add central AC to the classrooms	11/24/2014 2:45 PM
30	Perhaps more fans or AC systems for those hot summer days.	11/24/2014 8:17 AM
31	Gym roof of wms?? No AC in several classrooms??	11/23/2014 1:18 PM
32	I believe the schools should have air conditioning. With students having many breathing issues, I believe it is necessary.	11/22/2014 8:05 AM
33	I think the district should use funds to REPLACE THE GYM as it is very outdated.	11/22/2014 7:57 AM
34	My child won't use the bathroom unless it's an absolute emergency, he says they're awful.	11/21/2014 4:35 PM
35	No	11/21/2014 1:38 PM
36	While realizing that there isn't a lot to work with, the buildings themselves are very dated. Broken lights outside of WMS, no a/c in parts of WIS etc make the buildings old...	11/21/2014 12:06 PM
37	My answers are based on only what I see. I don't know if the buildings are structurally and mechanically sound, so if not, then I am not very satisfied. With regard to classroom space, if it is not adequate or if rooms are shared because of some government mandate then I am also not very satisfied. I don't know what can be done about the government's interference, but I am extremely dissatisfied with it.	11/21/2014 11:35 AM
38	Utilization of the Britten School.	11/21/2014 9:42 AM
39	get rid of the safety officer at the schools and then we will have more money for building repairs!	11/21/2014 9:41 AM
40	I think this survey although helpful might be a little confusing because I do not think that the general population knows the over all condition of the buildings. On the surface the buildings look fine but like our homes only we know the age of the furnace, roof windows etc. I would also add a to this email. If anyone would like to get involved with the strategic planning and what assests they could bring to the table to help district 92.5.	11/21/2014 9:27 AM
41	none	11/21/2014 8:54 AM
42	Seeing as though the district allows over 25 kids per classroom, the rooms are now too small and it's dangerous. Front door security is lacking.	11/21/2014 8:51 AM
43	Would love to see flowers benches and framed black and white photos and children's artwork.	11/21/2014 8:43 AM
44	I am only familiar with WPS	11/21/2014 8:40 AM
45	Air Conditioning units would be nice for the 2nd grade wing of WPS	11/21/2014 8:37 AM
46	wms gym room interior,,, pieces hanging off ceiling ?	11/21/2014 8:10 AM
47	'Not Satisfied' might be a bit harsh...the grounds don't look bad...but it seems like a little more attention could be put to landscaping.	11/21/2014 8:03 AM
48	I am very concerned that our schools are not air conditioned.	11/21/2014 7:59 AM
49	The buildings should have a comfortable environment for our children to learn, meaning air-conditioning for the summer. Also better accessibility to drop off our children at school when they are being drove to school, especially in the primary school.	11/21/2014 7:45 AM
50	N/A	11/21/2014 7:34 AM
51	Air conditioning should be in all classrooms/buildings!	11/21/2014 7:24 AM
52	I was surprised that the play ground was not larger than Westchester Primary.	11/21/2014 7:05 AM
53	To many children per class. Landscaping around actual buildings; perhaps students could participate in improving.	11/21/2014 6:16 AM
54	I think having students murals on a few walls would warm up the building.	11/21/2014 6:13 AM

Strategic Planning Satisfaction Survey

55	Aesthetics do not take priority! The education behind the doors is what im most concerned of. That and keeping sufficient staff to properly educate our children. I am also aware that the internal maintenance the boilers and plumbing are in need of upgrades, please make this priority over grounds upkeep. Our children need to be warm and safe inside school. We dont need cancelled school days due to a failed heating system.	11/21/2014 6:02 AM
56	WMS appears to be well maintained, being the newer facility. WIS appears to be in need of work on the facility and exterior WPS library, computer lab and the building itslef appear to be in need work	11/21/2014 12:03 AM
57	There should be more parking availability.	11/20/2014 11:46 PM
58	Grounds are fine. I would prefer it to have more beautification (flowers, bushes, planters and possibly a garden) with low level enhanced lighting. The interior of our schools need more color. The white is to sanitary, not inviting, and does not reflect a welcoming warm environment. Give the children some color. AND please fix the torn window screens.	11/20/2014 10:36 PM
59	The Library is a bit small for the amount of students , the lost and found should not be on the outside where anyone can get to it, it should be in locked room or smaller facility room/	11/20/2014 10:27 PM
60	The buildings NEED air conditioning! It is not fair that the principal offices be air conditioned, while the children sweat it out during the sweltering summer heat.	11/20/2014 10:02 PM
61	The area under the outside bulletin board at WMS needs to be weeded and maintained. Perhaps low maintenance platings should be installed. Also, front walk area outside WMS needs to be swept more often. Mulch, leaves and dirt are often all over the concrete.	11/20/2014 9:54 PM
62	I would like to see some African American Staff in our schools	11/20/2014 9:53 PM
63	Could use more landscaping - but getting what the kids need comes first.	11/20/2014 9:52 PM
64	Too hot in the building during heating season	11/20/2014 9:48 PM
65	None	11/20/2014 9:38 PM
66	The Primary needs a better play ground. The Intermediate needs a better use of the field for recess time.	11/20/2014 9:35 PM



KEY

ABBR.	DESCRIPTION
HLS	HEALTH / LIFE SAFETY CODE
O+M	OPERATIONS AND MAINTENANCE
ENVIRO	ASBESTOS / ENVIRONMENTAL ISSUE
STRUCT	STRUCTURAL ISSUE
BSM	BUILDING SECURITY MEASURE
IBC	INTERNATIONAL BUILDING CODE - 2012 EDITION
IECC	INTERNATIONAL ENERGY CONSERVATION CODE - 2012 EDITION

PRIORITY DEFINITIONS

#	DESCRIPTION
1	Item that is in need of immediate attention.
2	Item that should be monitored closely and addressed in the near future (1-3 yrs).
3	Item that is performing adequately presently but will eventually need to be completed (3-5 yrs.).
4	Item to be addressed at the discretion of the District or when it makes economical sense to be grouped in with another project (5-10 yrs)

SUGGESTED PROJECTS 2014

WESTCHESTER PRIMARY SCHOOL - PRELIMINARY SCOPE OF WORK AND CONSTRUCTION BUDGETS

For economies of scale and to avoid the wasted dollars and the WESTCHESTER PRIMARY SCHOOL simultaneously during the materials created by performing work over an extended period of Summer of 2014: time, EJM suggests executing the following renovation projects at

SECTION	DESCRIPTION	BUDGET	PROJECT TYPE	PRIORITY
02 ARCHITECTURAL COMPONENTS				
A	General Trade Scope of Work associated with the Demolition and New Construction related to Plumbing, Mechanical and Electrical Renovation Projects.	\$450,000.00	HLS	2
B	New Flooring 39,500 Square Feet	\$217,500 00	HLS	2
C	New Ceilings 35,000 Square Feet	\$210,000.00	HLS	2
03 STRUCTURAL COMPONENTS				
A	Masonry Restoration Projects Exterior Tuck-Pointing Allowance Cost	\$50,000.00	STRUCT	4
B	Masonry Restoration Projects Interior Tuck-Pointing Allowance Cost	\$50,000 00	STRUCT	4
05 HEATING, VENTILATION, AND AIR-CONDITIONING SYSTEMS				
A	Removal and replacement of Mechanical System components including the following: Boiler plant and circulation systems, removal and replacement of exterior grade mounted chiller unit, selected hydronic piping systems, installation of chilled water coils at selected air handling units, selected classroom unit ventilators, new building automation/control system (BAS), incorporation of new classroom ductwork and fan-powered boxes related to mechanical system upgrade. The building will be 100% air conditioned.	\$650,000 00	HLS/ECM/IECC	1
06 ELECTRICAL SYSTEMS				
The required demolition and new work associated with the Mechanical Project including the following: new power wiring for various mechanical equipment, control wiring for Building Automation Systems (BAS).				
A	Installation of Vacancy/Occupancy Sensors at interior lighting fixtures.		O+M	2
B	Replacement of Fire Alarm System		IECC	4
C	Replacement of School Intercom System.		HLS	3
D	Installation of Emergency Generator System		O+M	1
E	Modification to Gymnasium Stage Lighting		HLS	4
F		\$75,000.00	O+M	4
		\$375,000.00*		

* This figure is a total for categories 06: A,B,C,D, and E.

SECTION	DESCRIPTION	BUDGET	PROJECT TYPE	PRIORITY
07	PLUMBING SYSTEMS			
	Removal and replacement of complete domestic water piping systems including the following: New water main installation from Fleet Street. Removal and replacement of domestic water piping system. Removal and replacement of all plumbing fixtures. Installation of Code required floor drains. Installation of new Staff Toilet rooms.	\$290,000.00	HLS/ECM/IECC	1
09	FIRE PROTECTION SYSTEMS			
A	Installation of a new sprinkler system for complete building area.	\$195,000.00	IBC/HLS	4
10	ASBESTOS/ENVIRONMENTAL ISSUES			
A	The asbestos abatement of the Thermal System Insulation (TSI) of the Hydronic (Heating) Piping system and the Domestic Water Piping system. Removal of glued on acoustic tile ceiling panels at gymnasium.	\$160,000.00	ENVIRO	1
01	SECURITY SYSTEMS			
A	Provide selected entrances with electronic card readers and appropriate door hardware to be tied into a centralized security system. Construct interior partition(s), door(s), and/or frame(s) where new entry vestibules are suggested.	\$75,000.00	BSM	1
12	ENERGY CONSERVATION MEASURES			
A	(Included within budgets of other projects; estimates for grant dollars available can be completed with further project development)		IECC	
13	SITE COMPONENTS			
A	New exterior lighting fixtures; parking lot lighting and building lighting fixtures.	\$50,000.00	IECC	4
B	Concrete walks: Public walks and on-site walks			4
C	Pavement Systems: Total parking lot, on-site driveways and playground. 80,500 square feet.			4
TOTAL		2,797,500.00		

SUGGESTED PROJECTS 2015

WESTCHESTER INTERMEDIATE SCHOOL - PRELIMINARY SCOPE OF WORK AND CONSTRUCTION BUDGETS

For economies of scale and to avoid the wasted dollars and the WESTCHESTER INTERMEDIATE SCHOOL simultaneously during materials created by performing work over an extended period of the Summer of 2015: time, EJM suggests executing the following renovation projects at

SECTION	DESCRIPTION	BUDGET	PROJECT TYPE	PRIORITY
03 ARCHITECTURAL COMPONENTS				
A	General Trade Scope of Work associated with the Demolition and New Construction related to Entry Door Vestibules, Mechanical and Electrical Renovation Projects.	\$480,000.00	HLS	2
B	New Flooring 39,300 Square Feet	\$216,000.00	HLS	2
C	New Ceilings 50,900 Square Feet	\$355,000.00	HLS	2
D	New Interior Doors/Frames/Hardware 112 Total Door Openings	\$349,000.00	HLS/IBC	4
04 STRUCTURAL COMPONENTS				
A	Removal and replacement of steel lintels at various window openings Includes the temporary removal and reinstallation of the current aluminum window units 67 total window openings included within Project Budget	\$1,000,000.00	STRUCT	2
B	Masonry Restoration Projects - Exterior Tuck-Pointing Allowance Cost	\$50,000.00	STRUCT	4
C	Masonry Restoration Projects - Interior Tuck-Pointing Allowance Cost	\$50,000.00	STRUCT	4
04 ROOFING SYSTEMS				
A	New Roofing 12,500 Square Feet	\$250,000.00	HLS/IECC	3
05 HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS				
A	Removal and replacement of mechanical system components including the following: Boiler plant and circulation systems, hydronic piping systems, new grade mounted chiller unit, new classroom unit ventilators, new building automation/control system (BAS) The building will be 100% air conditioned	\$2,982,000.00	HLS/IBC/IECC	1
06 ELECTRICAL SYSTEMS				
A	Replace existing light fixtures with new energy efficient models	\$858,000.00*	IECC/O+M	2
B	The required demolition and new work associated with the Mechanical Project. Including the following: new power wiring for mechanical equipment and modification of electrical switch gear.		HLS/IECC	2
C	Installation of Vacancy/Occupancy Sensors at interior lighting fixtures		IECC	4

* This figure is a total for categories 06: A, B,C,D,E, and F.

SECTION	DESCRIPTION	BUDGET	PROJECT TYPE	PRIORITY
06 ELECTRICAL SYSTEMS (CONTD)				
D	Replacement of Fire Alarm System.		HLS/IBC	3
E	Replacement of School Intercom System		HLS	4
F	Installation of Emergency Generator System.		HLS	4
G	Modification to Gymnasium Stage Lighting	\$75,000.00	HLS	4
07 FLOWING SYSTEMS				
A	New water main installation to prevent future breaks and to increase capacity related to new fire protection system. Village water main is located within Canterbury	\$40,000.00	HLS/O+M	4
B	Basement level ejector pump replacement.	\$25,000.00	O + M	1
09 FIRE PROTECTION SYSTEMS				
A	Installation of a new sprinkler system for complete building area.	\$230,000.00	IBC/HLS	4
10 ASBESTOS/ENVIRONMENTAL ISSUES				
A	The asbestos abatement of the Thermal System Insulation (TSI) of the Hydronic (Heating) Piping system. Removal of existing carpeting, asbestos floor tile and mastic. Budget Cost includes Environmental Consulting Services.	\$550,000.00	ENVIRO	1
11 SECURITY SYSTEMS				
A	Provide selected entrances with electronic card readers and appropriate door hardware to be tied into a centralized security system		BSM	1
12 ENERGY CONSERVATION MEASURES				
A	(Included within budgets of other projects; estimates for grant dollars available can be completed with further project development)		IECC	
13 SITE COMPONENTS				
A	New exterior lighting fixtures, parking lot lighting and building lighting fixtures.	\$50,000.00	IECC	4
B	Concrete walks: Public walks and on-site walks			4
C	Pavement areas: Total parking lot, on-site driveways and playground areas: 92,500 Square Feet			4
TOTAL		\$7,560,000.00		

SUGGESTED PROJECTS 2016

WESTCHESTER MIDDLE SCHOOL - PRELIMINARY SCOPE OF WORK AND CONSTRUCTION BUDGETS

For economies of scale and to avoid the wasted dollars and materials created by performing work over an extended period of time, EJM suggests executing the following renovation projects simultaneously during the Summer of 2016:

SECTION	DESCRIPTION	BUDGET	PROJECT TYPE	PRIORITY
02	ARCHITECTURAL COMPONENTS			
A	General Trade Scope of Work associated with the Demolition and New Construction related to Entry Door Vestibules, Mechanical and Electrical Renovation Projects.	\$400,000.00	HLS/IBC	2
B	New Flooring 24,000 Square Feet	\$132,000.00	HLS/IBC	2
C	New Ceilings 30,000 Square Feet	\$210,000.00	HLS/IBC	2
D	Move school office to new location; relocate school office from the east side of the building along Norfolk Ave to the west side of the building so that it is adjacent to the staff parking lot	\$125,000.00	O-M	4
E	New Doors/Frames/Hardware, 32 Door Openings, 31 Storage Room Type Doors; and 11 Typical Classroom Closet Doors.	\$274,000.00	HLS/IBC	4
F	New Aluminum Window Unit One Opening at North Stairway	\$30,000.00	HLS/IECC	2
G	Corridor area Lockers Allowance cost for repair/replacement at selected units.		O+M	4
03	STRUCTURAL COMPONENTS			
A	Masonry Restoration Projects - Exterior Tuck-Pointing Allowance Cost	\$50,000.00	STRUCT	4
B	Masonry Restoration Projects - Interior Tuck-Pointing Allowance Cost	\$50,000.00	STRUCT	4
04	ROOFING SYSTEMS			
E	New Roof 1962 Locker Room Roof 1,500 SF	\$75,000.00	HLS/IECC	2
05	HEATING, VENTILATION, AND AIR-CONDITIONING SYSTEMS			
A	Removal and replacement of mechanical system components including the following Boiler plant and circulation systems, selected hydronic piping systems, selected classroom unit ventilators, new grade mounted Air Cooled Chiller Plant and new building automation/control system (BAS). The building will be 100% air conditioned	\$2,225,000.00	HLS/IBC	1
B	Incorporation of new BAS components at existing mechanical equipment in 2000 Building Area.		IECC/O+M	2
06	ELECTRICAL SYSTEMS	\$975,010.00*		

* This figure is a total for categories 06: A, B, C, D, E, and F.

SECTION	DESCRIPTION	BUDGET	PROJECT TYPE	PRIORITY
06 ELECTRICAL SYSTEMS (CONTD)				
A	Replace existing light fixtures with new energy efficient models		IECC/O+M	2
B	The required power wiring demolition and new work associated with the mechanical system upgrades.		HLS/IECC	2
C	Installation of Vacancy/Occupancy Sensors at interior lighting fixtures.		IECC	3
D	Replacement of Fire Alarm System.		HLS/IBC	3
E	Replacement of School Intercom System		HLS	4
F	Installation of Emergency Generator System.		HLS	4
G	Modification to Gymnasium Stage Lighting	\$75,000.00		4
07 PLUMBING SYSTEMS				
A	New water main installation to prevent future breaks and to increase capacity related to new fire protection system.	\$50,000.00	O+M	4
	Basement level ejector pump replacement.	\$25,000.00	O+M	1
08 FIRE PROTECTION SYSTEMS				
A	Installation of a new sprinkler system for complete building renovation area.	\$1,540,000.00	HLS/IBC	4
09 ASBESTOS/ENVIRONMENTAL ISSUES				
A	The asbestos abatement of the Theraml System Insulation-TSI of the Hydronic (Heating) Piping system. Removal of existing carpeting, asbestos floor tile and mastic. Budget Cost includes Environmental Consulting Services Fee.	\$290,000.00	ENVIRO	1
10 SECURITY SYSTEMS				
A	Provide selected entrances with electronic card readers and appropriate door hardware to be tied into a centralized security system	\$55,000.00	BSM	1
11 ENERGY CONSERVATION MEASURES				
A	(Included within budgets of other projects; estimates for grant dollars available can be completed with further project development)		IECC	
12 SITE COMPONENTS				
A	New exterior lighting fixtures; parking lot and building lighting fixtures.	\$50,000.00	BSM	4
B	Concrete Walks Public walks and on-site walks		O + M	4
C	Pavement Areas: Total parking lot, on-site driveways and playgrounds 56,000 Square Feet.		O + M	4
TOTAL		\$4,500,000.00		

SUGGESTED PROJECTS 2017

BRITTEN BUILDING - PRELIMINARY SCOPE OF WORK AND CONSTRUCTION BUDGETS

For economies of scale and to avoid the wasted dollars and the BRITTEN BUILDING simultaneously during the Summer of 2017: materials created by performing work over an extended period of time, EJM suggests executing the following renovation projects at

SECTION	DESCRIPTION	BUDGET	PROJECT TYPE	PRIORITY
02 ARCHITECTURAL COMPONENTS				
A	General Trade Scope of Work associated with the Demolition and New Construction related to the Entry Door Vestibules, Plumbing, Mechanical and Electrical Renovation Projects.	\$650,000.00	HLS/IBC	2
B	New Flooring Systems 21,300 Square Feet	\$117,000.00	HLS	2
C	New Ceiling Systems 40,000 Square Feet	\$280,000.00	HLS	2
D	New Interior Doors/Frames/Hardware 95 Door Openings	\$322,000.00	HLS/IBC	4
E	New Window Replacement Project 31 Window Openings	\$496,000.00	HLS/ECM	1
03 STRUCTURAL COMPONENTS				
A	Removal and replacement of steel lintels and face brick at various window openings. 31 Window Openings	\$465,000.00	STRUCT	1
B	Masonry Restoration Exterior Tuck-Pointing Allowance Cost	\$50,000.00	STRUCT	4
C	Masonry Restoration Interior Tuck-Pointing Allowance Cost	\$50,000.00	STRUCT	4
04 ROOFING SYSTEMS				
D	New Roofing Systems (approx. 25,900 Total Square Feet)	\$382,000.00	HLS/IECC	1
05 HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS				
A	Removal and replacement of mechanical system components including the following: Boiler plant and circulation systems, new grade mounted Air Cooled Chiller Unit, hydronic (Dual-Piping) systems, new classroom unit ventilators, building automation/control system (BAS). The building will be 100% air conditioned.	\$3,025,000.00	HLS/IECC	1
06 ELECTRICAL SYSTEMS				
A	Replace existing light fixtures with new energy efficient models	\$975,000.00	IECC/O+M	2
B	The required power wiring demolition and new work associated with the mechanical system upgrades		HLS/IECC	2
C	Installation of Vacancy/Occupancy Sensors at interior lighting fixtures.		IECC	4

* This figure is a total for categories 06: A, B, C, D, E, and F.

SECTION	DESCRIPTION	BUDGET	PROJECT TYPE	PRIORITY
06 ELECTRICAL SYSTEMS (CONT'D)				
D	Replacement of Fire Alarm System.		HLS/IBC	3
E	Replacement of School Intercom System		HLS	4
F	Installation of Emergency Generator System.		HLS	4
G	Modification to Gymnasium Stage Lighting	\$75,000.00	O + M	4
07 PLUMBING SYSTEMS				
	"Removal and replacement of complete domestic water piping systems including the following: New water main installation from Fleet Street. Removal and replacement of domestic water piping system. Removal and replacement of all plumbing fixtures. Installation of Code required floor drains. Installation of new Staff Toilet rooms"			
A		\$282,000.00	HLS/ECM/IECC	1
B	Basement level ejector pump replacement.	\$25,000.00	O+M	1
09 FIRE PROTECTION SYSTEMS				
A	Installation of a new sprinkler system for complete building area.	\$163,000.00	HLS/IBC	4
10 ASBESTOS/ENVIRONMENTAL ISSUES				
	The asbestos abatement of the Thermal System Insulation (TSI) of the Hydronic (Heating) system and domestic water piping system. Removal of existing asbestos floor tile and mastic. Budget Cost includes Environmental Consulting Services.			
A		\$395,000.00	ENVIRO	1
12 ENERGY CONSERVATION MEASURES				
A	(Included within budgets of other projects; estimates for grant dollars available can be completed with further project development)		IECC	
13 SITE COMPONENTS				
A	New exterior lighting fixtures: parking lot and building lighting fixtures.	\$30,000.00	HLS/O+M	4
B	Concrete Walks: Public walks and on-site walks		HLS/O+M	4
C	Pavement Systems: Total parking lot, on-site driveways and playgrounds. 32,400 Square Feet	\$259,000.00	HLS/O+M	4
TOTAL		\$7,631,000.00		

WORKS CITED

- 1 Annual Average Solar Radiation figures based on information from the National Renewable Energy Laboratory (NREL): http://rredc.nrel.gov/solar/old_data/nsrdb/redbook/atlas/
- 2 Illinois Wind Power Classification at 50m Altitude information obtained from the U.S. Department of Energy: http://www.windpoweringamerica.gov/maps_template.asp?stateab=il
- 3 Illinois Annual Average Wind Speed at 80m Altitude information obtained from U.S. Department of Energy: http://www.windpoweringamerica.gov/wind_resource_maps.asp?stateab=il
- 4 U.S. Energy Information Administration Data and Projections <http://www.eia.doe.gov/oiaf/forecasting.html>
- 5 Long, JT. "Photovoltaic System Prices Drop as U.S. Market Grows". Engineering News Record; January; Page 29.
- 6 Union of Concerned Scientists. "How Geothermal Energy Works". http://www.ucsusa.org/clean_energy/technology_and_impacts/energy_technologies/how-geothermal-energy-works.html
- 7 "Occupant Load by Code" determined from International Building Code 2009: "Section 1004 Occupant Load; Table 1104.1.2 Maximum Floor Area Allowances per Occupant"
- 8 "LEED EA Credit 8.1 Daylight 75% of Spaces" is defined by the United States Green Building Council using the Leadership in Energy and Environmental Design green building certification program: <http://www.usgbc.org/DisplayPage.aspx?CategoryID=19>
- 9 Carbon Dioxide (CO₂) emissions information based on results from the Environmental Protection Agency's (EPA) "Greenhouse Gas Equivalencies Calculator": <http://www.epa.gov/cleanenergy/energy-resources/calculator.html>
- 10 Vehicle emissions equivalency based on figures from the EPA's website: <http://www.epa.gov/cleanenergy/energy-resources/refs.html#vehicles>
- 11 Home energy emissions equivalency based on figures from the EPA's website: <http://www.epa.gov/cleanenergy/energy-resources/refs.html#houseelec>
- 12 Tree seedling CO₂ sequestration equivalency based on figures from the EPA's website: <http://www.epa.gov/cleanenergy/energy-resources/refs.html#seedlings>
- 13 Wind Turbine Power Calculator estimates were obtained from the Danish Wind Industry Association: <http://guidedtour.windpower.org/en/tour/wres/pow/index.htm>
- 14 Vettel, Frank. "An Individual Solution to Municipal Construction". *Detail: Serie 2009; Volume 9*.
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- 16 Boyce, Peter; Hunter, Claudia; and Howlett, Owen. *The Benefits of Daylight through Windows*. 2003. http://www.usp.br/fau/cursos/graduacao/arg_urbanismo/disciplinas/aut0213/Arquivos_Anteriores/Publicacoes_e_Referencias_Eletronicas/The_Benefits_Of_Daylight_Through_Windows.pdf
- 17 Heschong Mahone Group. *Daylighting in Schools: An Investigation into the Relationship Between Daylighting and Human Performance*. 1999. <http://www.coe.uga.edu/sdpl/research/daylightingstudy.pdf>

Priority Target: *Capital Projects*

After reviewing the document that had been prepared by the architect, the subcommittee arrived at its conclusions on what the needs for building repairs and the priorities of these repairs. The document shows the high priorities of items in red, the next priority in yellow, then green for the last area that needs to be repaired. The highest priority was for the heating and air-conditioning of the buildings, with the second priority the replacement of the bathrooms at the Primary school followed by the parking lot repairs and the systematic replacement of the roofs at all the buildings.

Large projects are those requiring long-term planning with money from bonds to pay for the work. These projects were separated from those projects that could be paid for out of yearly budgeting of the Building fund. These projects require a minimum of \$500,000 and could require long-term debt in the form of bonds to pay for them. These projects will take long-term planning by the administration and school board to fund as money may not be available on a yearly basis to pay for one or more of the projects.

The subcommittee decided on timelines and priority listing of the projects with the knowledge that the timing may be delayed on any project due to the actual costs that the architect calculates or the availability of funds to the district. The Buildings & Grounds subcommittee also looked at alternative methods for funding such as grants from the state. These are not actually anticipated, however, until the state is in a better financial situation.

While there are dates for all projects, a yearly reassessment of the projects needs to be done in light of the mentioned funding needs of the district. The next project on the list is the replacement of the bathrooms at the Primary school and the administration should begin the planning and pricing process in October 2015. All other projects will follow a similar timeline each succeeding year.

Priority Target: *Small Projects*

These are projects that can be funded from the yearly budget through the Building fund of the budget. The list of projects includes new playground equipment, replacement ceilings in gyms for WMS and WIS and handicapped parking in front of the building at WMS. Another project from the list is to improve the outside aesthetics of the school buildings through upgrading the landscaping. These projects will be done in any order that allows for funding through the budget.

The handicapped parking project has already begun with the filing of the paper work with the village for the parking space. The playground equipment is a project that will be sponsored by the school district and the WPTC. The landscaping project the district will be looking for corporate sponsors to fund these projects as was done at the Middle school a year ago.

The timing of the projects and their costs have been outlined but are subject to change on a yearly priority basis as deemed by the administration and the school board.

Westchester Public Schools, District 92½, Strategic Action Plan

Area: Buildings and Grounds

Priority Target: Capital Improvements

Activity	Timeline	Roles and Responsibilities	Possible Barriers	Measures for the Activity	Resources for the Activity
1) Architect review for: Air conditioning WPS bathrooms Parking lot repairs Roof repairs WPS boilers/AC	October 2014 October 2015 October 2016 October 2017 October 2017	District Administration Architect		Board Presentation	Staff time Bond money
2) Approval of final project analysis	<ul style="list-style-type: none"> • Air conditioning December 2014 • WPS bathrooms December 2015 • Parking lots: December 2016 • Roof repairs: February 2018 	Board of Education approval	Finances	Board of Education approval	Staff time Board of Education time Architect time
3) Bid project	<ul style="list-style-type: none"> • Air conditioning February 2015 • WPS bathrooms February 2016 • Parking lots: February 2017 • Roof repairs: February 2018 	Administration Board of Education Architect	Finances	<ul style="list-style-type: none"> • Air conditioning completed: August 2015 • WPS bathrooms completed: August 2016 • Parking lots completed: August 2017 • Roof repairs begin: 2018 	Bond money Budget appropriations

Westchester Public Schools, District 92½, Strategic Action Plan

Area: Buildings and Grounds

Priority Target: Small Projects

Activity	Timeline	Roles and Responsibilities	Possible Barriers	Measures for the Activity	Resources for the Activity
1) Architect review for: Playground equipment	Talk to WPTC by April 2015	Principals	Finances	Board presentation	Budget
Handicapped parking on the street for WMS	Talk to Police Chief regarding on street handicapped parking at WMS by March 2015	District Administration	Village rules not applicable		Staff time
Gym ceilings at WMS and WIS	Review with architect by October 2017	Architect			
2) Approval of final project analysis	March 2015	Principals, WPTC	Finances	Board of Education approval	Staff time
Fill out application	April 2015	District Administration	Village disapproves	Village approval	
Approval of final project analysis	December 2017	District Administration Board of Education	Finances	Board of Education approval	
3) WPTC approval of cost	May 2015	WPTC, Board of Education	Finances	Completion August 2015	WPTC funds
Village Board approval	May 2015	Village District Administration	Village ordinance	Completion August 2015	Village approval
Go out to bid	February 2018	Board of Education	Finances	Completion August 2018	Budgetary availability

Westchester Public Schools, District 92½, Strategic Action Plan

Area: Buildings and Grounds

Priority Target:

Activity	Timeline	Roles and Responsibilities	Possible Barriers	Measures for the Activity	Resources for the Activity
1) Beautification of school property	June 2020	Director of Finance and Operations Maintenance staff Interested community members	Finances Gardening equipment	Number of gardens	Tools Plants and/or seeds Science teachers Community groups Corporate donations