

Operations Committee Meeting

Location: District Offices

February 9, 2017

Minutes

Present:

- ☒ Michael Hagadorn, Board Member
- ☐ Cathy Buckley, Board Member
- ☒ Jason Marsh, Board Member
- ☒ Pauline Stone, Board Member

Others Present:

- ☒ Daniel Mannix, Superintendent
- ☒ Mary LaValley Blaine, School Business Executive
- ☒ Eric Bell, District Treasurer
- ☒ Joshua Nolan, Building Maintenance Mechanic
- ☒ James Bouffard, Tetra Tech Architects and Engineers, Associate AIA
- ☒ Garrett Hamlin, Tetra Tech Architects and Engineers, AIA, NCARB, Director

The meeting was called to order at 4:31 pm.

Mr. Garrett Hamlin of Tetra Tech congratulated the Board on the passing of the Capital Project. We are now in the Design process which will take us into summer, then we will submit design plan to NYSED in late summer/early fall 2017. Now we will meet and gather input from everybody to eliminate and minimize surprises.

1) Capital Project Kick-Off

The Superintendent discussed the template for kick-off meetings and today's building walk through.

2) Design Schedule & Process

Mr. James Bouffard of Tetra Tech met on 2/9/17 at each building with Principals and at the Bus Garage to make sure individuals knew where we were going, taking all info up until now, takes information, synthesizes it and packages it to go through it with all individuals.

The Superintendent added that he has reviewed this with a number of people and our goal is for everyone to be informed and have the opportunity for input.

Tetra Tech reviewed the following documents.

CAPITAL PROJECT SCHEDULE ROADMAP

PRELIMINARY / DRAFT



Rev. 2/7/2017

Rev. By: JRB

Phase	Date(s)	Event	Event	A Athletic Upgrades	B Traffic Safety	C Ed Space - CHES	D Ed Space - BES	E Ed Space - MS/HS	F Infrastru. - CHES	G Infrastru. - Main Bldg.	H Bus Garage	I Facilities / Admin. / Arch.
SCHEMATIC DESIGN (JAN 18-MAR 3, 2017 - 33 DAYS)	FEB 9	Design Kick-Off Meetings with Building Principals	High level meetings with users and district admin that rapidly touch base on each scope of work. Conversations about RFP for CM?	X	X	X	X	X	X	X	X	X
	FEB 14	Board of Education Meeting	At 6:15 PM									X
	FEB 15-16	Design Kick-Off Meetings with User Groups	Multi-day, one-on-one conversations with user groups and district admin to discuss in greater detail initial feedback for scope of work and design intent.	X	X	X	X	X	X	X	X	X
	FEB 20-24	No School – Break	District closed on Mon. 2/20 & Fri. 2/24 A/E fieldwork?									X
	MAR 1-2	Design Meetings with User Groups	Multi-day, one-on-one conversations with user groups and district admin to discuss in greater detail initial feedback for scope of work and design intent. Architect presentation of ideas and/or intent of designs and scope of work.	X	X	X	X	X	X	X	X	X
DESIGN DEVELOPMENT (MAR 4-APR 28, 2017 - 40 DAYS)	MAR 14	Board of Education Meeting	At 6:15 PM									X
	MAR 16	Early Release & Half Day for K-5	A/E fieldwork?									X
	MAR 17	No School – Superintendent's Conference	A/E fieldwork?									X
	MAR 22-23 (Tentative)	Design Meetings with User Groups	Multi-day, one-on-one conversations with user groups and district admin to discuss in greater detail initial feedback for scope of work and design intent. Architect presentation of ideas and/or intent of designs and scope of work.	X	X	X	X	X	X	X	X	X
	MAR 27-31	Testing	School is open.									X
	APR 10-14	No School - Break	A/E fieldwork?									X
	APR 16	Easter Holiday	Sunday									
	APR 18	Board of Education Meeting	At 6:15 PM									X

Phase	Date(s)	Event	Event	A Athletic Upgrades	B Traffic Safety	C Ed Space - CHES	D Ed Space - BES	E Ed Space - MS/HS	F Infrastru. - CHES	G Infrastru. - Main Bldg.	H Bus Garage	I Facilities / Admin. / Arch.
CONSTRUCTION DOCUMENTS (APR 29-AUG 4, 2017 - 70 DAYS)	MAY 1-5	Testing	School is open.									X
	MAY 9	Board of Education Meeting & Budget Hearing	Board meeting at 6:15 PM. Budget hearing at 7:00 PM.									X
	MAY 14	Mother's Day	Sunday									
	MAY 16	Budget Vote & Elections for BoE	11:00 AM – 8:00 PM									X
	MAY 24-26	Testing	School is open.									X
	MAY 29	No School	District is closed.									
	MAY 30-JUN 2	Testing	School is open.									X
	JUN 5-9	Testing & Final Exams	School is open.									X
	JUN 13	Board of Education Meeting	At 6:15 PM									X
	JUN 13-16	Testing & Final Exams	School is open.									X
	JUN 18	Father's Day	Sunday									
	JUN 19-23	Testing & Regents Exams	School is open.									X
	JUN 21-23	Early Release & Half Day for K-8	A/E fieldwork?									X
	JUN 23	Last Day of School										X
QA (19 DAYS)	AUG 5-27	Quality Assurance / Quality Control Phase	Experienced reviewers review set for constructability and other concerns.									X
	AUG 28-31	Submit to SED	Contract documents and signed paperwork from District sent to SED for review and issuance of building permit.									X
SA (151 DAYS)	SEP 1, 2017-MAR 31, 2018	State Agency Review	Review by the NYSED Office of Facilities Planning, issuance of SED addenda, approval, and building permit.									X
BD (44 DAYS*)	APR 1, 2018-MAY 31, 2018	Bidding Phase	Issuance of contract documents for bidding, issuance of bid addenda, open bids.									X
CS (347 DAYS)	JUN 1, 2018-SEP 30, 2019	Construction & Closeout Phase	Award of prime contracts, mobilization, construction, closeout, final cost reports to SED									X

BEEKMANTOWN CENTRAL SCHOOL DISTRICT

37 EAGLE WAY, WEST CHAZY, NEW YORK



Thursday, February 9, 2017 at Each Building Principal's Office

Rev. 2/7/2017

Time	Focus	Bus Garage	CHES Principal	BES Principal	MS Principal	HS Principal	Facilities / Admin. / Arch.
8:30 AM	BES - Project scope and budget overview			X			X
9:00 AM	BES - Building Walkthrough:			X			X
	Main entry enhancements			X			X
	BES/MS/HS Parking lot improvements			X			X
	Music Room			X			X
	Special Education Room			X			X
	Gym			X			X
	Cafeteria			X			X
10:00 AM	MS - Project scope and budget overview				X		X
10:30 AM	MS - Building Walkthrough:				X		X
	BES/MS/HS Parking lot improvements				X		X
	HS/MS Athletic Complex				X		X
	Large Group Instructional Area				X		X
	MS/HS Media Center				X		X
	MS/HS Auditorium lighting				X		X
11:30 PM	Break	-	-	-	-	-	-
12:00 PM	HS - Project scope and budget overview					X	X
12:30 PM	HS - Building Walkthrough:					X	X
	BES/MS/HS Parking lot improvements					X	X
	HS/MS Athletic Complex					X	X
	HS multi purpose classroom					X	X
	Large Group Instructional Area					X	X
	MS/HS Media Center					X	X
	MS/HS Auditorium lighting					X	X
1:30 PM	Bus Garage - Project scope and budget overview	X					X
2:00 PM	Bus Garage - Building Walkthrough:	X					X
	Electrical Upgrades	X					X
	Fuel Tanks	X					X
3:00 PM	CHES - Project scope and budget overview		X				X
3:30 PM	CHES - Building Walkthrough:		X				X
	CHES STEM Room		X				X
	CHES Stage		X				X

DESIGN KICK-OFF MEETINGS

Wednesday, February 15, 2017 at District Office Conference Room



Rev. 2/8/2017

Time	Focus	A Athletic Upgrades	B Traffic Safety	C Ed Space - CHES	D Ed Space - BES	E Ed Space - MS/HS	F Infrastru. - CHES	G Infrastru. - Main Bldg.	H Bus Garage	I Facilities / Admin. / Arch.
8:30 AM	HS/MS Athletic Complex	X	X							X
9:00 AM	BES/MS/HS Parking lot improvements	X	X		X	X				X
9:30 AM	BES/MS/HS - New room signage so visitors can more easily navigate through the school							X		X
9:45 AM	BES/MS/HS - Improve health and safety components, including egress from student-occupied spaces and additional handrails							X		X
10:00 AM	BES/MS/HS - Water service upgrades and new fire alarm & smoke detection systems							X		X
10:15 AM	BES/MS/HS - HVAC improvements, partial roof system replacement							X		X
10:30 AM	BES/MS/HS - Replacement of fire alarm and strobe light systems							X		X
10:45 AM	BES/MS/HS - Door upgrades, power panel and drinking water fixture replacement							X		X
11:00 AM	MS/HS - Refinishing of auditorium stage flooring							X		X
11:30 AM	DO - New parking lot lighting system for improved safety (used by teachers, staff and visitors at Middle School & District Office)									X
11:45 AM	DO - Drinking water fixture replacement as needed									X
12:00 PM	Break	-	-	-	-	-	-	-	-	-
12:30 PM	Bus Garage - AST (aboveground) and UST (underground) site fuel storage tanks								X	X
1:00 PM	Bus Garage - Improvements to water service distribution								X	X
1:30 PM	Bus Garage - Improvements to site electrical service & distribution								X	X
2:00 PM	Bus Garage - Fire alarm & smoke detection systems								X	X
2:15 PM	Bus Garage - Miscellaneous doors & egress								X	X
2:30 PM	End	-	-	-	-	-	-	-	-	-

DESIGN KICK-OFF MEETINGS

Thursday, February 16, 2017



Rev. 2/8/2017

AM Meetings at CHES Conference Room; PM Meetings at District Office Conference Room

Time	Focus	A Athletic Upgrades	B Traffic Safety	C Ed Space - CHES	D Ed Space - BES	E Ed Space - MS/HS	F Infrastru. - CHES	G Infrastru. - Main Bldg.	H Bus Garage	I Facilities / Admin. / Arch.
8:30 AM	CHES - New room signage so visitors can more easily navigate through the school			X			X			X
8:45 AM	CHES - Replacement of one gym divider system & stage technology enhancements			X			X			X
9:15 AM	CHES - STEM Room			X			X			X
9:45 AM	CHES - Stage technology enhancements			X			X			X
10:15 AM	CHES - Select HVAC improvements and drinking water fixture replacement						X			X
10:30 AM	CHES - Door upgrades, and window and soffit replacement where needed (water issues)						X			X
11:00 AM	CHES - New fencing along western property line						X			X
11:15 AM	CHES - Miscellaneous exterior wall masonry/concrete restoration to correct water penetration issues						X			X
11:30 AM	CHES - Replacement of fire alarm strobe light system and expanded coverage of emergency generator system						X			X
11:45 AM	CHES - Expanded coverage of exterior public address system						X			X
12:00 PM	Break	-	-	-	-	-	-	-	-	-
12:30 PM	BES - Main entry enhancements				X			X		X
1:00 PM	BES - Music Room				X			X		X
1:30 PM	BES - Special Education Room				X			X		X
2:00 PM	BES - Gym				X			X		X
2:30 PM	BES - Cafeteria				X			X		X
3:00 PM	BES - Handicapped accessibility upgrades to select elementary school student restrooms				X			X		X
3:15 PM	BES - Replacement of classroom sinks, countertops and shelving were needed				X			X		X
3:30 PM	MS/HS Large Group Instruction & corridor					X		X		X
4:00 PM	MS/HS Media Center					X		X		X
4:30 PM	HS multi purpose classroom					X		X		X
4:45 PM	HS/MS Auditorium lighting					X		X		X
5:00 PM	End	-	-	-	-	-	-	-	-	-

BEEKMANTOWN CENTRAL SCHOOL DISTRICT
 37 EAGLE WAY, WEST CHAZY, NEW YORK



SUMMARY OF PROPOSED WORK

Rev. 1/28/2017

Item No.	Project Cornerstone	Building	Item	Description	Project Cost Priority 1
1	Ed. Space Enhancements	Main Bldg.	New ES Cafeteria	Create separate, dedicated elementary school cafeteria and gymnasium spaces.	\$719,125
2	Ed. Space Enhancements	Main Bldg.	New Large Group Instruction ("LGI")	Create a flexible, multi-purpose LGI space outfitted with latest technology, primarily for MS use with capacity to accommodate an entire grade of approximately 200 persons.	\$816,750
3	Ed. Space Enhancements	Main Bldg.	Auditorium / Library Media Center Study Commons	Create small group and individual study areas with student display areas, seating, and charging stations within corridor of ramped corridor between Auditorium and Media Center 180.	\$387,750
4	Ed. Space Enhancements	Main Bldg.	Main Bldg. Auditorium House Lighting Enhancements	Provide improvements to the existing auditorium house lighting system in order to better light distribution and brightness based on multi-use aspect of the space as a classroom.	\$33,000
5	Ed. Space Enhancements	Main Bldg.	ES Main Entry Enhancements	Consider creation of more secure vestibule at ES main entrance that requires visitors to go through the ES main office before gaining access to the rest of the building.	\$533,500
6	Ed. Space Enhancements	Main Bldg.	ES Special Education / Music Relocation	Consider switching what is currently the Sp. Ed. 12:1:3 program housed on the 2nd floor with the current Music program located in room 13 on the 1st floor.	\$429,000
7	Ed. Space Enhancements	Main Bldg.	Multipurpose Classroom	Consider creation of multipurpose classroom that can be used as both a standard interchangeable classroom and double as a science space (Math 165?).	\$66,000
8	Ed. Space Enhancements	Main Bldg.	Additional Educational Space Enhancements	Exact scope to be determined.	\$770,000
9	Ed. Space Enhancements	CHES	New STEM Lab	Repurpose what is currently Computer 308 on the 2nd floor adjacent to the library and transforming into Maker Space.	\$111,375
10	Ed. Space Enhancements	CHES	CHES Stage Technology Enhancements	Provide various technological enhancements, including adding a potential drop-down monitor.	\$55,000
11	Traffic Safety Improvements	Main Bldg.	Main Driveway - Paving	Heavy-duty asphalt at Main Drive to Student Parking Lot, Parent Drop-off, Staff Parking Lot, and Bus Loop	\$198,000
12	Traffic Safety Improvements	Main Bldg.	Main Driveway - Site Drainage and Stormwater Management	Includes drainage swales, storm sewer piping and structures and stormwater quality and quantity practices. Assumes above ground detention adjacent to wetlands.	\$35,750
13	Traffic Safety Improvements	Main Bldg.	Bus Loop - Paving	Heavy-duty asphalt.	\$22,688
14	Traffic Safety Improvements	Main Bldg.	Bus Loop - Site Drainage and Stormwater Management	Includes drainage swales, storm sewer piping and structures and stormwater quality and quantity practices. Assumes above ground detention adjacent to wetlands.	\$53,625
15	Traffic Safety Improvements	Main Bldg.	Bus Loop - Concrete Sidewalk	With integral curb.	\$16,500
16	Traffic Safety Improvements	Main Bldg.	Bus Loop - ADA Curb Cuts	Detectable warning plates.	\$3,850

Item No.	Project Cornerstone	Building	Item	Description	Project Cost Priority 1
17	Traffic Safety Improvements	Main Bldg.	Bus Loop - Stand Alone Curbing	At lawn areas.	\$7,563
18	Traffic Safety Improvements	Main Bldg.	Parent Drop Off - Paving	Heavy-duty asphalt.	\$20,625
19	Traffic Safety Improvements	Main Bldg.	Parent Drop Off - Site Drainage and Stormwater Management	Includes drainage swales, storm sewer piping and structures and stormwater quality and quantity practices. Assumes above ground detention adjacent to wetlands.	\$21,450
20	Traffic Safety Improvements	Main Bldg.	Parent Drop Off - Concrete Sidewalk	With integral curb (between Parent Drop Off and Main Bldg.).	\$98,533
21	Traffic Safety Improvements	Main Bldg.	Parent Drop Off - ADA Curb Cuts	Detectable warning plates.	\$3,850
22	Traffic Safety Improvements	Main Bldg.	Parent Drop Off - Stand Alone Curbing	At lawn areas.	\$3,630
23	Traffic Safety Improvements	Main Bldg.	Staff Parking - Paving (HC Lot)	Auto-duty asphalt at Staff Parking Lot.	\$78,650
24	Traffic Safety Improvements	Main Bldg.	Staff Parking - Paving (North Entrance)	Auto-duty Asphalt.	\$44,688
25	Traffic Safety Improvements	Main Bldg.	Staff Parking - Site Drainage and Stormwater Management	Includes drainage swales, storm sewer piping and structures and stormwater quality and quantity practices. Assumes above ground detention adjacent to wetlands.	\$53,625
26	Traffic Safety Improvements	Main Bldg.	Staff Parking - Concrete Sidewalk	With integral curb.	\$72,655
27	Traffic Safety Improvements	Main Bldg.	Staff Parking - ADA Curb Cuts	Detectable warning plates.	\$7,700
28	Traffic Safety Improvements	Main Bldg.	Staff Parking - Ornamental Fencing	Ornamental fencing at Bus Loop curbed island (Between Bus Loop and Staff Parking Lot).	\$48,400
29	Traffic Safety Improvements	Main Bldg.	Student Parking Lot - Paving	Auto-duty asphalt.	\$250,250
30	Traffic Safety Improvements	Main Bldg.	Student Parking Lot - Site Drainage and Stormwater Management	Includes drainage swales, storm sewer piping and structures and stormwater quality and quantity practices. Assumes above ground detention adjacent to wetlands.	\$53,625
31	Traffic Safety Improvements	Main Bldg.	Student Parking Lot - Concrete Sidewalk	With integral curb (between Student Parking Lot and Parent Drop Off).	\$11,000
32	Traffic Safety Improvements	Main Bldg.	Student Parking Lot - ADA Curb Cuts	Detectable warning plates (between Student Parking Lot and Parent Drop Off).	\$3,850
33	Traffic Safety Improvements	Main Bldg.	Student Parking Lot - Ornamental Fencing	Ornamental fencing at Bus Loop curbed island (Between Bus Loop and Staff Parking Lot).	\$30,800
34	Traffic Safety Improvements	Main Bldg.	General Improvements - Erosion Control / Temporary Measures for SPDES Compliance	Includes temporary measures for SPDES compliance.	\$11,000
35	Traffic Safety Improvements	Main Bldg.	General Improvements - Site Demolition	Demolition of existing asphalt paving / saw cutting of pavement / feature removal, etc. Pavement:	\$33,000
36	Traffic Safety Improvements	Main Bldg.	General Improvements - Earthwork and Grading	Includes earthwork to adjust grades and import fill.	\$33,000

Item No.	Project Cornerstone	Building	Item	Description	Project Cost Priority 1
37	Traffic Safety Improvements	Main Bldg.	General Improvements - Traffic Control Striping, Traffic Signage	Includes painted ADA and traffic striping and general site signage.	\$22,000
38	Traffic Safety Improvements	Main Bldg.	General Improvements	Miscellaneous Site Improvements	\$11,000
39	Traffic Safety Improvements	Main Bldg.	General Improvements - Parking Lot Lighting	Provide ten new freestanding LED parking lot lights on poles at drop-off loop and parking lots.	\$220,000
40	Athletic Field Upgrades	Main Bldg.	Erosion Control / SPDES Compliance	Includes temporary measures for SPDES compliance	\$16,500
41	Athletic Field Upgrades	Main Bldg.	Demolition of Existing Track	Includes demolition and removal of existing track resilient surface and asphalt paving.	\$58,080
42	Athletic Field Upgrades	Main Bldg.	Earthwork and Grading	Includes earthwork to adjust grades and import fill as required to achieve desired elevations.	\$264,000
43	Athletic Field Upgrades	Main Bldg.	Retaining Wall and Fencing	Precast concrete block retaining wall with 4' tall black vinyl-coated chain link fence.	\$33,000
44	Athletic Field Upgrades	Main Bldg.	Stormwater Management	Includes drainage swales, storm sewer system and stormwater quality and quantity practices.	\$82,500
45	Athletic Field Upgrades	Main Bldg.	Grading and Asphalt Paving	6-lane track with 6-lane straight and 2 D-Zones (typical asphalt paving section).	\$389,400
46	Athletic Field Upgrades	Main Bldg.	Resilient Surface	New Double Bend, 6-lane running track with 6-lane straight (no steeplechase) and resilient surface two D-Zones.	\$421,850
47	Athletic Field Upgrades	Main Bldg.	Trench Drain	Trench drain along interior circumference of track.	\$137,500
48	Athletic Field Upgrades	Main Bldg.	Additional Resilient Surfacing	Resilient surfacing for long jump / triple jump / high jump areas.	\$36,465
49	Athletic Field Upgrades	Main Bldg.	Misc. Asphalt Paving	Auto-duty paving for areas around new track / bleacher areas, long & triple jumps.	\$300,300
50	Athletic Field Upgrades	Main Bldg.	Perimeter Fencing	4 FT tall black vinyl coated chain link fence around perimeter of track.	\$59,400
51	Athletic Field Upgrades	Main Bldg.	Synthetic Turf Field	Synthetic turf system, consisting of 2.25" pile height, dual fiber hybrid system with 8/12 yr warranty, concrete curb nailer, flat panel drainage system, separation fabric, base and choker stone layers, carpet and sand/rubber infill, and line striping for 5 sports.	\$1,301,960
52	Athletic Field Upgrades	Main Bldg.	Synthetic Turf Resilient Underlayment Shock Pad	Underlayment pad cost is based on ECORE 10mm 100% SBR composite rubber pad 6010P.	\$143,000
53	Athletic Field Upgrades	Main Bldg.	Multisport Scoreboard at Track	Salvage and relocate existing multisport scoreboard that's in good condition, and steel substructure.	\$38,500
54	Athletic Field Upgrades	Main Bldg.	Visitors Bleachers	Salvage and relocate existing 200± capacity metal bleacher system, HC ramp, and steel substructure that's in good condition. Provide new heavy-duty asphalt pad.	\$49,500
55	Athletic Field Upgrades	Main Bldg.	Home Bleachers	Salvage and relocate existing 700± capacity metal bleacher system, HC ramp, and steel substructure that's in good condition. Provide new heavy-duty asphalt pad.	\$165,000
56	Athletic Field Upgrades	Main Bldg.	Press Box	Salvage and relocate existing press box and steel substructure that's in good condition. Locate behind home bleachers.	\$68,750
57	Athletic Field Upgrades	Main Bldg.	Ball Stopper Netting	30-ft high ball stopper netting at both D-Zones.	\$48,400

Item No.	Project Cornerstone	Building	Item	Description	Project Cost Priority 1
58	Athletic Field Upgrades	Main Bldg.	Discuss and Shotput Events	Shotput circle, surfacing and edging and discuss cage and pad.	\$27,500
59	Athletic Field Upgrades	Main Bldg.	Tennis Courts	5 new asphalt tennis courts with fencing and all associated components.	\$577,500
60	Athletic Field Upgrades	Main Bldg.	Stadium Lighting	4 new pole Musco Sports stadium lighting system. Inclusion within project is based on securing funding by other sources to cover the local share.	\$440,000
61	Infrastructure Upgrades	Bus Garage	Water Service	Remove buried copper water supply piping from K-12 Main Building and replace at a deeper elevation to correct pipe freezing issues.	\$33,000
62	Infrastructure Upgrades	Bus Garage	AST (Aboveground) Site Fuel Tanks	Provide new 10k gallon aboveground, fire-resistant tank with fire protection, dispenser and fuel management system on concrete pad for District vehicles and equipment. Provide new coverage over existing above ground containment dikes. Replace tank leak detection system at all above ground containment dikes.	\$170,500
63	Infrastructure Upgrades	Bus Garage	UST (Below ground) Site Fuel Tanks	To maintain DEC compliance of existing UST diesel system, remove and replace existing manway riser and manhole frame and cover.	\$44,000
64	Infrastructure Upgrades	Bus Garage	Site Electrical, Including Exterior Distribution	New pad mounted transformer, running new high voltage from existing utility pole to transformer, and running new 800 amp secondary electric conductors from transformer to a new 800 amp 120/208 volt 3-phase 4-wire Main Distribution Panel.	\$97,900
65	Infrastructure Upgrades	Bus Garage	Interior Doors	In the vehicle / storage bay nearest the office area, add new passage door as second means of egress from the space.	\$11,000
66	Infrastructure Upgrades	Bus Garage	Two Means of Egress	Add door to provide second means of egress from maintenance / storage bay to the north of the offices.	\$8,250
67	Infrastructure Upgrades	Bus Garage	Exterior Doors	Remove existing pair of HM exterior doors in HM frame, including hardware, that have reached the end of expected service life.	\$13,200
68	Infrastructure Upgrades	Bus Garage	Fire Alarm Systems	Provide new fire alarm system including detection in all required spaces.	\$28,600
69	Infrastructure Upgrades	Bus Garage	Smoke Detection Systems	Provide smoke detection in offices and storage spaces.	\$5,500
70	Infrastructure Upgrades	Main Bldg.	Roof Top Hood Replacement	Remove and replace select rooftop hoods used for both OA intake and relief air that are rusted or otherwise past their design life.	\$89,100
71	Infrastructure Upgrades	Main Bldg.	Power Exhaust Upgrade/Replacement:	Provide power exhaust to select spaces whose systems were non-functional, partially functional, or otherwise past their design life and inadequate.	\$77,000
72	Infrastructure Upgrades	Main Bldg.	Economizer Controls	Provide economizer control for all air handlers including UVs, not just as required by code for larger systems.	\$48,400
73	Infrastructure Upgrades	Main Bldg.	Testing & Balancing	Scope of work intended to include partial testing and balancing of system out to the terminal units. There are most likely areas with significantly higher flow than needed, and others that are just able to keep up as the piping is corroded, undersized, and lacking proper balancing and control valves.	\$88,000
74	Infrastructure Upgrades	Main Bldg.	Piping Replacement Areas F, G & H	Remove sections of undersized piping serving areas F, G, and H (first and second floor) that is older and is currently driving the system pumps to higher power input. Replace with appropriately sized piping.	\$275,000
75	Infrastructure Upgrades	CHES	Gym and Cafeteria Air Handling Units	Remove existing equipment approaching end of their expected useful life inside gym storage space that are very difficult to access for servicing. Replace with new rooftop units ("RTUs"), add control valves, and rebalance.	\$217,800
76	Infrastructure Upgrades	CHES	Exhaust Fans and Hoods	Replace as needed.	\$88,000

Item No.	Project Cornerstone	Building	Item	Description	Project Cost Priority 1
77	Infrastructure Upgrades	CHES	Rooftop Units	Remove three small existing small units approaching end of their expected useful life. Replace with new rooftop units, add control valves, and rebalance.	\$77,000
78	Infrastructure Upgrades	Main Bldg.	Interior Doors	Doors at various classroom locations are misaligned inhibiting proper closure, are visually worn beyond expected useful life, and some require a fire rating. At these locations, remove existing wood doors, hardware, and replace doors and hardware. Recess two doors exiting from HS Cafeteria 171 into corridor.	\$55,825
79	Infrastructure Upgrades	Main Bldg.	Exit Doors	At exterior doors C3 into MS/HS courtyard (by A/V ofc. 177), remove existing exit devices from exterior side of exterior doors to reduce the potential for exiting confusion in the event of an emergency, and provide appropriate door hardware.	\$5,500
80	Infrastructure Upgrades	Main Bldg.	Handrails	Provide code required handrails at ramps of 1st & 2nd floors at MS.	\$8,800
81	Infrastructure Upgrades	Main Bldg.	Two Means of Egress	Address egress concerns in the following spaces: A) In Computer 114A, add rescue window. B) For boys locker room adjacent to Band 113, add cross corridor pair of doors before stairs to Fitness Center. C) Rectify egress at ES 2nd floor near room 30 that has windows blocked by fire safety mechanism. D) In student occupied spaces 26, 27, ES130, 135, 200, 201, 213 & 215, add second means of egress that is otherwise potentially impeded by fire shutters at exterior window openings (if activated).	\$48,840
82	Infrastructure Upgrades	Main Bldg.	Auditorium Stage Flooring	Strip and refinish wood floor and apron of auditorium stage to improve durability and appearance.	\$13,200
83	Infrastructure Upgrades	Main Bldg.	Exterior Steps, Stairs and Ramps	Provide code required handrails at those ramps in corridors lacking them.	\$4,400
84	Infrastructure Upgrades	Main Bldg.	Rescue Windows	Provide "RW" rescue window stickers in various student occupied locations lacking them.	\$1,100
85	Infrastructure Upgrades	Main Bldg.	Roofs and Skylights	Remove approx. 5k sf of roofing approaching the end of its expected useful life, and replace with a system consisting of layers of flat / tapered polyisocyanurate insulation, ½" cover board, and single-ply fully-adhered 60 mil EPDM, including roof edge fascia metal.	\$97,625
86	Infrastructure Upgrades	Main Bldg.	Water Analysis / Testing and Fixture Replacement Allowance	Plumbing faucets and fountains installed prior to The Federal "Reduction of Lead in Drinking Water Act" of 2011 have a likelihood of lead materials present in the drinking water path. Overall, the majority of results are below the action level of 15 ppb. Test Miscellaneous plumbing fixtures are above the action level and should be replaced.	\$82,500
87	Infrastructure Upgrades	Main Bldg.	Fire Alarm Systems	Upgrade fire alarm system that is still on the zoned system to be addressable.	\$99,000
88	Infrastructure Upgrades	Main Bldg.	Strobes	Provide fire alarm strobe lights in all student occupied spaces.	\$96,800
89	Infrastructure Upgrades	Main Bldg.	Toilet Rooms	Existing toilets within K and 1st & 2nd Grade spaces do not comply with current handicapped accessibility requirements. Budget is to replace one toilet per grade level to meet current standards.	\$115,500
90	Infrastructure Upgrades	Main Bldg.	Classroom Sinks	At various classroom locations, remove existing countertop / backsplash with sinks and base units, and replace with new SS ADA accessible sinks and faucets in solid surface countertops / backsplashes atop new base units. Spaces include classrooms in K, 1st, 2nd, 4th & 5th Grades, and Areas F & G.	\$138,050

Item No.	Project Cornerstone	Building	Item	Description	Project Cost Priority 1
91	Infrastructure Upgrades	Main Bldg.	ADA Grab Bars	Provide ADA grab bars at 27 locations.	\$6,237
92	Infrastructure Upgrades	Main Bldg.	LGI Corridor Study Area	In conjunction with the proposed LGI work, consider creation of small group and individual study areas with student display areas, seating, and charging stations within corridor of ramped corridor by 8th Gr. Science.	\$110,000
93	Infrastructure Upgrades	Main Bldg.	Room Name / Number Designations	Consider adding a building-wide room identification signage package to comply with the NYS Building Code and the SED requirements.	\$24,200
94	Infrastructure Upgrades	Main Bldg.	Casework - UV shelving	Remove worn and /or damaged unit ventilator shelving at various locations.	\$59,400
95	Infrastructure Upgrades	Main Bldg.	Countertops	A) Remove existing countertop & backspash, including sinks. Replace with new solid surfacing and SS ADA accessible sinks & faucets. Locations include: ES clrms. 1, 2, 3, 4, 5, 6, 7, 8, Lib. 12, Music 13, 20, 21, 22, 23, 24, 25, 26, 27. B) Remove existing countertop & backsplash, including sinks, and base units. Replace with new solid surfacing and SS ADA accessible sinks & faucets and plam base units. Locations include: Art Stor. 132A.	\$45,540
96	Infrastructure Upgrades	Main Bldg.	Power Panels and Circuit Wiring	Replace the remaining panels that are original to the construction of the facility with new circuit breaker panels.	\$82,500
97	Infrastructure Upgrades	Main Bldg.	Kitchen Receiving Exterior Canopy	Consider adding a simple painted structural steel canopy with protective masonry knee walls and concrete slab at kitchen area near generator to provide covered exterior protection of deliveries from inclement weather.	\$137,500
98	Infrastructure Upgrades	Main Bldg.	Kitchen Exterior Walk-In Freezer	Consider adding a modularly constructed, freestanding, exterior walk-in freezer system. Visually screen with partial height masonry wall.	\$77,000
99	Infrastructure Upgrades	CHES	Fencing / Gates	Provide new 4 ft high chain link fence on western property line for site separation from adjacent neighbor / wooded area.	\$22,000
100	Infrastructure Upgrades	CHES	Foundation	Address miscellaneous cracks and spalling in foundation walls throughout building.	\$6,600
101	Infrastructure Upgrades	CHES	Masonry Wall Ties	Address miscellaneous shifted or damaged masonry veneer throughout building.	\$4,400
102	Infrastructure Upgrades	CHES	Interior Doors	Classroom doors have closers and lever sets, but sidelights and door glazing is not fire-rated.	\$10,560
103	Infrastructure Upgrades	CHES	Interior Doors - Egress Hardware	At (8) interior doors from Gymnasia 120A & 120B, Cafeteria 125, Multi-Purpose 135, and Stage 136, remove existing door hardware and replace with appropriate exit devices.	\$15,400
104	Infrastructure Upgrades	CHES	Door Closers	Provide door closers and/or electromagnetic hold-opens tied into the fire alarm system on doors in fire-rated openings or at openings into corridors (32 doors).	\$17,600
105	Infrastructure Upgrades	CHES	Evidence of Structural Concerns with Exterior Cladding	Restore brick masonry including repointing and repair of damaged or cracked masonry units at various locations throughout the building.	\$24,805
106	Infrastructure Upgrades	CHES	Exterior Doors	Replace existing doors with single-pane Glazing (Select doors in Cafeteria, Corridor 102, Lobby 166 and Stair 186).	\$44,880
107	Infrastructure Upgrades	CHES	Exterior Doors - Egress Hardware	At four existing exterior doors from Gymnasia 120A & 120B and Cafeteria 125, remove existing door hardware and replace with appropriate exit devices.	\$7,700

Item No.	Project Cornerstone	Building	Item	Description	Project Cost Priority 1
108	Infrastructure Upgrades	CHES	Water Analysis / Testing and Fixture Replacement Allowance	Plumbing faucets and fountains installed prior to The Federal "Reduction of Lead in Drinking Water Act" of 2011 have a likelihood of lead materials present in the drinking water path. Overall, the majority of results are below the action level of 15 ppb. Test Miscellaneous plumbing fixtures are above the action level and should be replaced.	\$38,500
109	Infrastructure Upgrades	CHES	Strobes	Provide fire alarm strobe lights in all student occupied spaces.	\$47,300
110	Infrastructure Upgrades	CHES	Room Name / Number Designations	Consider adding a building-wide room identification signage package to comply with the NYS Building Code and the SED requirements.	\$6,050
111	Infrastructure Upgrades	CHES	Operable Partitions - Gymnasium	Of the two existing operable partitions, replace one door's safety equipment. Remove the other existing operable partition between Gym 135/120A and 120A/120B, and replace with an powered, overhead supported, center roll-up divider curtain.	\$55,000
112	Infrastructure Upgrades	CHES	Emergency Generator	Expand coverage of system.	\$55,000
113	Infrastructure Upgrades	CHES	Exterior PA System	Provide exterior PA speaker horns with high enough output to project to all play fields/playground spaces and parking areas.	\$5,500
114	Infrastructure Upgrades	CHES	Water Infiltration - Classrooms	Classrooms 113, 114, 115, 116, 315, 316, 317, 318, replace failing windows with new horz. sliding aluminum windows with new sill flashings and drip edges. Reconstruct first floor soffits.	\$140,800
115	Infrastructure Upgrades	DO	Parking Lots Lighting	Provide new LED parking lot lighting to address site safety concerns.	\$29,700
116	Infrastructure Upgrades	DO	Water Analysis / Testing and Fixture Replacement Allowance	Plumbing faucets and fountains installed prior to The Federal "Reduction of Lead in Drinking Water Act" of 2011 have a likelihood of lead materials present in the drinking water path. Overall, the majority of results are below the action level of 15 ppb. Test Miscellaneous plumbing fixtures are above the action level and should be replaced.	\$5,500

BEEKMANTOWN CENTRAL SCHOOL DISTRICT
37 EAGLE WAY, WEST CHAZY, NEW YORK



SUMMARY OF PROPOSED WORK

Rev. 1/28/2017

Item No.	Project Cornerstone	Building	Item	Description	Project Cost Priority 1
1	Ed. Space Enhancements	Main Bldg.	New ES Cafeteria	Create separate, dedicated elementary school cafeteria and gymnasium spaces.	\$719,125
2	Ed. Space Enhancements	Main Bldg.	New Large Group Instruction ("LGI")	Create a flexible, multi-purpose LGI space outfitted with latest technology, primarily for MS use with capacity to accommodate an entire grade of approximately 200 persons.	\$816,750
3	Ed. Space Enhancements	Main Bldg.	Auditorium / Library Media Center Study Commons	Create small group and individual study areas with student display areas, seating, and charging stations within corridor of ramped corridor between Auditorium and Media Center 180.	\$387,750
4	Ed. Space Enhancements	Main Bldg.	Main Bldg. Auditorium House Lighting Enhancements	Provide improvements to the existing auditorium house lighting system in order to better light distribution and brightness based on multi-use aspect of the space as a classroom.	\$33,000
5	Ed. Space Enhancements	Main Bldg.	ES Main Entry Enhancements	Consider creation of more secure vestibule at ES main entrance that requires visitors to go through the ES main office before gaining access to the rest of the building.	\$533,500
6	Ed. Space Enhancements	Main Bldg.	ES Special Education / Music Relocation	Consider switching what is currently the Sp. Ed. 12:1:3 program housed on the 2nd floor with the current Music program located in room 13 on the 1st floor.	\$429,000
7	Ed. Space Enhancements	Main Bldg.	Multipurpose Classroom	Consider creation of multipurpose classroom that can be used as both a standard interchangeable classroom and double as a science space (Math 165?).	\$66,000
8	Ed. Space Enhancements	Main Bldg.	Additional Educational Space Enhancements	Exact scope to be determined.	\$770,000
9	Ed. Space Enhancements	CHES	New STEM Lab	Repurpose what is currently Computer 308 on the 2nd floor adjacent to the library and transforming into Maker Space.	\$111,375
10	Ed. Space Enhancements	CHES	CHES Stage Technology Enhancements	Provide various technological enhancements, including adding a potential drop-down monitor.	\$55,000
11	Traffic Safety Improvements	Main Bldg.	Main Driveway - Paving	Heavy-duty asphalt at Main Drive to Student Parking Lot, Parent Drop-off, Staff Parking Lot, and Bus Loop	\$198,000
12	Traffic Safety Improvements	Main Bldg.	Main Driveway - Site Drainage and Stormwater Management	Includes drainage swales, storm sewer piping and structures and stormwater quality and quantity practices. Assumes above ground detention adjacent to wetlands.	\$35,750
13	Traffic Safety Improvements	Main Bldg.	Bus Loop - Paving	Heavy-duty asphalt.	\$22,688
14	Traffic Safety Improvements	Main Bldg.	Bus Loop - Site Drainage and Stormwater Management	Includes drainage swales, storm sewer piping and structures and stormwater quality and quantity practices. Assumes above ground detention adjacent to wetlands.	\$53,625
15	Traffic Safety Improvements	Main Bldg.	Bus Loop - Concrete Sidewalk	With integral curb.	\$16,500
16	Traffic Safety Improvements	Main Bldg.	Bus Loop - ADA Curb Cuts	Detectable warning plates.	\$3,850

Item No.	Project Cornerstone	Building	Item	Description	Project Cost Priority 1
17	Traffic Safety Improvements	Main Bldg.	Bus Loop - Stand Alone Curbing	At lawn areas.	\$7,563
18	Traffic Safety Improvements	Main Bldg.	Parent Drop Off - Paving	Heavy-duty asphalt.	\$20,625
19	Traffic Safety Improvements	Main Bldg.	Parent Drop Off - Site Drainage and Stormwater Management	Includes drainage swales, storm sewer piping and structures and stormwater quality and quantity practices. Assumes above ground detention adjacent to wetlands.	\$21,450
20	Traffic Safety Improvements	Main Bldg.	Parent Drop Off - Concrete Sidewalk	With integral curb (between Parent Drop Off and Main Bldg.).	\$98,533
21	Traffic Safety Improvements	Main Bldg.	Parent Drop Off - ADA Curb Cuts	Detectable warning plates.	\$3,850
22	Traffic Safety Improvements	Main Bldg.	Parent Drop Off - Stand Alone Curbing	At lawn areas.	\$3,630
23	Traffic Safety Improvements	Main Bldg.	Staff Parking - Paving (HC Lot)	Auto-duty asphalt at Staff Parking Lot.	\$78,650
24	Traffic Safety Improvements	Main Bldg.	Staff Parking - Paving (North Entrance)	Auto-duty Asphalt.	\$44,688
25	Traffic Safety Improvements	Main Bldg.	Staff Parking - Site Drainage and Stormwater Management	Includes drainage swales, storm sewer piping and structures and stormwater quality and quantity practices. Assumes above ground detention adjacent to wetlands.	\$53,625
26	Traffic Safety Improvements	Main Bldg.	Staff Parking - Concrete Sidewalk	With integral curb.	\$72,655
27	Traffic Safety Improvements	Main Bldg.	Staff Parking - ADA Curb Cuts	Detectable warning plates.	\$7,700
28	Traffic Safety Improvements	Main Bldg.	Staff Parking - Ornamental Fencing	Ornamental fencing at Bus Loop curbed island (Between Bus Loop and Staff Parking Lot).	\$48,400
29	Traffic Safety Improvements	Main Bldg.	Student Parking Lot - Paving	Auto-duty asphalt.	\$250,250
30	Traffic Safety Improvements	Main Bldg.	Student Parking Lot - Site Drainage and Stormwater Management	Includes drainage swales, storm sewer piping and structures and stormwater quality and quantity practices. Assumes above ground detention adjacent to wetlands.	\$53,625
31	Traffic Safety Improvements	Main Bldg.	Student Parking Lot - Concrete Sidewalk	With integral curb (between Student Parking Lot and Parent Drop Off).	\$11,000
32	Traffic Safety Improvements	Main Bldg.	Student Parking Lot - ADA Curb Cuts	Detectable warning plates (between Student Parking Lot and Parent Drop Off).	\$3,850
33	Traffic Safety Improvements	Main Bldg.	Student Parking Lot - Ornamental Fencing	Ornamental fencing at Bus Loop curbed island (Between Bus Loop and Staff Parking Lot).	\$30,800
34	Traffic Safety Improvements	Main Bldg.	General Improvements - Erosion Control / Temporary Measures for SPDES Compliance	Includes temporary measures for SPDES compliance.	\$11,000
35	Traffic Safety Improvements	Main Bldg.	General Improvements - Site Demolition	Demolition of existing asphalt paving / saw cutting of pavement / feature removal, etc. Pavement:	\$33,000
36	Traffic Safety Improvements	Main Bldg.	General Improvements - Earthwork and Grading	Includes earthwork to adjust grades and import fill.	\$33,000

Item No.	Project Cornerstone	Building	Item	Description	Project Cost Priority 1
37	Traffic Safety Improvements	Main Bldg.	General Improvements - Traffic Control Striping, Traffic Signage	Includes painted ADA and traffic striping and general site signage.	\$22,000
38	Traffic Safety Improvements	Main Bldg.	General Improvements	Miscellaneous Site Improvements	\$11,000
39	Traffic Safety Improvements	Main Bldg.	General Improvements - Parking Lot Lighting	Provide ten new freestanding LED parking lot lights on poles at drop-off loop and parking lots.	\$220,000
40	Athletic Field Upgrades	Main Bldg.	Erosion Control / SPDES Compliance	Includes temporary measures for SPDES compliance	\$16,500
41	Athletic Field Upgrades	Main Bldg.	Demolition of Existing Track	Includes demolition and removal of existing track resilient surface and asphalt paving.	\$58,080
42	Athletic Field Upgrades	Main Bldg.	Earthwork and Grading	Includes earthwork to adjust grades and import fill as required to achieve desired elevations.	\$264,000
43	Athletic Field Upgrades	Main Bldg.	Retaining Wall and Fencing	Precast concrete block retaining wall with 4' tall black vinyl-coated chain link fence.	\$33,000
44	Athletic Field Upgrades	Main Bldg.	Stormwater Management	Includes drainage swales, storm sewer system and stormwater quality and quantity practices.	\$82,500
45	Athletic Field Upgrades	Main Bldg.	Grading and Asphalt Paving	6-lane track with 6-lane straight and 2 D-Zones (typical asphalt paving section).	\$389,400
46	Athletic Field Upgrades	Main Bldg.	Resilient Surface	New Double Bend, 6-lane running track with 6-lane straight (no steeplechase) and resilient surface two D-Zones.	\$421,850
47	Athletic Field Upgrades	Main Bldg.	Trench Drain	Trench drain along interior circumference of track.	\$137,500
48	Athletic Field Upgrades	Main Bldg.	Additional Resilient Surfacing	Resilient surfacing for long jump / triple jump / high jump areas.	\$36,465
49	Athletic Field Upgrades	Main Bldg.	Misc. Asphalt Paving	Auto-duty paving for areas around new track / bleacher areas, long & triple jumps.	\$300,300
50	Athletic Field Upgrades	Main Bldg.	Perimeter Fencing	4 FT tall black vinyl coated chain link fence around perimeter of track.	\$59,400
51	Athletic Field Upgrades	Main Bldg.	Synthetic Turf Field	Synthetic turf system, consisting of 2.25" pile height, dual fiber hybrid system with 8/12 yr warranty, concrete curb nailer, flat panel drainage system, separation fabric, base and choker stone layers, carpet and sand/rubber infill, and line striping for 5 sports.	\$1,301,960
52	Athletic Field Upgrades	Main Bldg.	Synthetic Turf Resilient Underlayment Shock Pad	Underlayment pad cost is based on ECORE 10mm 100% SBR composite rubber pad 6010P.	\$143,000
53	Athletic Field Upgrades	Main Bldg.	Multisport Scoreboard at Track	Salvage and relocate existing multisport scoreboard that's in good condition, and steel substructure.	\$38,500
54	Athletic Field Upgrades	Main Bldg.	Visitors Bleachers	Salvage and relocate existing 200± capacity metal bleacher system, HC ramp, and steel substructure that's in good condition. Provide new heavy-duty asphalt pad.	\$49,500
55	Athletic Field Upgrades	Main Bldg.	Home Bleachers	Salvage and relocate existing 700± capacity metal bleacher system, HC ramp, and steel substructure that's in good condition. Provide new heavy-duty asphalt pad.	\$165,000
56	Athletic Field Upgrades	Main Bldg.	Press Box	Salvage and relocate existing press box and steel substructure that's in good condition. Locate behind home bleachers.	\$68,750
57	Athletic Field Upgrades	Main Bldg.	Ball Stopper Netting	30-ft high ball stopper netting at both D-Zones.	\$48,400

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58	Athletic Field Upgrades	Main Bldg.	Discuss and Shotput Events	Shotput circle, surfacing and edging and discuss cage and pad.	\$27,500
59	Athletic Field Upgrades	Main Bldg.	Tennis Courts	5 new asphalt tennis courts with fencing and all associated components.	\$577,500
60	Athletic Field Upgrades	Main Bldg.	Stadium Lighting	4 new pole Musco Sports stadium lighting system. Inclusion within project is based on securing funding by other sources to cover the local share.	\$440,000
61	Infrastructure Upgrades	Bus Garage	Water Service	Remove buried copper water supply piping from K-12 Main Building and replace at a deeper elevation to correct pipe freezing issues.	\$33,000
62	Infrastructure Upgrades	Bus Garage	AST (Aboveground) Site Fuel Tanks	Provide new 10k gallon aboveground, fire-resistant tank with fire protection, dispenser and fuel management system on concrete pad for District vehicles and equipment. Provide new coverage over existing above ground containment dikes. Replace tank leak detection system at all above ground containment dikes.	\$170,500
63	Infrastructure Upgrades	Bus Garage	UST (Below ground) Site Fuel Tanks	To maintain DEC compliance of existing UST diesel system, remove and replace existing manway riser and manhole frame and cover.	\$44,000
64	Infrastructure Upgrades	Bus Garage	Site Electrical, Including Exterior Distribution	New pad mounted transformer, running new high voltage from existing utility pole to transformer, and running new 800 amp secondary electric conductors from transformer to a new 800 amp 120/208 volt 3-phase 4-wire Main Distribution Panel.	\$97,900
65	Infrastructure Upgrades	Bus Garage	Interior Doors	In the vehicle / storage bay nearest the office area, add new passage door as second means of egress from the space.	\$11,000
66	Infrastructure Upgrades	Bus Garage	Two Means of Egress	Add door to provide second means of egress from maintenance / storage bay to the north of the offices.	\$8,250
67	Infrastructure Upgrades	Bus Garage	Exterior Doors	Remove existing pair of HM exterior doors in HM frame, including hardware, that have reached the end of expected service life.	\$13,200
68	Infrastructure Upgrades	Bus Garage	Fire Alarm Systems	Provide new fire alarm system including detection in all required spaces.	\$28,600
69	Infrastructure Upgrades	Bus Garage	Smoke Detection Systems	Provide smoke detection in offices and storage spaces.	\$5,500
70	Infrastructure Upgrades	Main Bldg.	Roof Top Hood Replacement	Remove and replace select rooftop hoods used for both OA intake and relief air that are rusted or otherwise past their design life.	\$89,100
71	Infrastructure Upgrades	Main Bldg.	Power Exhaust Upgrade/Replacement:	Provide power exhaust to select spaces whose systems were non-functional, partially functional, or otherwise past their design life and inadequate.	\$77,000
72	Infrastructure Upgrades	Main Bldg.	Economizer Controls	Provide economizer control for all air handlers including UVs, not just as required by code for larger systems.	\$48,400
73	Infrastructure Upgrades	Main Bldg.	Testing & Balancing	Scope of work intended to include partial testing and balancing of system out to the terminal units. There are most likely areas with significantly higher flow than needed, and others that are just able to keep up as the piping is corroded, undersized, and lacking proper balancing and control valves.	\$88,000
74	Infrastructure Upgrades	Main Bldg.	Piping Replacement Areas F, G & H	Remove sections of undersized piping serving areas F, G, and H (first and second floor) that is older and is currently driving the system pumps to higher power input. Replace with appropriately sized piping.	\$275,000
75	Infrastructure Upgrades	CHES	Gym and Cafeteria Air Handling Units	Remove existing equipment approaching end of their expected useful life inside gym storage space that are very difficult to access for servicing. Replace with new rooftop units ("RTUs"), add control valves, and rebalance.	\$217,800
76	Infrastructure Upgrades	CHES	Exhaust Fans and Hoods	Replace as needed.	\$88,000

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77	Infrastructure Upgrades	CHES	Rooftop Units	Remove three small existing small units approaching end of their expected useful life. Replace with new rooftop units, add control valves, and rebalance.	\$77,000
78	Infrastructure Upgrades	Main Bldg.	Interior Doors	Doors at various classroom locations are misaligned inhibiting proper closure, are visually worn beyond expected useful life, and some require a fire rating. At these locations, remove existing wood doors, hardware, and replace doors and hardware. Recess two doors exiting from HS Cafeteria 171 into corridor.	\$55,825
79	Infrastructure Upgrades	Main Bldg.	Exit Doors	At exterior doors C3 into MS/HS courtyard (by A/V ofc. 177), remove existing exit devices from exterior side of exterior doors to reduce the potential for exiting confusion in the event of an emergency, and provide appropriate door hardware.	\$5,500
80	Infrastructure Upgrades	Main Bldg.	Handrails	Provide code required handrails at ramps of 1st & 2nd floors at MS.	\$8,800
81	Infrastructure Upgrades	Main Bldg.	Two Means of Egress	Address egress concerns in the following spaces: A) In Computer 114A, add rescue window. B) For boys locker room adjacent to Band 113, add cross corridor pair of doors before stairs to Fitness Center. C) Rectify egress at ES 2nd floor near room 30 that has windows blocked by fire safety mechanism. D) In student occupied spaces 26, 27, ES130, 135, 200, 201, 213 & 215, add second means of egress that is otherwise potentially impeded by fire shutters at exterior window openings (if activated).	\$48,840
82	Infrastructure Upgrades	Main Bldg.	Auditorium Stage Flooring	Strip and refinish wood floor and apron of auditorium stage to improve durability and appearance.	\$13,200
83	Infrastructure Upgrades	Main Bldg.	Exterior Steps, Stairs and Ramps	Provide code required handrails at those ramps in corridors lacking them.	\$4,400
84	Infrastructure Upgrades	Main Bldg.	Rescue Windows	Provide "RW" rescue window stickers in various student occupied locations lacking them.	\$1,100
85	Infrastructure Upgrades	Main Bldg.	Roofs and Skylights	Remove approx. 5k sf of roofing approaching the end of its expected useful life, and replace with a system consisting of layers of flat / tapered polyisocyanurate insulation, ½" cover board, and single-ply fully-adhered 60 mil EPDM, including roof edge fascia metal.	\$97,625
86	Infrastructure Upgrades	Main Bldg.	Water Analysis / Testing and Fixture Replacement Allowance	Plumbing faucets and fountains installed prior to The Federal "Reduction of Lead in Drinking Water Act" of 2011 have a likelihood of lead materials present in the drinking water path. Overall, the majority of results are below the action level of 15 ppb. Test Miscellaneous plumbing fixtures are above the action level and should be replaced.	\$82,500
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88	Infrastructure Upgrades	Main Bldg.	Strobes	Provide fire alarm strobe lights in all student occupied spaces.	\$96,800
89	Infrastructure Upgrades	Main Bldg.	Toilet Rooms	Existing toilets within K and 1st & 2nd Grade spaces do not comply with current handicapped accessibility requirements. Budget is to replace one toilet per grade level to meet current standards.	\$115,500
90	Infrastructure Upgrades	Main Bldg.	Classroom Sinks	At various classroom locations, remove existing countertop / backsplash with sinks and base units, and replace with new SS ADA accessible sinks and faucets in solid surface countertops / backsplashes atop new base units. Spaces include classrooms in K, 1st, 2nd, 4th & 5th Grades, and Areas F & G.	\$138,050

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92	Infrastructure Upgrades	Main Bldg.	LGI Corridor Study Area	In conjunction with the proposed LGI work, consider creation of small group and individual study areas with student display areas, seating, and charging stations within corridor of ramped corridor by 8th Gr. Science.	\$110,000
93	Infrastructure Upgrades	Main Bldg.	Room Name / Number Designations	Consider adding a building-wide room identification signage package to comply with the NYS Building Code and the SED requirements.	\$24,200
94	Infrastructure Upgrades	Main Bldg.	Casework - UV shelving	Remove worn and /or damaged unit ventilator shelving at various locations.	\$59,400
95	Infrastructure Upgrades	Main Bldg.	Countertops	A) Remove existing countertop & backspash, including sinks. Replace with new solid surfacing and SS ADA accessible sinks & faucets. Locations include: ES clrms. 1, 2, 3, 4, 5, 6, 7, 8, Lib. 12, Music 13, 20, 21, 22, 23, 24, 25, 26, 27. B) Remove existing countertop & backsplash, including sinks, and base units. Replace with new solid surfacing and SS ADA accessible sinks & faucets and plam base units. Locations include: Art Stor. 132A.	\$45,540
96	Infrastructure Upgrades	Main Bldg.	Power Panels and Circuit Wiring	Replace the remaining panels that are original to the construction of the facility with new circuit breaker panels.	\$82,500
97	Infrastructure Upgrades	Main Bldg.	Kitchen Receiving Exterior Canopy	Consider adding a simple painted structural steel canopy with protective masonry knee walls and concrete slab at kitchen area near generator to provide covered exterior protection of deliveries from inclement weather.	\$137,500
98	Infrastructure Upgrades	Main Bldg.	Kitchen Exterior Walk-In Freezer	Consider adding a modularly constructed, freestanding, exterior walk-in freezer system. Visually screen with partial height masonry wall.	\$77,000
99	Infrastructure Upgrades	CHES	Fencing / Gates	Provide new 4 ft high chain link fence on western property line for site separation from adjacent neighbor / wooded area.	\$22,000
100	Infrastructure Upgrades	CHES	Foundation	Address miscellaneous cracks and spalling in foundation walls throughout building.	\$6,600
101	Infrastructure Upgrades	CHES	Masonry Wall Ties	Address miscellaneous shifted or damaged masonry veneer throughout building.	\$4,400
102	Infrastructure Upgrades	CHES	Interior Doors	Classroom doors have closers and lever sets, but sidelights and door glazing is not fire-rated.	\$10,560
103	Infrastructure Upgrades	CHES	Interior Doors - Egress Hardware	At (8) interior doors from Gymnasia 120A & 120B, Cafeteria 125, Multi-Purpose 135, and Stage 136, remove existing door hardware and replace with appropriate exit devices.	\$15,400
104	Infrastructure Upgrades	CHES	Door Closers	Provide door closers and/or electromagnetic hold-opens tied into the fire alarm system on doors in fire-rated openings or at openings into corridors (32 doors).	\$17,600
105	Infrastructure Upgrades	CHES	Evidence of Structural Concerns with Exterior Cladding	Restore brick masonry including repointing and repair of damaged or cracked masonry units at various locations throughout the building.	\$24,805
106	Infrastructure Upgrades	CHES	Exterior Doors	Replace existing doors with single-pane Glazing (Select doors in Cafeteria, Corridor 102, Lobby 166 and Stair 186).	\$44,880
107	Infrastructure Upgrades	CHES	Exterior Doors - Egress Hardware	At four existing exterior doors from Gymnasia 120A & 120B and Cafeteria 125, remove existing door hardware and replace with appropriate exit devices.	\$7,700

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109	Infrastructure Upgrades	CHES	Strobes	Provide fire alarm strobe lights in all student occupied spaces.	\$47,300
110	Infrastructure Upgrades	CHES	Room Name / Number Designations	Consider adding a building-wide room identification signage package to comply with the NYS Building Code and the SED requirements.	\$6,050
111	Infrastructure Upgrades	CHES	Operable Partitions - Gymnasium	Of the two existing operable partitions, replace one door's safety equipment. Remove the other existing operable partition between Gym 135/120A and 120A/120B, and replace with an powered, overhead supported, center roll-up divider curtain.	\$55,000
112	Infrastructure Upgrades	CHES	Emergency Generator	Expand coverage of system.	\$55,000
113	Infrastructure Upgrades	CHES	Exterior PA System	Provide exterior PA speaker horns with high enough output to project to all play fields/playground spaces and parking areas.	\$5,500
114	Infrastructure Upgrades	CHES	Water Infiltration - Classrooms	Classrooms 113, 114, 115, 116, 315, 316, 317, 318, replace failing windows with new horz. sliding aluminum windows with new sill flashings and drip edges. Reconstruct first floor soffits.	\$140,800
115	Infrastructure Upgrades	DO	Parking Lots Lighting	Provide new LED parking lot lighting to address site safety concerns.	\$29,700
116	Infrastructure Upgrades	DO	Water Analysis / Testing and Fixture Replacement Allowance	Plumbing faucets and fountains installed prior to The Federal "Reduction of Lead in Drinking Water Act" of 2011 have a likelihood of lead materials present in the drinking water path. Overall, the majority of results are below the action level of 15 ppb. Test Miscellaneous plumbing fixtures are above the action level and should be replaced.	\$5,500

3) Next Steps – Capital Project

Discussion regarding the makeup of the various teams at building and district level. Discussion included participation of board members as inquired by Board Member Michael Hagadorn. Mr. Hamlin explained all subcommittee/teams would bring the recommendations to the Operations committee and Board of Education and if the Board of Education wants more information or modifications, they would direct the subcommittees to provide or consider this request for possible revisions.

These groups need to come next week prepared to offer feedback on the two (2) day work sessions scheduled for 2/15/17 & 2/16/17 and Tetra Tech will take this info back to Operations Committee.

Superintendent Mannix asked when the full Board of Education could receive updates. Mr. Hamlin suggested at the monthly Board of Education meetings an update would be provided. The board meeting in April, Mr. Hamlin will not be in the country. Another meeting could be added in April/May for updates. The Superintendent suggested there are additional meetings for budget as well, so these would dovetail.

Mr. James Bouffard passed out the schedule roadmap to outline key dates between now and Sept '17 as a general outline. Mr. Hamlin then spoke about the various faces of the team at Tetra Tech assigned to this project. This will require close collaboration and coordination. There are many people who support Mr. Hamlin, Mr. Bouffard and Mr. Farlow at Tetra Tech.

Mr. Hamlin spoke of another Team member i.e. Construction Manager or Clerk of Works. The Superintendent asked about the RFP process. This is a high priority to get this RFP out within the next two weeks to advertise with anticipated interviews within 5 weeks.

Board Member Hagadorn asked about how the Construction Manager works. This role works directly with the owner and provides the construction schedule, phase and timelines and estimates the project. The costs are included in the incidental budget line in the project. Mr. Hamlin drew a diagram illustrating the Owner to Architectural and Engineering services to Construction Manager to Contractors. School Business Executive added the importance to include a Construction Manager to include exposure for this person during the EPC phase to gain an understanding of what is happening in various areas under each project.

Discussion about NYSED's turnaround time for review of the plan and specs is estimated at six (6) months now, but always subject to change. Roseanne Groff is Interim Director at NYSED.

The Operations Committee asked Superintendent Mannix to invite two (2) members of the public/parents to the Operations Committee. The Superintendent was asked to start with Doug Beebe who recently expressed interest to serve on the Board of Education and with Neil Fesette.

4) Energy Performance Contract

SED approval is expected soon.

The next Operations Committee meeting is tentatively scheduled for March 8, 2017 4:30 p.m.

The meeting was declared adjourned at 5:50 p.m.

Respectfully Submitted,
Mary LaValley Blaine
School Business Executive