



Chenango Valley Central School District

Potential Capital Project

BCK-IBI Group Project No. 38209

October 23, 2017

Chenango Bridge Elementary School	
Phase 1	
Asphalt Pavement Reconstruction	Reconstruct asphalt parking located on west side of building including access drive.
Sidewalk Replacement	Replace cracked sections of concrete sidewalk.
Repoint Mortar	Repoint brick mortar joints at select areas and clean brick surface.
Lintel Repair	Remove surface rust and paint exterior lintels.
Roof Replacement	Replace small roof near loading dock with single ply roof membrane system.
Porcelain Panel Replacement	Provide new exterior panel above windows at rear of building.
Window Replacement	Replace windows throughout building.
Phase 2	
Structural Floor Repair	Remove surface rust on metal deck in basement and paint to prevent further corrosion.
Hollow Metal Door Replacement	Replace deteriorated hollow metal doors with FRP doors in aluminum frames.
Corridor Terrazzo Refinishing	Grind down terrazzo flooring in corridors.
Quarry Tile Replacement	Replace cracked quarry tile in specific locations.
Gymnasium Equipment Replacement	Replace gym scoreboards, wall padding and basketball backstop assemblies.
Arc Flash Study	Provide arc flash study and label all panelboards and required equipment. Clean main electrical gear.
Classroom LED Lighting	Upgrade classrooms to LED lighting with dimming control, daylight harvesting, and occupancy control.



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Classroom Power Pole Removal Remove power poles in existing classrooms.
Multi-Purpose Room Technology Upgrades Provide new sound system and projector in multi-purpose room.
Hot Water Distribution Piping Improvements Reconfigure pipe recirculating loop to get hot water to all parts of the building.
Hose Bibb Replacement Replace hose bibbs due to age of equipment.
Mixing Valve Replacement Replace mixing valve due to age. Provide unit with low flow capacity.
Backflow Preventer Add backflow preventer to boiler.
Makeup Water Meter Add makeup water meter to boiler.
Water Bottle Filler Replace one drinking fountains with water bottle filler.
Boiler Room Ventilation Add boiler room ventilation.
Heat Pump Replacement Replace obsolete heat pumps due to age.
Gas Piping Support Replacement At rooftop units, replace natural gas piping supports on the roof.
Crawl Space Ventilation Provided tempered mechanical ventilation in the crawlspace to help reduce the amount of moisture.
Exit Discharge Lighting Add emergency exterior fixtures at exits.
Accessible Signage Provide accessible signage.
Cabinetry Replacement Consider replacement of all plastic laminate cabinetry with new laminate cabinets and solid surfacing counters.
Nurses Office Expansion Renovate existing space to create an expanded nurses office area
Add Faculty Toilet Rooms Add faculty toilet rooms by renovating existing space.



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Chenango Bridge Elementary School	
Corridor Finish Improvements	
Improve appearance of corridors by upgrading finishes.	
Splitting Up of Classroom	
Create flexible classroom space by adding folding partitions to existing classroom.	
Updating of Finishes	
Improve appearance of classrooms by upgrading finishes.	
OT/PT Improvements	
Create more functional OT/PT space.	
Classroom Furniture Replacement	
Replace classroom furniture	
STEAM Classroom	
Renovate an existing classroom into a STEAM room.	
FACILITY TOTAL	\$3,473,000



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Port Dickinson Elementary School	
Phase 1	
Bus Drive Pavement Reconstruction	Replace bus loop pavement.
Curb Replacement	Replace bus loop concrete curb.
Concrete Sidewalk Replacement	Replace bus loop concrete walk.
Play Area Pavement Replacement	Replace pavement at play area.
Fence Replacement	Provide new chain link fence along a majority of the southern property line.
Repoint Mortar	Repoint mortar joints at exterior brick and repair damaged plaster in required areas.
Stone Step Replacement	Replace worn stone steps at front of original building, clean stone and paint upper railing.
Window Replacement	Replace windows with higher quality windows to allow better operation despite window size. Replace window panels and interior shades at same time.
Gutter Refurbishment	Replace sections of wood as needed and paint gutter system.
Wood Trim Replacement	Replace deteriorated wood as needed and paint trim. Investigate condition of copper.
Shingle Roof Replacement	Replace aging asphalt shingles at sloped roof areas of original building.
Phase 2	
Hollow Metal Door Replacement	Provide FRP door in aluminum frame at roof and rear door. Provide new hollow metal door and frame matching original design at front door.
Carpet Replacement	Consider replacement of library and main office carpet.
Vinyl Tile Replacement	Replace areas of vinyl tile.



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Port Dickinson Elementary School
Corridor Terrazzo Refinishing Grind down terrazzo flooring in corridors.
Gymnasium Equipment Replacement Replace gym scoreboards, wall padding and basketball backstop assemblies.
Water Bottle Filler Replace one drinking fountains with water bottle filler.
Arc Flash Study Provide arc flash study and label all panelboards and required equipment. Clean main electrical gear.
Classroom LED Lighting Upgrade classrooms to LED lighting with dimming control, daylight harvesting, and occupancy control.
Classroom Power Pole Removal Remove power poles in existing classrooms.
Multi-Purpose Room Technology Upgrades Provide new sound system and projector in multi-purpose room.
Heat Pump Replacement Replace half of the heat pumps that are starting to get older.
Circulation Pump Replacement Replace circulation pumps on heat pump loop due to age.
Cabinet Heater Replacement Replace cabinet heaters due to age.
Health Office HVAC Provide ventilation at health office separate from the rest of the building.
Work Room HVAC Provide HVAC system for second floor work room.
Exit Discharge Lighting Add emergency exterior fixtures at exits.
Handicap Toilet Room Renovations Renovate nurses office and three toilet rooms off of classrooms to make accessible.
Accessible Signage Provide accessible signage.
Toilet Partition Replacement Replace partitions with solid plastic partitions.
Gym Operable Partition Laminate Screw gym folding partition laminate to adhere it to substrate.
Toilet Room Renovations Renovate toilet rooms to make more aesthetic.



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Port Dickinson Elementary School	
Handicap Changing Area at Nurses Office	Create handicap changing area at nurses office.
Locker Room Conversions	Convert locker rooms to storage rooms.
OT/PT Improvements	Create more functional OT/PT space.
Updating of Finishes	Improve appearance of classrooms by upgrading finishes.
Classroom Furniture Replacement	Replace classroom furniture including Library.
Replace Bus Entrance Doors	Replace bus entrance doors and frames
Cabinetry Replacement	Consider replacement of all plastic laminate cabinetry with new laminate cabinets and solid surfacing counters.
STEAM Classroom	Renovate an existing classroom into a STEAM room.
2nd Floor Toilet Room	Add an individual toilet room on the 2nd floor level.
FACILITY TOTAL	\$4,311,000



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Middle / High School
Phase 1
Trench Drain Replacement Replace trench drain at west side parking lot with a concrete structure and replace adjacent asphalt. Other option is to remove drain and associated exit drive.
South Drive Asphalt Reconstruction Reconstruct existing asphalt at the south drive.
Athletic Field Parking Lot Pave existing gravel parking lot.
Sidewalk Repair Provide sealant at locations of large gaps between sections of concrete sidewalk.
Tennis Court Repair Patch tennis court cracks and apply new acrylic coating.
Softball Field Netting Provide netting between softball field and parking area.
Gas House Updates Replace windows and doors and repoint brick at gas house.
Leveling Replacement Remove loose leveling material in storage room and provide new concrete leveling to match existing thickness.
Repoint Mortar Repair exterior cracks in brick and repoint mortar in required areas.
Concrete Pad Replacement Replace concrete pads at Exterior Doors that have deterioration.
MS Gym Floor Replacement Replace wood floor in Middle School gym.
MS Gym Wall Padding Provide wall padding in MS gym.
MS Gym Mat Hoist Provide matt hoist in MS gym for storage of wrestling mats.
Stadium Lights Provide athletic lights at stadium
Phase 2
Hollow Metal Door Replacement Replace existing hollow metal doors and frames with FRP doors and aluminum frames.
Vinyl Tile Replacement Remove cracked vinyl tile and install new tile. Cut in control joints where cracking is occurring at building expansion joints.



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Middle / High School
Ceiling Tile Replacement Replace ceiling in 2nd floor storage room and stained tiles in specific locations.
Pool Locker Replacement Replace rusted pool lockers with plastic lockers that will not rust.
Wood Door Replacement Replace deteriorated wood doors with FRP doors at pool.
Window Replacement Replace windows in the MS gym and pool to allow more light into the spaces.
Bleacher Fencing Provide fencing in front of bleachers
Baseball Field Bleachers Replace existing bleachers with new aluminum bleacher system on concrete pad with panels at front.
Gym Bleacher Replacement Replace HS gym bleachers.
HS Gym Floor Refinishing Refinish wood floor in High School gym.
HS Gym Score Board Replacement Replace scoreboard in HS gym
Bleacher Side Curtains Provide curtains at bleacher sides to prevent access under bleacher.
HS Gym Wall Padding Replace HS gym wall padding.
Batting Cage Provide batting cage for HS gym with automatic operation for raising and lowering.
Handicap Accessible Door Operator Provide automatic door operator at two entries to improve handicap accessibility.
Arc Flash Study Provide arc flash study and adhere labelling to equipment.
Classroom LED Lighting Upgrade classrooms to LED lighting with dimming control, daylight harvesting, and occupancy control.
LED Gym Lighting Upgrade High School gym to LED High Bay gym lighting with dimming and day lighting controls.
Clock System Replacement Provide new wireless clock system / bell system.



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Middle / High School
Pool Timing System Replacement Replace pool timing system including new scoreboard and touchpads.
Pool Repairs Replace pool filtration tanks.
Backflow Preventer Installation Add backflow preventer to boiler system.
Makeup Water Meter Installation Add makeup water meter to Boiler.
Water Bottle Fillers Replace two drinking fountains with water bottle fillers.
Cafeteria Serving Line HVAC Improvements MS & HS cafeteria serving line HVAC Improvements.
Middle School Gym Air Conditioning Provide air conditioning in the MS gym.
Visual Fire Alarm Devices Add visible signal devices in all multi-occupant support spaces and all classrooms.
Add Emergency Transfer Switch Separate the life safety loads into a "life safety" transfer switch with priority over non-essential loads. Refeed emergency lighting panels and circuits from life safety system.
Gender Neutral Locker Area Create gender neutral changing areas in each locker room.
Create Outdoor Classroom Create outdoor classroom adjacent to pond.
STEAM Room Renovation Convert classroom into a room dedicated to STEAM.
Library Renovations Renovate existing library to create modern technology library and provide professional development space.
Athletic Field Concession and Toilet Rooms Create addition adjacent to HS gym for toilet rooms and concession stand for multi-purpose field use.
MS Main Office Entry Improvements Remove lockers and add glass adjacent to entrance door.
CSE Office Waiting Area Create waiting area at SCE office by removing toilet room.
Gender Neutral Toilet Rooms Create gender neutral toilet rooms.
Fitness Room Expansion Expand existing fitness room into existing wrestling room. Cost does not include equipment.



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Middle / High School	
Sustainable Greenhouse	
Provide greenhouse adjacent to the pond with sustainable features.	
FACILITY TOTAL	\$4,048,000



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Bus Garage
Phase 2
Hollow Metal Door Replacement Replace older hollow metal doors with FRP doors in aluminum frames.
Overhead Door Replacement Replace wood overhead doors with steel doors.
Window Replacement Replace original windows with aluminum frame windows with insulated glass.
Switchgear Replacement Replace switchgear due to age.
Backflow Preventer Installation Add a backflow preventer.
Makeup Water Meter Installation Add a makeup meter.
Office Exhaust Fan Replacement Replace office exhaust fan due to age.
Parts Storage Exhaust Fan Replacement Replace parts storage exhaust fan due to age.
New Gas Rooftop System Provide rooftop unit to eliminate thru wall A/C units.
Insulate Piping Insulate hot water piping in boiler room.
Fire Alarm System Add fire alarm system.
Accessible Toilet Rooms Adjust fixture and locations to make toilet room accessible.
Accessible Door Hardware Provide accessible door hardware.
Accessible Signage Provide accessible signage.
Asbestos Vinyl Tile Although in good condition, consider replacement of asbestos floor tile with vinyl tile.
Bus Storage Area Expansion Expand existing bus storage area on one side of building.



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Bus Garage	
Maintenance Bay Lift Provide a lift in open maintenance bay. Includes raising the roof height up to provide the proposer clearance.	
Kitchen Area Upgrades Replace finishes and cabinets in kitchen area.	
FACILITY TOTAL	\$1,025,000



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Storage Building (Field House)	
Phase 2	
Accessible Entrance	
Build-up asphalt at team room entrance doors to provide proper accessibility.	
Accessible Signage	
Provide accessible signage at toilet rooms and team rooms.	
FACILITY TOTAL	\$4,000



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Maintenance Storage Building	
Phase 2	
Metal Panel Replacement Provide new exterior metal panels.	
Wood Door Replacement Install new FRP door in aluminum frame.	
Roof Replacement Provide new metal roof panels.	
Fascia Replacement Provide new wood blocking and metal fascia.	
Gutter Replacement Provide continuous gutter system and tie into future storm system.	
Accessible Door Hardware Provide accessible door hardware.	
FACILITY TOTAL	\$93,000