

FRANKLIN
TOWNSHIP
Public Schools

Long Range Facility Plan Update 2019



200 Franklin Square Drive, Suite 402
Somerset, NJ 08873

What is a Long Range Facility Plan

- Assessment of the needs of the District's educational facilities
- Physical conditions
- Capacity
- Learning Environment
- Specialty Systems: Security / District Wide IT / Communications

- Provides FTPS a road map for future capital maintenance and improvements
- Provides FTPS a database / inventory as it relates to capacity
- Provides New Jersey Department of Education an inventory of your district for the planning of future projects and associated funding (Debt Service Aide / ROD Grants)

- Met with stakeholders
- Met with administration
- Review the latest demographic study (issued January 2018)



- Utility connections and shut-offs
- Paving systems including roads and parking areas
- Concrete sidewalks and stairs
- Retaining walls
- Exterior site lighting
- Drainage
- Playground / playfield conditions
- Site ADA



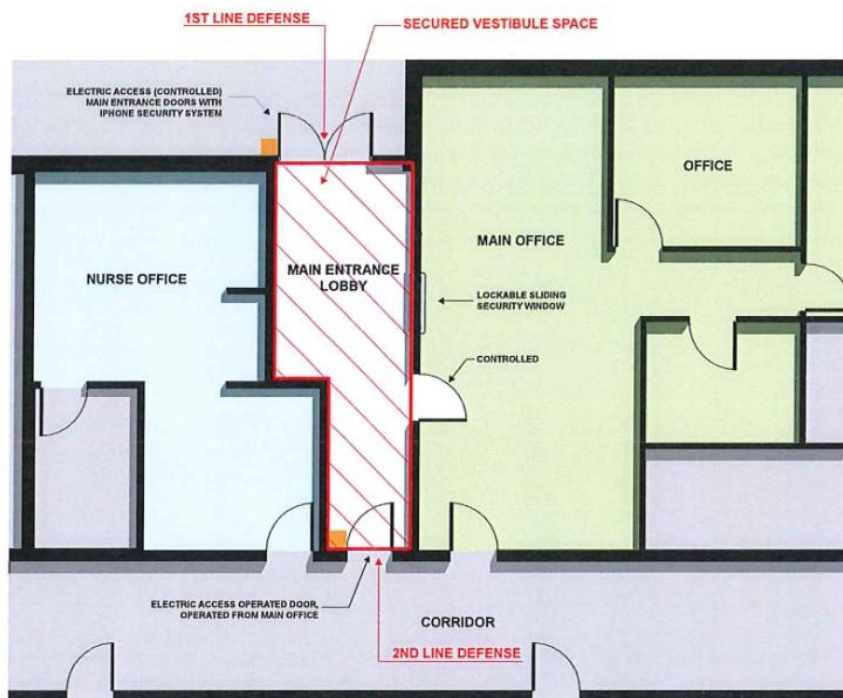
- Roof conditions
- Exterior wall conditions
- Window systems
- Exterior door conditions
- Exterior wall systems
- Structural integrity (exterior)



- Interior wall conditions
- Interior door conditions
- Interior finishes floors / ceilings
- Structural integrity (interior)
- Lavatory conditions and ADA accessibility



- Front Entrance: (man trap)
- Access control: doors
- Access control: monitoring



HVAC Systems

- Boilers
- Heating systems : unit ventilators
- Heating systems : fin tube, convectors, unit heaters, cabinet heaters
- Cooling systems: rooftop units
- Cooling Systems: air handlers
- Cooling Systems: chillers, cooling towers, pumps
- Exhaust systems: classroom
- Exhaust systems: toilets
- Exhaust systems: kitchen
- Exhaust systems: kiln, gym, shop
- ATC systems: DDC
- ATC systems: pneumatic



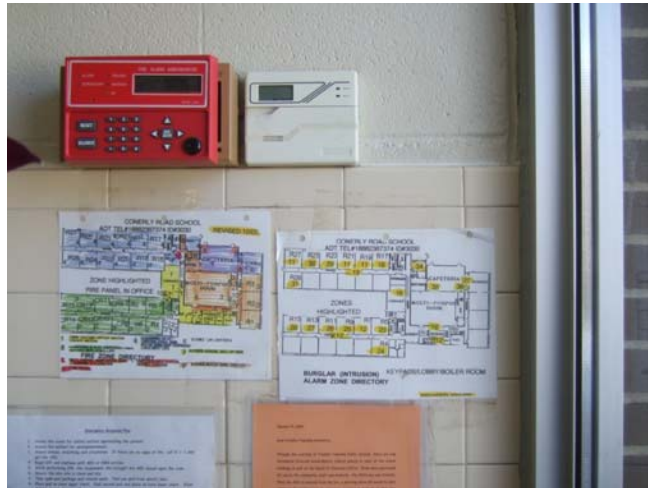
Electrical System

- Building electrical service and distribution
- Branch panels
- Power and outlets
- Interior lighting
- Exit signs
- Emergency power



Low Voltage and Life Safety Systems

- Fire alarm systems
- Security systems
- Clock and PA systems
- IT wiring systems
- Telephone systems



Plumbing Systems

- Domestic water piping
- Hot water generation
- Plumbing fixtures
- Sanitary piping
- Storm water piping

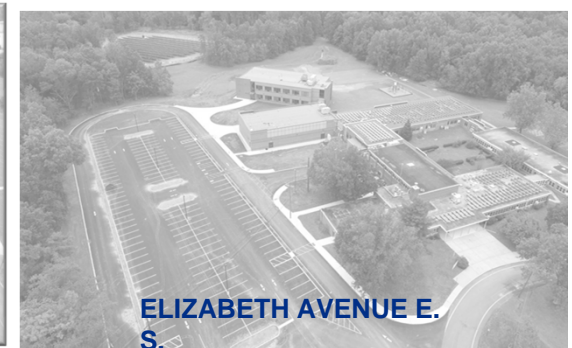
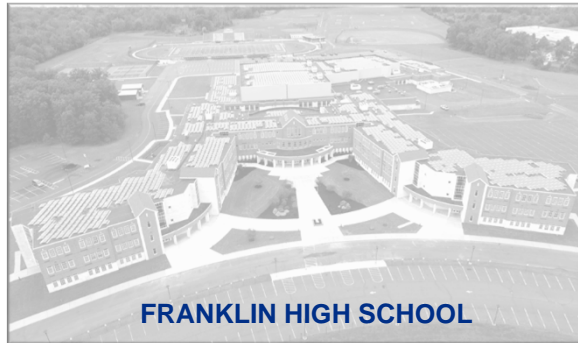


Fire Protection

- Fire sprinkler systems:
dry and wet
- Standpipe systems
- Fire pumps



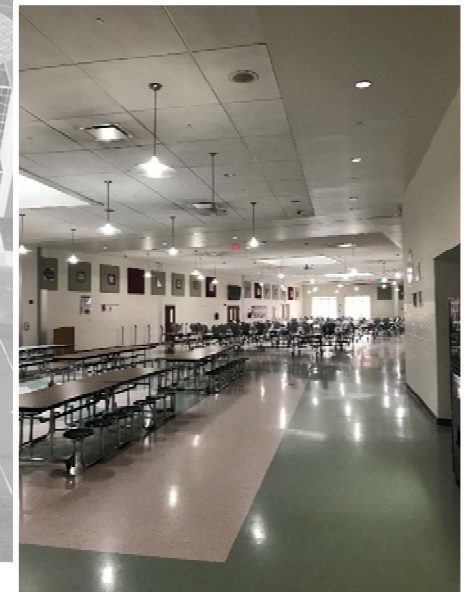
Needs Assessments



Franklin High School



- REPLACE SYNTHETIC TURF ON ATHLETIC FIELD.
- MAKE REQUIRED ELECTRICAL UPGRADES.
- REPLACE FIRE ALARM SYSTEM.
- UPGRADE BMS SYSTEM.
- RECONFIGURE AND/OR REPLACE CEILING MOUNTED UNIT VENTILATORS.
- RESURFACE TRACK.
- CLEAN WHITE SPLIT-FACE BLOCK ON EXTERIOR OF BUILDING.
- UPGRADE EMERGENCY POWER.



Franklin Middle School | Hamilton Street Campus



- REPLACE CURTAINWALLS/WINDOWS & AC UNITS.
- REPLACE UNIT VENTILATORS.
- ABATE VINYL ASBESTOS FLOOR TILES.
- REPLACE FLUORESCENT LIGHTING WITH LED FIXTURES.
- REPLACE ROOF TOP HVAC UNITS (NOT REPLACED IN 2015).
- REPLACE FIRE ALARM SYSTEM.
- GUT REHABILITATION OF ART ROOM (RM #519).



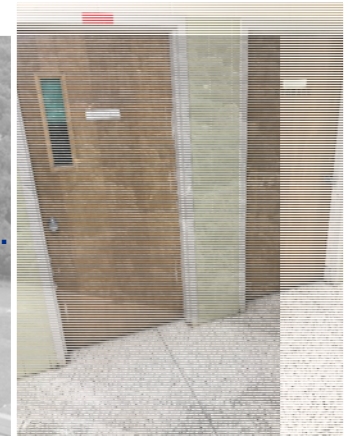
- REPLACE FIRE ALARM SYSTEM.
- INSTALL FLOW ALARMS ON BOILERS.
- ANY ORIGINALLY INSTALLED ELECTRIC PANELS (DISTRIBUTION, POWER & LIGHTING) NEED TO BE REPLACED.



Franklin Middle School | Sampson G. Smith Campus



- ABATE VINYL ASBESTOS FLOOR TILES.
- UPGRADE ELECTRICAL SERVICE.
- REPAIR EXISTING SIDEWALKS AT MAIN ENTRANCES.
- REPLACE ROOF TOP HVAC UNITS.
- REPLACE FLUORESCENT LIGHTING WITH LED FIXTURES.



- INSTALL FLOW ALARMS ON BOILERS.
- ANY ORIGINALLY INSTALLED ELECTRIC PANELS (DISTRIBUTION, POWER & LIGHTING) NEED TO BE REPLACED.



Claremont Elementary School

- THE EARLY CHILDHOOD PLAYGROUND WILL NEED TO BE EXPANDED IN THE NEAR FUTURE.
- HARDSCAPE A PORTION OF THE COURTYARD SO THAT STUDENTS CAN TAKE ADVANTAGE OF THE OUTDOOR SPACE AS AN “ENVIRONMENTAL LEARNING CENTER”.
- ADDITIONAL STORAGE NEEDS TO BE PROVIDED.



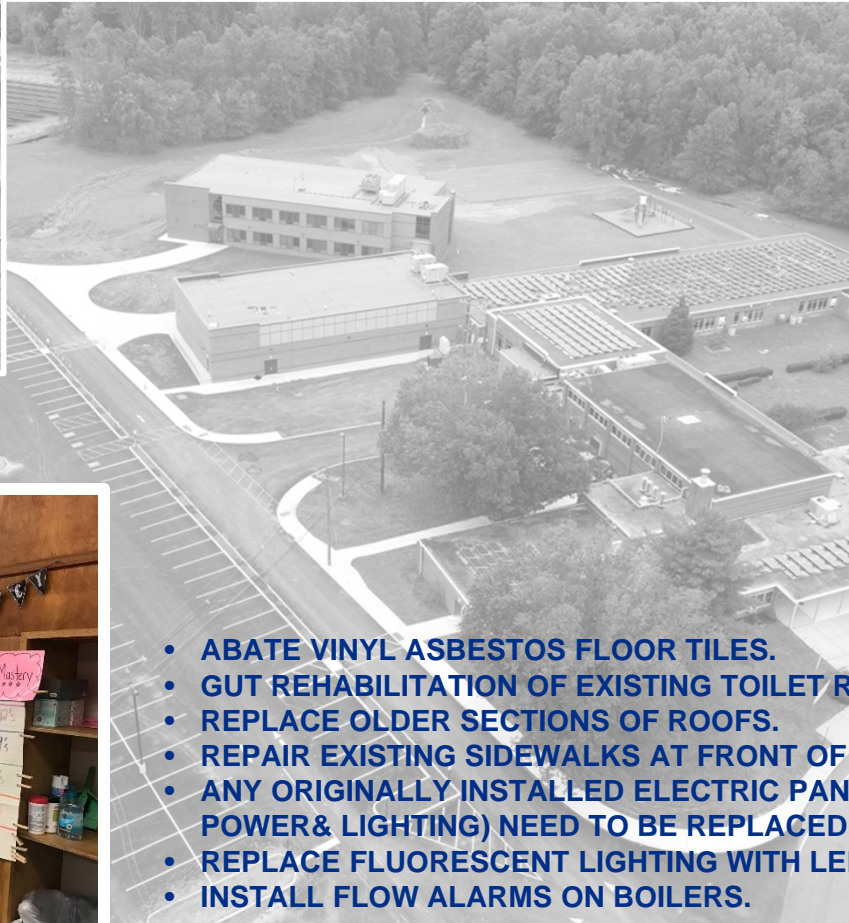
Conerly Road School

- REPLACE UNIT VENTILATORS.
- ABATE VINYL ASBESTOS FLOOR TILES.
- GUT REHABILITATION OF STUDENT AND STAFF TOILET ROOMS.
- RECONFIGURE NURSE'S OFFICE TO PROVIDE ACCESSIBILITY.
- INSTALL FLOW ALARMS ON EXISTING BOILERS.
- THE ORIGINAL ELECTRIC CONTROL PANELS NEED TO BE REPLACED.

Conerly Road
Elementary School



Elizabeth Avenue School

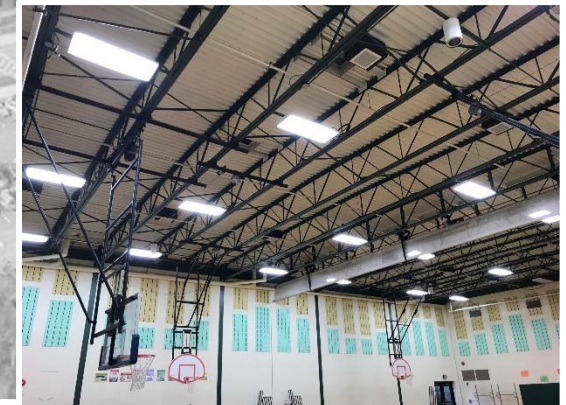
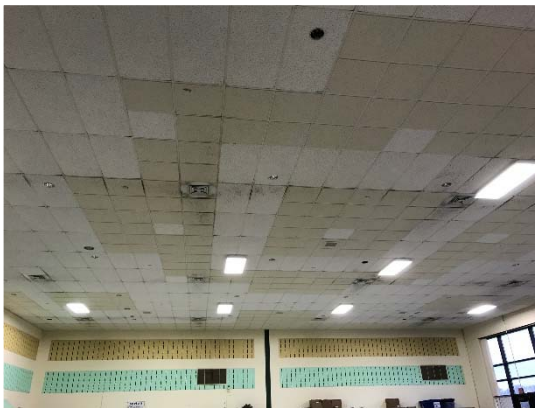


- ABATE VINYL ASBESTOS FLOOR TILES.
- GUT REHABILITATION OF EXISTING TOILET ROOMS.
- REPLACE OLDER SECTIONS OF ROOFS.
- REPAIR EXISTING SIDEWALKS AT FRONT OF SCHOOL.
- ANY ORIGINALLY INSTALLED ELECTRIC PANELS (DISTRIBUTION, POWER & LIGHTING) NEED TO BE REPLACED.
- REPLACE FLUORESCENT LIGHTING WITH LED FIXTURES.
- INSTALL FLOW ALARMS ON BOILERS.

Franklin Park School



- REPLACE ROOF.
- REPLACE BOILERS & INSTALL FLOW ALARMS.
- REPLACE UNIT VENTILATORS, AIR HANDLING UNITS AND CHILLERS.
- REPLACE FLUORESCENT LIGHTING WITH LED FIXTURES
- REPALCE ALL CARPETED FLOORING WITH VINYL COMPOSITION TILE.



Franklin Park School | Annex



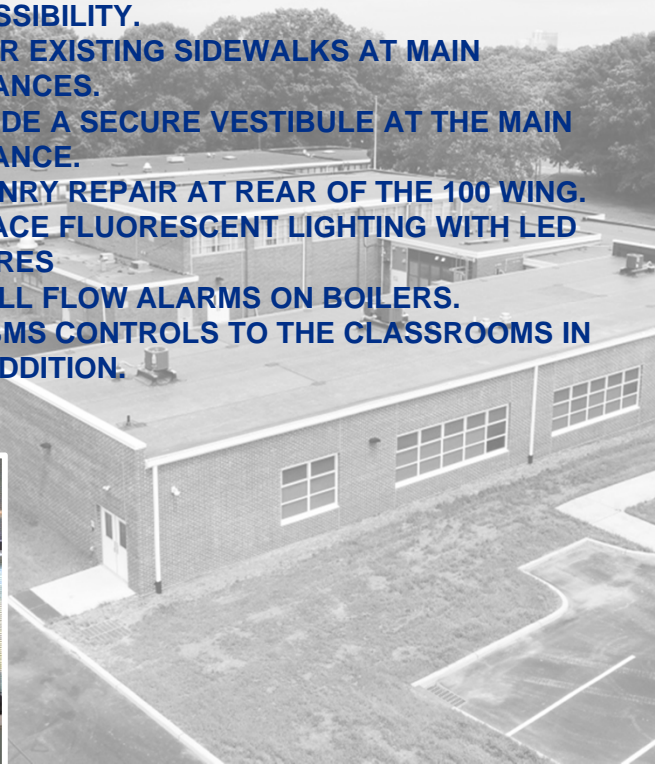
- ABATE VINYL ASBESTOS FLOOR TILES.
- REPLACE UNIT VENTILATORS.
- REPLACE ANY OLDER SECTIONS OF ROOFS.
- REPAIR EXISTING SIDEWALKS AT MAIN ENTRANCES.
- REHAB MULTI-PURPOSE ROOM (INCLUDING NEW HEATING SYSTEM & THE ADDITION OF AC.
- GUT REHABILITATION OF STUDENT & STAFF TOILET ROOMS.
- REPLACE BOILER EXPANSION TANKS AND INSTALL FLOW ALARMS.
- REPLACE FLUORESCENT LIGHTING WITH LED FIXTURES.



Hillcrest Elementary School



- ABATE VINYL ASBESTOS FLOOR TILES.
- GUT REHABILITATION OF ADDITIONAL STUDENT TOILET ROOMS.
- REPLACE UNIT VENTILATORS.
- RECONFIGURE NURSE'S OFFICE TO PROVIDE ACCESSIBILITY.
- REPAIR EXISTING SIDEWALKS AT MAIN ENTRANCES.
- PROVIDE A SECURE VESTIBULE AT THE MAIN ENTRANCE.
- MASONRY REPAIR AT REAR OF THE 100 WING.
- REPLACE FLUORESCENT LIGHTING WITH LED FIXTURES
- INSTALL FLOW ALARMS ON BOILERS.
- ADD BMS CONTROLS TO THE CLASSROOMS IN THE ADDITION.



MacAfee Road Elementary School



- ABATE VINYL ASBESTOS FLOOR TILES.
- REPLACE UNIT VENTILATORS (AND ADD BMS CONTROLS).
- REPAIR EXISTING SIDEWALKS AT MAIN ENTRANCES.
- RECONFIGURE NURSE'S OFFICE TO PROVIDE ACCESSIBILITY.
- PROVIDE ADA ACCESS TO THE STAGE.
- REPLACE FLUORESCENT LIGHTING WITH LED FIXTURES
- INSTALL FLOW ALARMS ON BOILERS.
- ANY ORIGINALLY INSTALLED ELECTRIC PANELS (DISTRIBUTION, POWER & LIGHTING) NEED TO BE REPLACED.



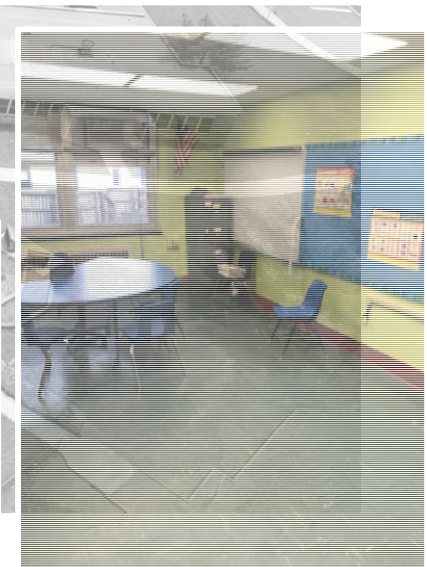
Pine Grove Manor School



- ABATE VINYL ASBESTOS FLOOR TILES.
- REPAIR PAPARAPET OF THE ORIGINAL BUILDING.
- REPLACE BOILERS/UNIT VENTILATORS/ RTUs (FOR MEDIA CENTER) AND PTAC UNITS IN THE NEWEST ADDITION.
- REPLACE OLDER SECTIONS OF ROOFS.
- RECONFIGURE THE NURSE'S OFFICE TO PROVIDE ACCESSIBILITY.



- PROVIDE ADA ACCESS TO THE PLAYGROUND & REPAIR SIDEWALKS AT THE AMIN ENTRANCES.
- PROVIDE ADA ACCESS TO THE STAGE.
- REPLACE FLUORESCENT LIGHTING WITH LED FIXTURES.
- REPLACE ALL (PLUMBING) TRAPS & VALVES.



Consolata Property



- PARKING/SITE IMPROVEMENTS & ADA IMPROVEMENTS.
- ROOF REPLACEMENTS/CLEAN DEBRIS FROM ROOFS & GUTTERS.
- EXTERIOR FINISH PATCHING/CLEANING.
- CUT BACK/REMOVE TREES.
- CREATION OF SECURE VESTIBULES TO MEET NEW DISTRICT-WIDE STANDARDS.



- INTERIOR RENOVATIONS TO SUIT NEW USES OF EACH BUILDING:
 - ADMIN HALL: CURRICULUM SUPERVISORS
 - RESIDENCE HALL: BOE ADMINISTRATION
 - MISSIONARY HALL: REGISTRAR & FOOD SERVICES.





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