



CHELSEA

SCHOOL DISTRICT

SUPERINTENDENT

500 Washington Street
Chelsea, MI 48118
P: 734.433.2208
F: 734.433.2218
www.chelsea.k12.mi.us

North Creek Elementary

Facility needs – key features

Improving paving

- Milled and cap asphalt

Improving barrier free

- Door hardware throughout building

- Update 1 toilet room

- Upgrade electric water coolers to bf units

- Remodel classroom entrances in early childhood wing

Replacing select areas of roof

Improving the building envelope

- joint sealants - reseal under blue metal panels, concrete sills and mechanical louvers.

- Paint speaker boxes

- Upper white metal sandwich panels at west gym wall

- Replace joint sealant in white metal panels around daycare wing

Replacing flooring in select areas

- Corridor carpet

- Select floor tile and carpet

- Flooring in small toilet rooms

Improving wall finish in the small individual toilet rooms

- Replace small individual toilet room wall vinyl with ceramic tile 5'-0 high

Upgrading mechanical and electrical infrastructure and systems

- Add side stream filter to the heating hot water hydronic system to extend system life.

- Office and gym roof top units

- Unit ventilators at media center

- Heating system valves

- Toilet room exhaust fans

- Temperature controls

- Domestic water supply valves

- Electric water coolers

- Replace section of sanitary main piping serving between gang toilets

- Replace of electrical main gear

- Replace interior lighting with led

- Lighting occupancy sensors



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Program needs – key features

Modernizing technology infrastructure, providing new student devices and new technology equipment

Providing student furniture in classrooms, special education rooms, art rooms and music rooms

Remodeling cafeteria/kitchen/project-based learning space



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Pierce Lake Elementary – Should enrollment dictate opening this building

Facility Needs – Key Features

Improving Paving

- East parking lot and drive off Freer
- Bus drop off loop and parking
- Select sidewalks

Replacing select areas of roof, and improving the building envelope

Asphalt shingles, 2 inches insulation, metal edges and gutters to adjust for new insulation thickness

Improving the building envelope

Burnished masonry units could use a coat of sealer. This should be applied every 5 years

Stone sills are discolored at areas and sealant is deteriorating.

Clean sills, remove and replace sealants at joints

Apply clear sealer to sills

Select window replacement where seals in the insulated glass units have been compromised

Replacing flooring in select areas

- Walk-off carpet in entrances
- Select Floor tile and carpet
- Vinyl flooring in Gym, cafeteria and accessory spaces
- Flooring in small toilet rooms

Improving wall finishes

Upper wall drywall replacement

Select wall tile in smaller toilet rooms and grouted

Replace select acoustical ceiling system

Select ceiling tiles and paint exposed metal deck

Replacing food service equipment

Food Service - Full Replacement

Upgrading mechanical and electrical infrastructure and systems

1,600 MBH hot water boiler

Two Hot water circulating pumps

Add side stream filter system to serve the hydronic heating and cooling systems.

Water cooled chiller

Roof mounted cooling tower serves the chiller

Air handling units utilizing four pipe system

Temperature controls



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Replace interior lighting with LED
Lighting occupancy sensors

Program Needs – Key Features

Modernizing technology infrastructure, providing new student devices and new technology equipment

Providing student furniture in classrooms, special education rooms, art rooms and music rooms

Providing main entrance enhancements for increased security with a new support office and vestibule at the main entrance for security check-in of visitors



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South Meadows Elementary

Facility needs – key features

Improving Paving

- North lot

Improving Barrier Free

- Replace door hardware to ADA compliant throughout building

- Update existing toilet rooms to current BF standards in 1974 addition wings

- Upgrade water coolers to barrier free

- Remodel select classroom entrances to meet BF/ADA standards

Replacing select areas of roof

Replacing flooring in select areas such as circulation areas and toilet rooms

- Corridor carpet

- Flooring in small toilet rooms

Improving wall finish in the small individual toilet rooms

- Replace small individual toilet room wall vinyl with ceramic tile 5'-0 high

Replacing select interior door systems

Replacing food service equipment

Upgrading mechanical and electrical infrastructure and systems

- MDL room has split A/C system

- Office area roof top unit

- Gang toilets and single restrooms exhaust fans

- Temperature controls

- Municipal service galvanized piping replacement with copper

- Add water softener system.

- Plumbing fixtures

In general, the original service equipment and building panelboards are in serviceable condition. Replace transformers, switchgears and feeders.

- Replace interior lighting with LED

- Lighting occupancy sensors

Program Needs – Key Features

Modernizing technology infrastructure, providing new student devices and new technology equipment

Providing student furniture in classrooms, special education rooms, art rooms and music rooms

Remodel media center finishes

Remodel existing classroom to support STEM/STEAM



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Beach Middle School

Facility needs – key features

Improving Paving

- Phase 2 Paving Project
- Phase 3 Paving Project
- Dumpster enclosure

Improving Barrier Free

- Update existing toilet rooms to current ADA/BF standards.
- Update existing locker rooms to current ADA/BF standards.
- Remodel select classroom entrances to meet BF/ADA standards

Replacing select areas of roof, and improving the building envelope

- Joint sealants - Reseal under blue metal panels, concrete sills and mechanical louvers
- Paint speaker boxes

Replacing flooring in select areas such as circulation areas and art room

- Select vinyl tile
- Replace select carpet
- Art room flooring
- Toilet room flooring

Replacing casework in select areas

- Art Room casework
- Select science room casework and include eye wash and shower
- Storage on interior wall for orchestral instruments

Replacing specific gym equipment

- Basketball supports/frames with single pole retractable units with motor and safety straps

Improving pool area and pool locker rooms

- Metal toilet partitions and urinal screens in pool locker rooms with phenolic units

Replacing auditorium and stage equipment

- Upgrade stage curtains, lighting and sound systems

Replacing pool equipment

- Replace waste-water piping to exterior
- Replace diving Boards (2009)
- Starting Blocks are loose - Replace
- Pool deck tile
- Locker room tile
- Valves on pool system are in poor shape and require replacement.
- Phased work allowance

Replacing food service equipment

Upgrading mechanical and electrical infrastructure and systems

- Gang toilets and single restrooms exhaust fans
- Locker room exhaust fans
- Temperature controls
- Domestic water supply isolation valves



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Plumbing fixtures
Replacing transformers, switchgears and feeders
Removal and replacement of select panel boards
Replace interior lighting with LED

Program Needs – Key Features

Modernizing technology infrastructure, providing new student devices and new technology equipment
Providing student furniture in classrooms, special education rooms and music rooms
Remodel classrooms for Administration office and secure vestibule
Gym expansion addition with lobby and toilet rooms



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Chelsea High School

Facility needs – key features

Improving sidewalks

Replacing select areas of roof, and improving the building envelope

- Window replacement

- Aluminum door storefront system mullions & hardware

Replacing flooring in select areas

- Select carpet and vinyl tile

Ceiling – metal deck

- Gym, Media and Cafeteria metal ceiling decking paint

Replacing bleachers and specific equipment

Toilet room improvements

- Replace partitions with phenolic

- Select toilet room mirrors

Improving auditorium finishes

- Scrim curtain and stage curtains

- Handrails along aisles of house

- Replace/upgrade lighting system

- Seating

- Carpeting

Special systems

- Rebuild elevator interior surfaces and upgrade hydraulic system

- Loading dock leveler

Replacing food service equipment

Upgrading mechanical and electrical infrastructure and systems

- Boiler replacement

- Hot water booster pumps

- Cooling chiller

- Cooling circulating pumps

- Dedicated air-conditioning systems

- Athletic director's office cooling

- Office area air handling unit

- Temperature controls

- Replace interior lighting with LED

- Auditorium LED lighting & controls

- Lighting occupancy sensors



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Program Needs – Key Features

Modernizing technology infrastructure, providing new student devices and new technology equipment

Providing student furniture in classrooms, special education rooms, music rooms, science and tech labs

Building new gym addition

Building new weight room addition

Remodeling media center

Improving soccer and baseball field drainage



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Building 100

Facility needs – key features

Improving paving

- Center parking lot

Replacing select areas of roof

Gymnasium

- Renovate upper balconies

- Replacing flooring in select areas

- Wood gym flooring

- Auditorium aisle carpeting

Replacing food service equipment

Upgrading mechanical and electrical infrastructure and systems

- Gang toilets and single restroom exhaust fans

- Temperature controls

- Replace interior lighting with LED

- Replace gym lighting

- Lighting occupancy sensors

- Auditorium emergency lighting

Program Needs – Key Features

Modernizing technology infrastructure and providing new technology equipment

Remodel locker rooms – girls and flex locker room

Remodel classrooms to add girl's locker room

Replacing finishes in cafeteria



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Building 200

Facility needs – key features

Improving paving

- Center parking lot

Improving Barrier Free

- Replace door hardware to ADA compliant throughout building

Upgrading mechanical and electrical infrastructure and systems

- Forced air furnaces w/DX cooling

- Roof top air handling units

- Gang restroom exhaust fans

- Plumbing fixtures

- Replace interior lighting with LED

- Lighting occupancy sensors

Program Needs – Key Features

Modernizing technology infrastructure and providing new technology equipment

Building 300

Facility needs – key features

Improving paving

- Center parking lot

Replacing flooring in select areas

- Replace carpet and VCT as they reach the end of serviceable life

Casework

- Select casework

Replacing select areas of roof

Upgrading mechanical and electrical infrastructure and systems

- Heater in ground shop area & distributed gas fired equipment.

- Gang restroom exhaust fans

- Distribution panel GD2, Panels GD3, EM, A, B, C, D, E, F

- Replace interior lighting with LED

- Lighting occupancy sensors

Program Needs – Key Features

Modernizing technology infrastructure and providing new technology equipment

Remodeling to create main office and security vestibule



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Building 400

Facility needs – key features

Improving paving

- Center parking lot

Improving Barrier Free

- Replace door hardware to ADA compliant throughout building

Replacing select areas of roof

Upgrading mechanical and electrical infrastructure and systems

- Gang restroom exhaust fans

- Plumbing fixtures

- Distribution panels

- Replace interior lighting with LED

- Lighting occupancy sensors

Program Needs – Key Features

Modernizing technology infrastructure and providing new technology equipment

Renovating to create modern STEM/STEAM/robotics studios (include toilet rooms remodeling)

Building 500

Facility needs – key features

Improving paving

- Center parking lot

Upgrading mechanical and electrical infrastructure and systems

- Gang restroom exhaust fans

- Replace interior lighting with LED

- Lighting occupancy sensors

Improving technology infrastructure and providing new technology equipment

Remodel to create modern STEM/STEAM/project-based learning studios

Renovating and creating toilet rooms to meet current usage and plumbing codes

Building 600

Facility needs – key features

Improving paving

- Center parking lot

Replacing select areas of roof

Upgrading mechanical and electrical infrastructure and systems

- Forced air furnaces w/DX cooling

- Replace interior lighting with LED

- Lighting occupancy sensors



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Program Needs – Key Features

Improving technology infrastructure and providing new technology equipment

Replacing finishes in toilet room



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Transportation

Facility Needs – Key Features

Improving paving

- Parking lot
- Overlay asphalt walking path
- Bus driver parking lot
- Add parking lot for ballfields

Improving Barrier Free

- Replace door hardware to ADA compliant throughout building
- Update existing toilet rooms to current BF standards upgrade electric water coolers to BF units

Exterior Envelope

- Select windows

Upgrading mechanical systems

- Remote DX condensers serve FAF's. Garage area cooling isn't operational.
- Unit heaters
- Toilet and general exhaust fans

Program Needs – Key Features

Modernizing technology infrastructure and providing new technology equipment

Building new bush wash addition

Replacing finishes in toilet rooms, adding lockers in woman's toilet room