

FACILITIES DEVELOPMENT REPORT

Capital Projects Update

Campus Security System Upgrades

- Materials purchasing is complete
- Work continuing in buildings including supports, wiring and mounts
- Project status by location
 - Business Education – All work complete. Commissioning in process.
 - Health Fitness Center – Supports, wiring complete. Installation on going.
 - Morris Lawrence – Materials delivered
 - Harriet St Center – Materials delivered

Advanced Transportation Center Addition and Renovation Project

- The project was included in the 2019 state budget
- Project team working to award next phases of design

Deferred Maintenance Project Update

1.	BEB Boiler and Temperature Control Replacement <i>FY18 \$525,000 – Replace existing failing boiler w/ 3 high efficiency boilers</i>	<i>Complete</i>
2.	BEB Fan Terminal Units and piping replacement <i>FY18 \$600,000 – Replace existing FTU w/ new FTU units</i>	<i>Complete</i>
3.	BEB Smoke Evacuation Mechanical System Access Catwalk Replacement <i>FY18 \$7,500 – Add platform to above ceiling space for maintenance access</i>	<i>Complete</i>
4.	CLASB Humidifier Replacement <i>FY17 \$260,000 – Replace 4 existing humidifiers for AHU1, 2, 5 & 7</i>	<i>Commission ongoing</i>
5.	Energy Center Pump Replacement <i>FY17 \$400,000 – Replace 6 existing water cooled pumps w/ air cooled pumps</i>	<i>Outage Complete. Construction ongoing</i>
6.	Storm Sewer Drain Cover Repairs <i>FY18 \$0</i>	<i>Complete</i>
7.	CLASB 2 nd Floor Bridge to SCB Storefront Replacement <i>FY18 \$65,341 – Remove storefront system and install automatic smoke wall</i>	<i>Complete</i>
8.	MLB Storm Water Drainage Pond Elevation Repairs <i>FY18 \$40,000 – Correct water drainage issues associated with pond elevation</i>	<i>Engineering solutions are being re-evaluated</i>
9.	GM Main Transformer Replacement <i>FY18 \$125,000 – Replace existing oversized dry transformer</i>	<i>Awarded</i>
10.	OEB Sanitary Line and Manholes Rebuild <i>FY18 \$70,000 – Repair failing underground sanitary line</i>	<i>Complete</i>
11.	Maintenance Garage Mechanical System Replacement <i>FY18 \$90,000 – Replace failing oil separator and underground piping</i>	<i>Complete</i>

12.	GMB 3rd Floor Carpet Replacement <i>FY17 \$75,000 – Replace existing carpet and install resilient floor in corridors</i>	<i>Construction ongoing</i>
13.	T&I Ceramics Lab Exhaust System Upgrades <i>FY18 \$11,000 – Install new air cleaners to improve air quality</i>	<i>Complete</i>
14.	Campus Primary Electrical Service Line Conditioning <i>FY17 \$60,000 – Study electrical service and recommend changes for reliability</i>	<i>Engineering review complete</i>
15.	MLB Main Boilers Replacement Project <i>FY18 \$550,000 – Replace 2 existing failing boilers w/ 3 high efficiency boilers</i>	<i>For BOT Discussion</i>
16.	MLB Firing Range Air-Handling Units Replacement <i>FY18 \$630,000 – Replace existing AHU w/ new ERU</i>	<i>For BOT Discussion</i>
17.	SCB South Stair Ceramic Tile Replacement <i>FY18 \$40,000 – Replace ceramic tile on stairway leading to 2nd floor</i>	<i>Construction Documents complete. Sequence w/ other SC work.</i>
18.	Campus Wide Temperature Control System Panels Upgrades <i>FY18 \$115,000 – Upgrade the existing control system to current technology</i>	<i>Construction ongoing</i>
19.	Campus Wide Concrete Sidewalk Replacement <i>FY18 \$75,000 – Replace failing concrete and trip hazards across campus</i>	<i>Complete</i>
20.	EC Tunnel Insulation Replacement <i>FY18 \$80,000 – Repair damaged insulation and removable covers on valves</i>	<i>Project cancelled, overbudget</i>
21.	Bus Loop & Parking Lot 6 Replacement <i>FY18 \$950,000 – Replace failing pavement w/new heavy duty concrete section</i>	<i>Complete</i>
22.	HFC Heat Exchanger Replacement <i>FY18 \$55,000 – Replace 5 existing heat exchangers for pools and spas</i>	<i>Complete</i>
23.	Parking Structure Waterproofing & Joint Replacement <i>FY18 \$225,000 – Perform scheduled maintenance and repairs to structure</i>	<i>Complete</i>
24.	SC 2nd Floor HVAC Upgrades <i>FY18 \$180,000 – Replace existing HVAC controllers and dampers.</i>	<i>Construction Documents complete. Sequence w/ other SC work.</i>
25.	Campus Wide Concrete Sidewalk Replacement <i>FY19 \$102,000 - Replace failing concrete and trip hazards across campus.</i>	<i>In progress</i>
26.	FEB Roof Replacement <i>FY19 \$60,000 – Replace existing asphalt shingle roof</i>	<i>Complete</i>
27.	BE Stair Tread Replacement <i>FY19 \$30,000 – Replace stair treads w/ resilient tread</i>	<i>Planning underway</i>
28.	Campus Wide Flooring Replacement <i>FY19 \$100,000 – Complete flooring replacements across campus based upon assessment</i>	<i>Assessment underway</i>
29.	Energy Center Cooling Tower Replacement <i>FY19 \$800,000 – Replace campus cooling tower, associated piping and electrical</i>	<i>Planning underway</i>
30.	Parking Lot 6 Replacement <i>FY19 \$600,000 – Repave with subbase stabilization, asphalt and curb repairs</i>	<i>Design complete. Bid package developed.</i>
31.	FEB Lighting Replacement <i>FY19 \$75,000 – Replace non-LED overhead lighting w/ LED fixtures</i>	<i>Planning underway</i>
32.	Great Lakes Building Handicap Ramp Replacement <i>FY19 \$100,000 – Replace damaged and non-compliant concrete ramp</i>	<i>Design under review</i>
33.	Great Lakes Building Foundation Waterproofing <i>FY19 \$62,000 – Repair waterproofing membrane for foundation wall</i>	<i>Planning underway</i>
34.	HFC Domestic Hot Water System Replacement <i>FY19 \$375,000 – Replace hot water tanks w/ new gas fired hot water tanks</i>	<i>Design complete. Bid package developed.</i>
35.	HFC Family Locker Room Shower Stalls <i>FY19 \$30,000 – Replace shower stall inserts w/ tile</i>	<i>Planning underway</i>
36.	HFC Chiller 10 Year Maintenance Package <i>FY19 \$32,000 – Perform periodic recommended tear down and maintenance</i>	<i>Planning underway</i>

37.	LA Chemistry Hood Repairs <i>FY19 \$150,000 – Complete repairs on existing lab hoods</i>	<i>Planning underway</i>
38.	LA Corridor Tile Floor Replacement 2nd Floor <i>FY19 \$110,000 – Replace quarry tile flooring w/ resilient flooring</i>	<i>Planning underway</i>
39.	LA Water Softener Replacement <i>FY19 \$45,000 – Replace existing softener</i>	<i>Planning underway</i>
40.	LA Roofing Repairs <i>FY19 \$60,000 – Complete repairs to the roof/parapet wall interface</i>	<i>Planning underway</i>
41.	OEB Isolation Valve Replacement <i>FY19 \$20,000 – Relocate valve and strainer to accessible location</i>	<i>Planning underway</i>
42.	OEB Dental Lab Compressor Replacement <i>FY19 \$8,000 – Replace compressor unit</i>	<i>Planning underway</i>
43.	OEB AutoClave Electrical Panel Relocation <i>FY19 \$12,000 – Reroute electrical feed directly from building substation</i>	<i>Planning underway</i>
44.	OEB AutoLab Exhaust Fan Replacement <i>FY19 \$25,000 – Replace failing exhaust fan</i>	<i>Planning underway</i>
45.	OEB Tunnel Exhaust Fan Replacement <i>FY19 \$20,000 – Replace failing exhaust fan</i>	<i>Planning underway</i>
46.	Campus Wide Fall Protection Upgrades <i>FY19 \$30,000 – Install new OSHA compliant upgrades for roof fall protection</i>	<i>Planning underway</i>
47.	HFC Pool Chemical Systems Upgrades <i>FY19 \$97,000 – Replace failing components and install redundant systems</i>	<i>Planning underway</i>

Campus Repair & Maintenance Projects Update

1.	SEMCOG Non-Motorized Pathway <i>FY18 \$80,000 – WCC cost to support new grant funded pathway along HRD</i>	<i>MDOT/WCRC bid Nov. 2018</i>
2.	BEB HRM Emergency Exit <i>FY18 \$32,000 – Construct alternative exit for the HRM suite</i>	<i>Complete</i>
3.	Nursing Simulation Lab & Skills Lab <i>FY18 \$450,000 – Construct new classroom, 6 bed skills lab, 2 simulation labs & support spaces</i>	<i>Complete. Project Closeout.</i>
4.	ML Lactation Room <i>Budget = \$9,000 – Renovate existing space to create new lactation room</i>	<i>Complete</i>
5.	SC 1st Floor Renovations <i>FY18 \$250,000 – Renovate existing spaces to create new spaces for Student Activities, B&N Book Storage, Quiet Study area, Reflection room & Career Services</i>	<i>Phase 1 Complete. Phase 2 construction ongoing.</i>
6.	ML 161 Green Room conversion to Music Appreciation Classroom <i>FY18 \$25,000 – Renovate existing space for new purpose</i>	<i>Complete</i>
7.	Digital Video Lab Storage Expansion <i>FY18 \$18,000 – Renovations to support program</i>	<i>Complete</i>
8.	Campus Services Receiving Area and Breakroom <i>FY18 \$20,000 – Renovations to support area function</i>	<i>Complete</i>
9.	SC304 Classroom conversion to office suite. <i>FY18 \$75,000 – Convert existing classroom to new office space</i>	<i>Complete</i>
10.	SRB Dock Shelter Replacement & Upgrade <i>FY18 \$10,000 – Replace dock shelters for truck deliveries</i>	<i>Complete</i>
11.	TI222 Classroom conversion to office suite. <i>FY18 \$35,000 – Convert small classroom to 3 WTMC faculty offices</i>	<i>Complete</i>
12.	Welding Lab Lighting Upgrade <i>FY18 \$40,000 – Replace 60 welding booth lights w/ new LED fixtures</i>	<i>Complete</i>

13.	SC203 Rearrangement <i>FY18 \$40,000 – Rearrange furniture and layout to accommodate space function</i>	<i>Complete</i>
14.	Exterior Messaging Signage <i>FY18 \$75,000 – Install messaging sign near the ML building along HRD</i>	<i>Project development underway</i>
15.	Campus Wide Joint Sealants <i>FY18 \$40,000 – Install joint sealants across campus</i>	<i>Complete</i>
16.	Huron River Watershed Council Grant Upgrades <i>FY18 \$0</i>	<i>Grant Cancelled</i>
17.	WTMC Furniture & Space Upgrade <i>FY18 \$0 (WTMC Funded) – Renovate WTMC spaces and upgrade furniture</i>	<i>Work underway</i>
18.	TI126 Sink Relocation & Installation <i>FY18 \$6,000 – Add 3 compartment sink to culinary lab</i>	<i>Complete</i>
19.	LA275 Renovations <i>FY19 \$135,000 – Renovate classroom including furniture</i>	<i>Planning underway</i>
20.	GM118 Renovations <i>FY19 \$55,000 – Renovate classroom including furniture</i>	<i>Planning underway</i>
21.	OE163 Replace epoxy flooring. <i>FY19 \$20,000 – Replace existing floor surface in main auto lab</i>	<i>Planning underway</i>
22.	Power Upgrades OE143 <i>FY19 \$30,000 – Install new 200A 480V service</i>	<i>Bid package developed</i>
23.	Replace Welding Booth Exhaust Arms <i>FY19 \$40,000 – Replace 40 existing exhaust arms in the welding booths</i>	<i>Bid package developed</i>
24.	Replace Welding Lab Overhead Lighting <i>FY19 \$25,000 – Improved overhead lighting with new LED fixtures</i>	<i>Planning underway</i>
25.	OEB Update Staff Restrooms <i>FY19 \$30,000 – Update existing staff restrooms</i>	<i>Planning underway</i>
26.	Install motorized loading dock plate. <i>FY19 \$20,000 – Install motorized loading dock for SC dock space</i>	<i>Planning underway</i>
27.	TI126 Upgrade Power Requirements <i>FY19 \$11,000 – Install new circuits to power new electrical drops over tables</i>	<i>Bid package developed</i>

Construction Contracts issued in the past 60 days exceeding \$20,000

1. Duke Roofing Company, FEB Roof Replacement, \$50,300
2. McCarthy Construction Company, Inc., Campus Wide Concrete Sidewalk Replacement, \$93,760