



OPM STATUS REPORT



PROJECT: Saugus Middle-High School

DATE: September 24, 2018



| | | | |
|------------------------------|---|------------------------------|-------------------------------|
| Architect | HMFH | Project Phase | Bidding / Construction |
| Facility Type | Combined MS/HS (Grades 6-12) | Current MSBA Phase | Module #7: Construction |
| Construction Type | New Construction | MSBA Board Vote | June 28, 2017 (completed) |
| Building Size | 269,070 square feet | Site Mobilization | July 2018 |
| Enrollment Projection | 1,360 students | Construction Delivery | CM @ Risk (CMR) |
| Project Budget | \$186.1 M (includes Master Plan) | MSBA Funding* | Currently estimated at 57.72% |
| Sustainability Goal | LEED Silver- 2 Incentive Pts | OPM Contact (PMA) | Kevin Nigro 781.964.9560 |
| Other Misc. Details | * MSBA Reimbursement Rate finalized at execution of Project Funding Agreement. Currently includes 2017 Base rate of 53.32% plus the following incentive points: 1.4% (maintenance) + 2% (LEED) + 1% (CMR) = 57.72%. | | |

PROJECT SUMMARY

Significant project activities have been completed over the past 2.5 months. The project team finalized construction bidding and documents and completed the early non-trade package bidding (Demolition, site, concrete, steel, HVAC equipment/Cogen) and also completed the Filed sub/trade bidding (18 trades) as required by MGL c149a. Town departments (DPW, Fire, Police, BOH, Plumbing/Electrical) completed reviews of construction documents prior to bids.

- **Site enabling:** Suffolk completed site enabling activities that included installation of Conservation Commission environmental controls and established temporary offices, parking areas and secured the project site.
- **School Parking:** PMA and Suffolk coordinated the changes to the school parking lot with Police, Fire and School representatives. Additional parking spots were striped along the side of the cafeteria and sidewalks were revised to accommodate a better traffic flow. Parking lots lights were reactivated after old power lines were removed.
- **Construction:** Several construction milestones have been achieved; obtained foundation permit from ISD, began water, sewer and drainage installations, completed ground improvements (RAPS), began footing and foundation installations.
- **Bidding:** The project team is completing the buyout of all remaining trades (approximately 40 non-trades). See next page.

RECENT 3-WEEK LOOK-AHEAD SCHEDULE

| Activity Name | Start | Finish | MON | TUES | WED | THUR | FRI | Sat | Sun | MON | TUES | WED | THUR | FRI | Sat | Sun | MON | TUES | WED | THUR | FRI |
|--|-----------|-----------|-----|------|-----|------|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|------|-----|------|-----|
| SITEWORK | | | | | | | | | | | | | | | | | | | | | |
| Remaining CB & Drain (after ledge removal) | 9/7/2018 | 9/12/2018 | x | x | x | | | | | | | | | | | | | | | | |
| Temp Ramp @ RT-1 | 8/27/2018 | 9/10/2018 | x | | | | | | | | | | | | | | | | | | |
| Excavation for Foundations Walls (M6-7) | 9/4/2018 | 9/14/2018 | x | x | x | x | x | | | | | | | | | | | | | | |
| Install Drain (DMH 13-14) | 9/6/2018 | 9/14/2018 | x | x | x | x | x | | | | | | | | | | | | | | |
| Excavate for Piers and Grade Beams (Zone 1A) | 9/20/2018 | 9/22/2018 | | | | | | | | | | | x | x | | | | | | | |
| Excavate for Piers and Grade Beams (Zone 2A) | 9/28/2018 | 10/1/2018 | | | | | | | | | | | | | | | | | | | x |
| Backfill Foundation Walls (M6-7) | 9/20/2018 | 10/9/2018 | | | | | | | | | | | x | x | | | x | x | x | x | x |
| RAPS | | | | | | | | | | | | | | | | | | | | | |
| Install RAPS - Sequence 2 | 9/4/2018 | 9/17/2018 | x | x | x | x | x | | | x | | | | | | | | | | | |
| Install Raps - Sequence 3 | 9/18/2018 | 9/28/2018 | | | | | | | | | x | x | x | x | | | x | x | x | x | x |
| CONCRETE | | | | | | | | | | | | | | | | | | | | | |
| FRP Footings & Walls (M6-7) | 9/7/2018 | 10/3/2018 | x | x | x | x | x | | | x | x | x | x | x | | | x | x | x | x | x |
| FRP Piers and Grade Beams (Zone 1A) | 9/24/2018 | 10/2/2018 | | | | | | | | | | | | | | | x | x | x | x | x |
| WATERPROOFING | | | | | | | | | | | | | | | | | | | | | |
| Waterproof Foundation Walls (M6-7) | 9/19/2018 | 10/5/2018 | | | | | | | | | | x | x | x | | | x | x | x | x | x |

PROJECT DETAILS – GMP

Suffolk Amendment #1 signed 8/15/18, contains the following:

- Phase 1 & 2 General Conditions/General Requirements
- Phase 1 & 2 Builders Risk Insurance
- Early Bid Packages: Site & Earthwork, Demo/Abatement, Concrete, Structural Steel, Cogen Equipment, Roof Top Units

Suffolk Amendment #2 to be signed week of 9/24/18, contains the following:

- Filed Sub-Bid Trade Contracts: Masonry Work; Miscellaneous and Ornamental Iron; Waterproofing, Dampproofing, Caulking; Roofing & Flashing; Metal Windows; Glass & Glazing; Tile; Acoustical Tile; Resilient Floors; Painting; Elevators; Fire Protection; Plumbing; HVAC; Electrical

Non-trade contract scope review meetings and negotiations are ongoing as of 9/24/18.

Currently targeting mid-October for GMP Execution.

PROJECT PROGRESS

July 2018 Progress:

- Solar/PV Meeting with Ameresco 7/5/18
- OPM, Architect, CM Meeting 7/5/18
- NASDI Mobilized: 7/9/18
- OPM, Architect, CM Meeting 7/12/18
- J. Derenzo Mobilized: 7/16/18
- Structural Peer Reviewer Verified Structural Changes are Minor 7/16/18
- Groundbreaking Ceremony 7/17/18
- OPM, Architect, CM Meeting 7/19/18
- Permit/Utility Meeting with Saugus DPW 7/23/18
- OPM, Architect, CM Meeting 7/26/18
- Saugus Public Health Director Verified Onsite Rodent Control (after review of IPM Plan) 7/27/18
- Tree Committee Hearing 7/30/18

August 2018 Progress:

- Sewer Tie-in Meeting with Saugus DPW 8/1/18
- OPM, Architect, CM Meeting 8/2/18
- Meeting with Saugus Police & Fire Departments @ Saugus HS 8/8/18
- Route 1 Curb Cut Design/Construction Meeting 8/9/18
- OPM, Architect, CM Meeting 8/9/18
- Saugus DPW Onsite to Trim Trees on Pearce Mem. Drive 8/13/18
- PMA/Suffolk Trailers Arrived: 8/13/18
- Existing HS Parking Lot Restriping (and Behind School) 8/15/18
- Metal Panel & Curtain-wall Scope Review Meetings 8/15/18
- OPM, Architect, CM Meeting 8/16/18
- Hayward Baker Mobilized: 8/20/18
- Begin Construction of Route 1 Curb Cut 8/21/18
- Spray Fireproof & Millwork Scope Review Meetings 8/22/18
- OPM, Architect, CM Meeting 8/23/18
- Foodservice and Landscaping Scope Review Meetings 8/29/18
- OPM, Architect, CM Meeting 8/30/18

September 2018 Progress:

- MEP Coordination Kickoff Meeting 9/4/18
- Sewer Tie-in Completed 9/5/18
- Federal Concrete Mobilized 9/5/18
- OPM, Architect, CM Meeting 9/6/18
- National Grid Power Meeting 9/10/18
- Concrete & Rebar Pre-Install Meeting 9/10/18
- Existing HS Parking Lot Lights Re-Energized 9/11/18
- First Concrete Pour 9/13/18
- Landscape Scope Review Meeting 9/12/18
- OPM, Architect, CM Meeting 9/13/18
- OPM, Architect, CM Meeting 9/20/18
- SBC Meeting 9/24/18
- Drywall Scope Review Meetings 9/26/18
- OPM, Architect, CM Meeting 9/27/18

PROACTIVE MEASURES RELEVANT TO COMMUNITY INTERACTION DURING CONSTRUCTION



Conduct of Construction Manager & Contractor Personnel

The Construction Manager must establish and enforce rules as are appropriate to ensure the safety of the school programs and appropriate demeanor in the presences of the students, staff, parents and other visitors. Workers are forbidden from intermingling with students or entering a school occupied area except with prior approval of the Owner. Use of profanity is prohibited. Subcontractors are required to park within construction limits or off-site.



Working Hours

The Construction Manager/Subcontractors are allowed to work in the new building between 7:00AM to 8:00PM Monday-Friday and between 7:00AM and 4:00PM on Saturdays. The Construction Manager/Subcontractors are allowed to work on site from 7:00AM to 6:00PM on Monday-Friday and 8:00AM to 4:00PM on Saturdays. Work on Sunday and Holidays is prohibited. Any deviation from this plan requires a request made by the contractor in advance of the work being performed and the approval of the Owner.



Use of Site

Site Work and Work outside the building may be performed while school is in session if it does not interfere with or impede school activities, including but not limited to arrivals and departures of students and staff, and outdoor athletic and play activities. Before performing work in any area that is immediately outside an occupied area of the building, the contractor must notify the Owner and obtain authorization.



Any operation causing interruptions to the school activities will be stopped as required by the school. Prior to execution of the work, the contractor is required to submit a site utilization plan, dust containment plan, and traffic and hauling plan. Each subcontractor engaged in the work bears full responsibility for cleaning up on a daily basis and immediately upon completion of their work. The Construction Manager is responsible for maintaining a clean building and site free of debris. Construction Manager shall make provisions for snow and ice removal as required in construction areas.



Noise Control

The contractor is required to develop and maintain a noise abatement program and enforce strict discipline over personnel to minimize noise. Construction methods and equipment to reduce excess noise must be employed where feasible to do so.



LEGEND

○ 30" DIAMETER VIBRO PIER



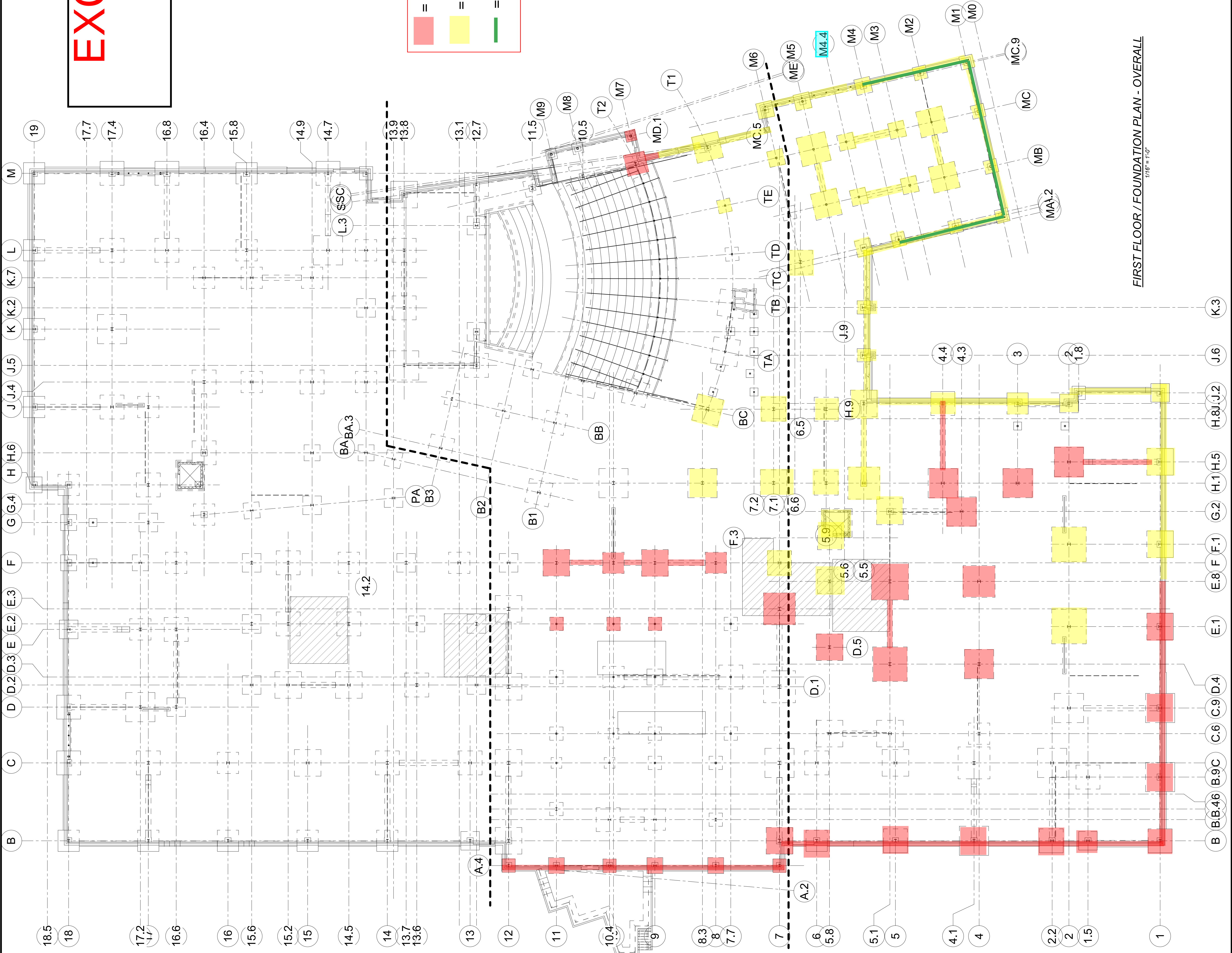
GRAPHIC SCALE IN FEET

200646 - 2
2 OF 4

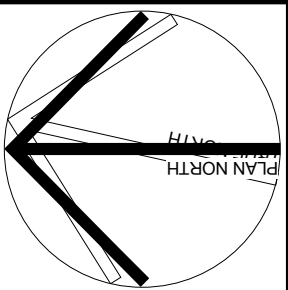
EXCAVATION / CONCRETE TRACKING

AS OF 9/21/18,
END OF DAY

- = Completed Excavation (Derenzo)
- = Concrete Footing Placements
- = Foundation Wall Placements

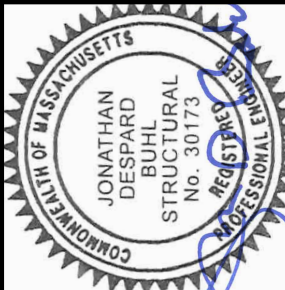


FIRST FLOOR / FOUNDATION PLAN - OVERALL



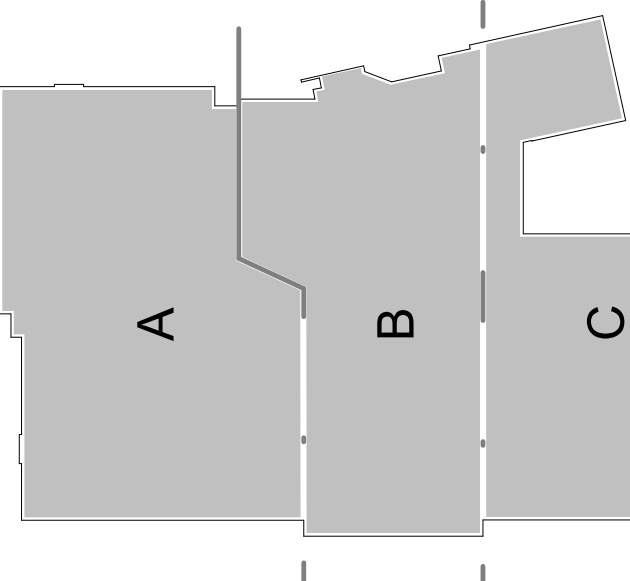
CONFORMED/PERMIT SET
08/07/18

Structural
engineers
F 617-527-9600
www.bra.com
Foley
BunlRoberts
& ASSOCIATES INC
2150 Washington St
Newton MA 02462



HMFH ARCHITECTS
130 Bishop Allen Drive
Cambridge, MA 02139
617.482.2200
@hmfharch hmfh.com

Saugus Middle-High School
Pearce Memorial Drive Saugus, MA
First Floor/Foundation Plan -
Overall
SCALE: 1/8" = 1'-0"
DRAWN BY: CM/PECK CHECKED BY: JDB



S2.1
JOB
NUMBER
2016119

PROJECT PHOTOS

July 2018 – Groundbreaking Ceremony



**August 2018 – Ledge Removal
(NW Corner of Building)**



August 2018 – Demolition of 1972 Burns Gym



**August 2018 – Project Signs on Highland Ave & Route 1
(respectively)**



August 2018 – Sewer, Water/FP Loop Installation



August 2018 – Vibro-Pier Installation & Layout



PROJECT PHOTOS

August 2018 – Burns Gym Demolition



August 2018 – Saugus HS Emergency Egress Way



August 2018 – Utility Work on Pearce Memorial Drive



**September 2018 – First Concrete Placement
(SE Corner of Building)**



**September 2018 – First Concrete Placement
(SE Corner of Building)**



**September 2018 – Foundation Wall Placement
(SE Corner of Building)**



PROJECT PHOTOS

September 2018 – Overhead Photo of Foundation Excavation/Concrete Placement Progress & RAPs



September 2018 – Route 1 Curb Cut/Signage



| Saugus Middle/High School Project Budget Summary | |
|--|----------------------|
| Project Funding Agreement Total Project Budget | \$160,720,553 |
| Architect Feasibility Study (FS)/Schematic Design (SD) | 1,028,720 |
| Architect FS/SD Amendments 1 through 5 | 123,035 |
| Architect DD to CA/Closeout | |
| Amendment #6: Design Documents, Cons. Documents, Bid, Cons. Administration and Closeout | 11,291,900 |
| Amendments #7, #8: Addnl Subconsultants: Asbestos CA, Abatement Monitoring Civil ConComm, NOI, Geo/Env. | 300,025 |
| Amendment #9: Additional Traffic/Transportation Engineering – Rt. 1 Curb Cut | 21,670 |
| Amendment #10: Vanasse – State Highway Access Permit Application to MassDOT | 1,650 |
| Amendment #11: Vanasse – MEPA Filing at the Request of MASSDOT | 1,870 |
| Amendment #12: Samiotes & CSS Design Fee : Revised parking layout and added basketball court | 22,275 |
| Amendment #13: Vanasse : Additional traffic engineering per MassDOT | 22,000 |
| Amendment #14: McPhail : Prepare Soil Packages paperwork and CA at building footprint | 106,150 |
| Sub Total A/E | \$12,919,295 |
| OPM FS/SD | 453,961 |
| Amendment #1: Design Documents, Cons. Docs, Bid, Cons. Administration and Closeout Phases | 4,035,026 |
| Amendment #2: VJA DD Cost Estimating Services | 9,900 |
| Amendment #3: VJA CD Cost Estimating Services | 31,350 |
| Amendment #4: BEA & UTS : façade design review/testing; Construction testing (soils, concrete, rebar, etc.) | 301,950 |
| Sub Total OPM | \$4,832,187 |
| CMR-Suffolk | |
| Pre-Construction Services | 350,132 |
| Amendment No. 01: General Conditions/General Requirements, Phase 1 & 2 Builders Risk Insurance Early Bid Packages: Site & Earthwork, Demo/Abatement, Concrete, Structural Steel, Cogen Equip., Roof Top Units | 39,989,626 |
| Sub Total CMR | \$40,339,758 |
| Total Contract Values to Date | \$58,091,240 |
| Invoices/Cost Thru August 20 | \$14,014,039 |
| Balance to Finish | \$146,706,514 |
| MSBA | |
| Pro Pay Reimbursement Payments to Date | \$5,225,253 |
| Pro Pay Reimbursements Payments Pending | \$1,594,204 |