



# OPM STATUS REPORT



**PROJECT:** Saugus Middle-High School

**DATE:** January 28, 2019



<b>Architect</b>	HMFH	<b>Project Phase</b>	Bidding / Construction
<b>Facility Type</b>	Combined MS/HS (Grades 6-12)	<b>Current MSBA Phase</b>	Module #7: Construction
<b>Construction Type</b>	New Construction	<b>MSBA Board Vote</b>	June 28, 2017 (completed)
<b>Building Size</b>	269,070 square feet	<b>Site Mobilization</b>	July 2018
<b>Enrollment Projection</b>	1,360 students	<b>Construction Delivery</b>	CM @ Risk (CMR)
<b>Project Budget</b>	\$186.1 M (includes Master Plan)	<b>MSBA Funding*</b>	57.72% (includes 4.4% incentive points)
<b>Sustainability Goal</b>	LEED Silver- 2 Incentive Pts	<b>OPM Contact (PMA)</b>	Kevin Nigro 781.964.9560

## PROJECT OVERVIEW & GMP

**Project Overview:** Heavy construction activities are underway with crews averaging ~75 workers/day for the month of January. The building is split into three main sections: Area A (Middle School), Area B (Gym, auditorium, shared spaces), and Area C (High School). See attached graphic. The general sequence of work has started in Area C and worked counter clockwise up to Area A. All foundation activities (concrete, waterproofing, and backfilling) concluded on 12/17/18, and steel erection began on 10/17/18. Area C steel is 100% complete; Area B steel is ~65% complete, and Area A steel will commence in early February. Winter protection is up in the academic portion of Area C allowing underground mechanical work, interior concrete placement, and interior spray fireproofing activities to commence. Three slab pours have been completed in the academic side of Building C at levels 2, 3, and 4. MEP rough-ins have commenced on levels 2, 3, and 4. Completion of the temporary roof will occur this week, followed by commencement of rough framing.

To date, Suffolk estimates that 55,000 person-hours have been worked to date. In that time:

- ~3,074 pieces of steel have been erected, weighing 2.23 million pounds
- ~13,000 cubic yards of concrete have been placed
- ~450 truckloads of soil have been removed
- ~14,000 square feet of roofing has been installed

Currently targeting late February for GMP execution. GMP elements under review include:

- Baseline schedule
- Holds and allowances
- Qualifications and assumptions
- Bonds/Insurance
- WBE/MBE participation
- LEED status

Suffolk Amendment #3 signed 1/10/2019 containing the following:

- Applied Fireproofing
- Food Service Equipment
- Drywall
- Metal Wall Panels
- Curtain Walls

## CONSTRUCTION MILESTONES

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• J. Derenzo Mobilized for Sitework: 7/16/18</li> <li>• Hayward Baker (Soil Prep for Foundations) Mobilized: 8/20/18</li> <li>• Federal Concrete Mobilized: 9/5/18</li> <li>• Structures Derek Mobilized: 10/15/18</li> <li>• First Steel Column Erected: 10/17/18</li> <li>• Chapman Waterproofing Mobilized: 10/24/18</li> <li>• Infiltration System #1 Completed: 10/31/18</li> </ul> | <ul style="list-style-type: none"> <li>• E. Amanti (Plumbing &amp; HVAC) Mobilized: 11/12/18</li> <li>• Systems Electrical Mobilized: 11/26/18</li> <li>• Full Foundation Completed: 12/17/18</li> <li>• First Slab on Deck Pour, High School Academic Wing, 2<sup>nd</sup> Floor: 1/3/19</li> <li>• Spray Fireproofing Mobilized: 1/18/19</li> <li>• MEP Rough Start: 1/21/19</li> <li>• Stanley Roofers Mobilized: 1/23/19</li> </ul> |
|---|---|

## Saugus Middle/High School Project Budget Summary

January 28, 2019

<b>Project Funding Agreement Total Project Budget</b>	<b>\$160,720,553</b>
<b>Architect Feasibility Study (FS)/Schematic Design (SD)</b>	1,028,720
Architect FS/SD Amendment #s 1 through 5	123,035
<b>Architect DD to CA/Closeout</b>	
Amendment #6: Design Documents, Cons. Documents, Bid, Cons. Administration and Closeout	11,291,900
Amendments #7, #8: Add'l Subconsultants: Asbestos CA, Abatement Monitoring Civil ConComm, NOI, Geo/Env.	300,025
Amendment #9, #10, #11, #13: All related to required additional Traffic Engineering and MassDot Requirements	47,190
Amendment #12: Samiotes & CSS Design Fee : Revised parking layout and added basketball court	22,275
Amendment #14, #16: McPhail : Prepare Soil Packages paperwork and CA at building footprint and for Phase 3 : Stadium & Outbuildings	157,850
Amendment #15: Vanasse – CA services related to work at/near Rt. 1 and on Main Street	12,100
<b>Sub Total A/E</b>	<b>\$12,983,095</b>
<b>OPM FS/SD</b>	453,961
Amendment #1: Design Documents, Cons. Docs, Bid, Cons. Administration and Closeout Phases	4,035,026
Amendment #2, #3: VJA DD & CD Cost Estimating Services	41,250
Amendment #4: BEA & UTS: façade design review/testing; Construction testing (soils, concrete, rebar, etc.)	301,950
<b>Sub Total OPM</b>	<b>\$4,832,187</b>
<b>CMR-Suffolk</b>	
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
Amendment No. 02: All Trade-Contractor Contracts	41,156,890
Amendment No. 03: Portion of remaining Non-Trade Contracts, General Liability Insurance and CM Fee on Approved Subcontractor Packages	22,738,898
<b>Sub Total CMR</b>	<b>\$104,235,546</b>
<b>Total Contract Values to Date</b>	<b>\$122,050,828</b>
<b>Invoices/Cost Thru December 2018</b>	<b>\$26,906,928</b>
<b>Balance to Finish</b>	<b>\$133,813,625</b>
<b>MSBA</b>	
<b>Pro Pay Reimbursement Payments to Date</b>	<b>\$9,789,666</b>
<b>Pro Pay Reimbursements Payments Pending</b>	<b>\$0</b>



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## PROJECT PHOTOS



10/2/18 Drone Photo of Foundation Excavation/Concrete Placement Progress (Credit: Jim Harrington)



10/14/18 – Drone Photo of Foundation Excavation/Concrete Placement Progress (Credit: Jim Harrington)



## PROJECT PHOTOS



11/4/18 Progress Drone Photo (Credit: Jim Harrington)



11/19/18 Progress Drone Photo (Credit: Jim Harrington)



## PROJECT PHOTOS



12/1/18 Progress Drone Photo (Credit: Jim Harrington)



12/16/18 Progress Drone Photo (Credit: Jim Harrington)



## PROJECT PHOTOS



1/3/19 Progress Photo – Area B Steel Underway



1/3/19 First Slab on Deck (SOD) Pour, High School Academic Wing, 2nd Floor



## PROJECT PHOTOS



**1/3/19 Pre-Pour SOD**



**1/3/19 Mid-Pour SOD**



**1/3/19 Post-Pour SOD**



**1/4/19 Next Day – Covered SOD**



**1/10/19 – Second SOD Pour,  
3<sup>rd</sup> floor of HS Academic Wing**



**1/10/19 – Second SOD Pour,  
3<sup>rd</sup> floor of HS Academic Wing**



## PROJECT PHOTOS



**1/18/19 Progress Photo – Area B Auditorium Steel Underway (from roof)**



**1/19/19 Progress Drone Photo (Credit: Jim Harrington)**