



Town of Hanover, Massachusetts
Hanover High School



PMA Construction Services
Owner's Project Manager

HANOVER HIGH SCHOOL PROJECT *January 2011 – Monthly Status Report*

Project:	Hanover High School	Building Size:	157,000	Ph1 Substantial Completion:	June 2011
Current Phase:	Construction	Enrollment Projection:	800 Students	Ph2 Substantial Completion:	May 2012
Construction Type:	NEW	Facility Type:	High School	Project Total Duration:	32-months
Construction Start Date:	28Sep09	Reimbursement Rate:	48.21%	Day 490 of 611 to Ph1 Substantial:	80.2%

Project Safety Report

Safety Incidents this Month • [0]
Past Lost Time Incidents • [1]
Past Minor Reportable Incidents • [2]

Open Scope / Potential Issues

- Terrazzo start date & schedule impact mitigation
- Procurement of window treatments
- Auditorium construction progress and manpower
- Stair tower 1,2 and 5 tile installation
- Mechanical unit delivery and installation
- Telephone, network and security vendor coordination
- Verizon and Comcast installation coordination
- Commissioning coordination
- IT equipment selection, procurement and installation coordination
- FF&E selection, procurement and coordination
- Preparation for move to new building & vacate existing
- Equipment startups, testing and owner training
- Phase 1A Concession & Maintenance Building Early Turnover
- Community Issues – none at this time.

Budget Status

Total Project Budget: \$50,076,789 as of 1/31/11
Actual Incurred to Date: \$31,709,464 as of 1/31/11* (63.3%)
Contingency Remaining: \$1,255,408 (47.9%)
***Subject to Final Revised PFA Agreement*

Construction Cost Summary:

Award Value (Callahan):	\$38,652,255.00
Previously Executed CO's (Net)	\$854,385.17
Previous Contract Value:	\$39,506,640.17
CO's Executed this Month:	\$0.00
Current Contract Value:	\$39,506,640.17

Construction Payment Summary:

Previous Gross Amount:	\$26,140,740.27
This Month's Gross Amount:	\$2,454,133.68*
Gross Amount to-Date:	\$28,594,873.96*
Retainage To-Date @ 5%:	\$1,429,743.70*
Retainage Released	\$0.00
Current Retainage	\$1,429,743.70*
Total Net Payable To-Date:	\$27,165,130.26*

Remaining Balance to Finish (gross): **\$10,911,766.21**

*NOTE: January invoices not yet processed. Values are approximate.

Project Status

January 2011 Progress

- PMA Performed OPM Duties (i.e. contract document compliance verification, project controls, real-time issues ID and resolution)
- Designer Continued Construction Administration (i.e. submittals, RFIs, weekly site visits, QA/QC, etc)
- 2nd Floor Casework Installation Complete, 3rd Floor Underway
- Elevator Installation Completed
- Walk-in Cooler/Freezer Installation Underway
- 2nd & 3rd Floor Wallboard Complete, 1st Floor 90% Complete
- Building B Paint & Primer Approx 80% Complete
- Building B Ceiling Grid Approx 90% Complete
- 2nd Floor Ceramic Tile Installation Complete, 3rd Floor Underway
- Mechanical Room Rough MEP Approx 70% Complete
- Building Commissioning Continued
- 2nd Floor Locker Installation Complete, 3rd Floor Underway

February 2011 Forecasted Items

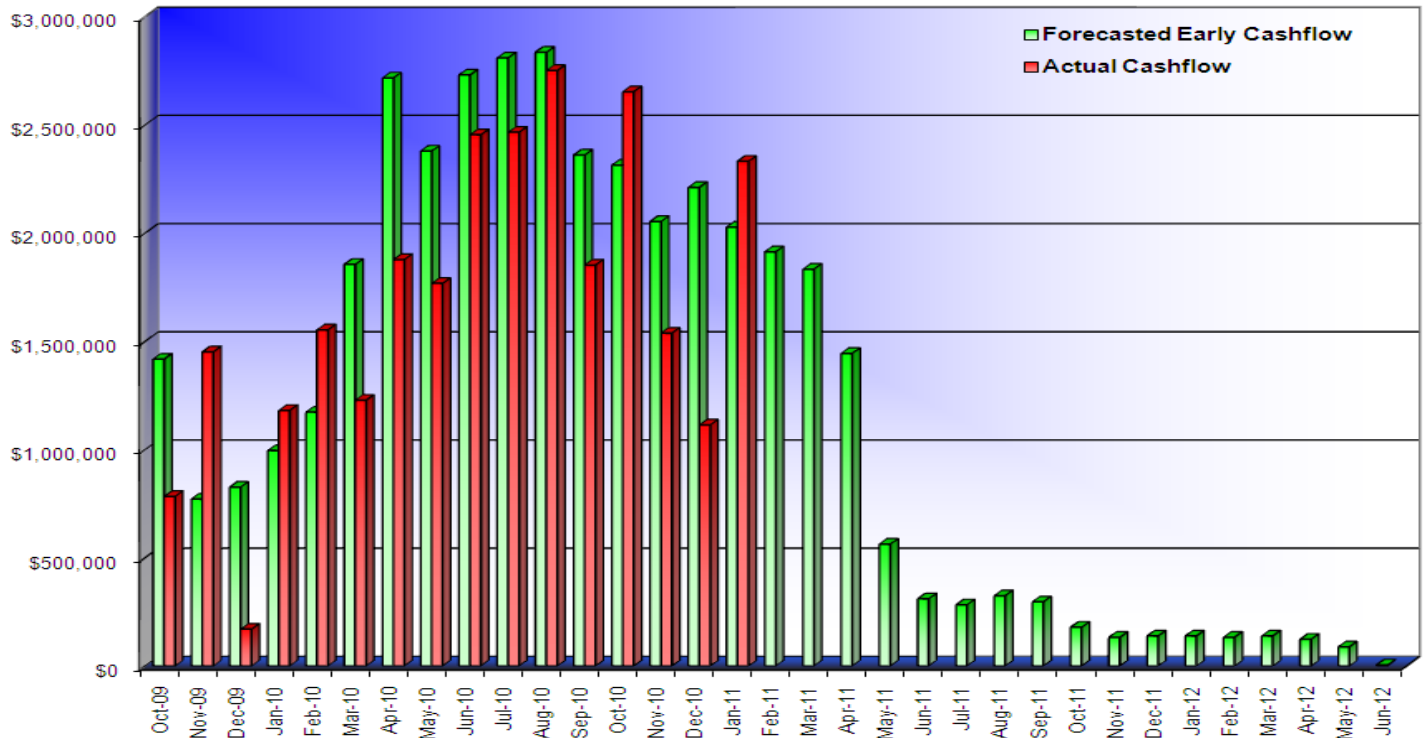
- Complete Sheetrock in Building A
- Continue Prime/Paint 1st Floor
- Commence Terrazzo Base Installation
- Continue Metal Panel Installation
- Complete 3rd Floor Tile Installation, Begin 1st Floor.
- Continue Kitchen Equipment Installations
- Continue Building B Light Fixture Installation
- Erect Auditorium Staging & Continue Rough MEP
- Above Ceiling Inspections / Commissioning
- Continue Boiler Room Equipment Installation
- Continue Delivery & Placement of Rooftop Units
- Complete Phase 1A Punchlist and Prep for Turnover



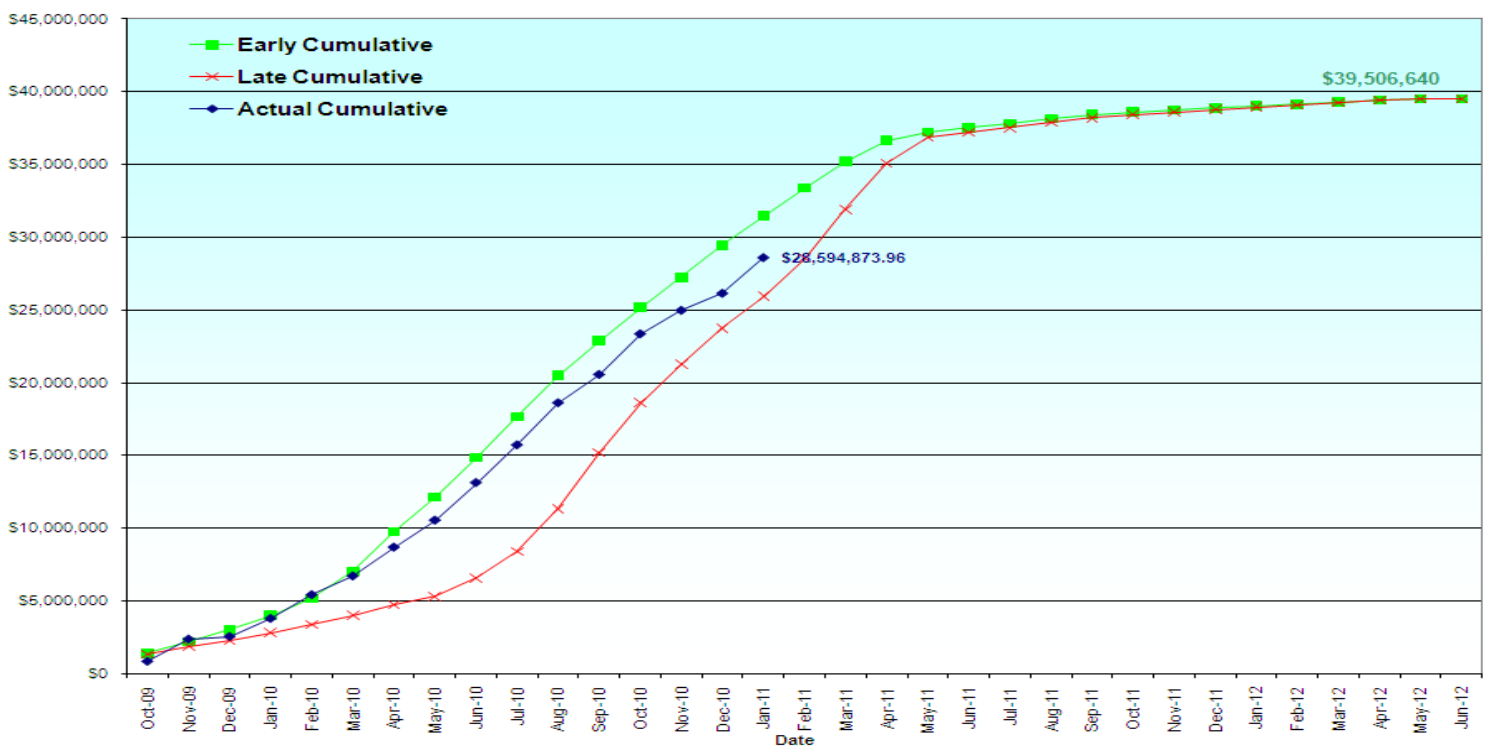
Town of Hanover, Massachusetts
Hanover High School

PMA Construction Services
Owner's Project Manager

Monthly Cashflow Projection [NOTE: January value is approximate]



Cumulative Cashflow Projection [NOTE: January value is approximate]



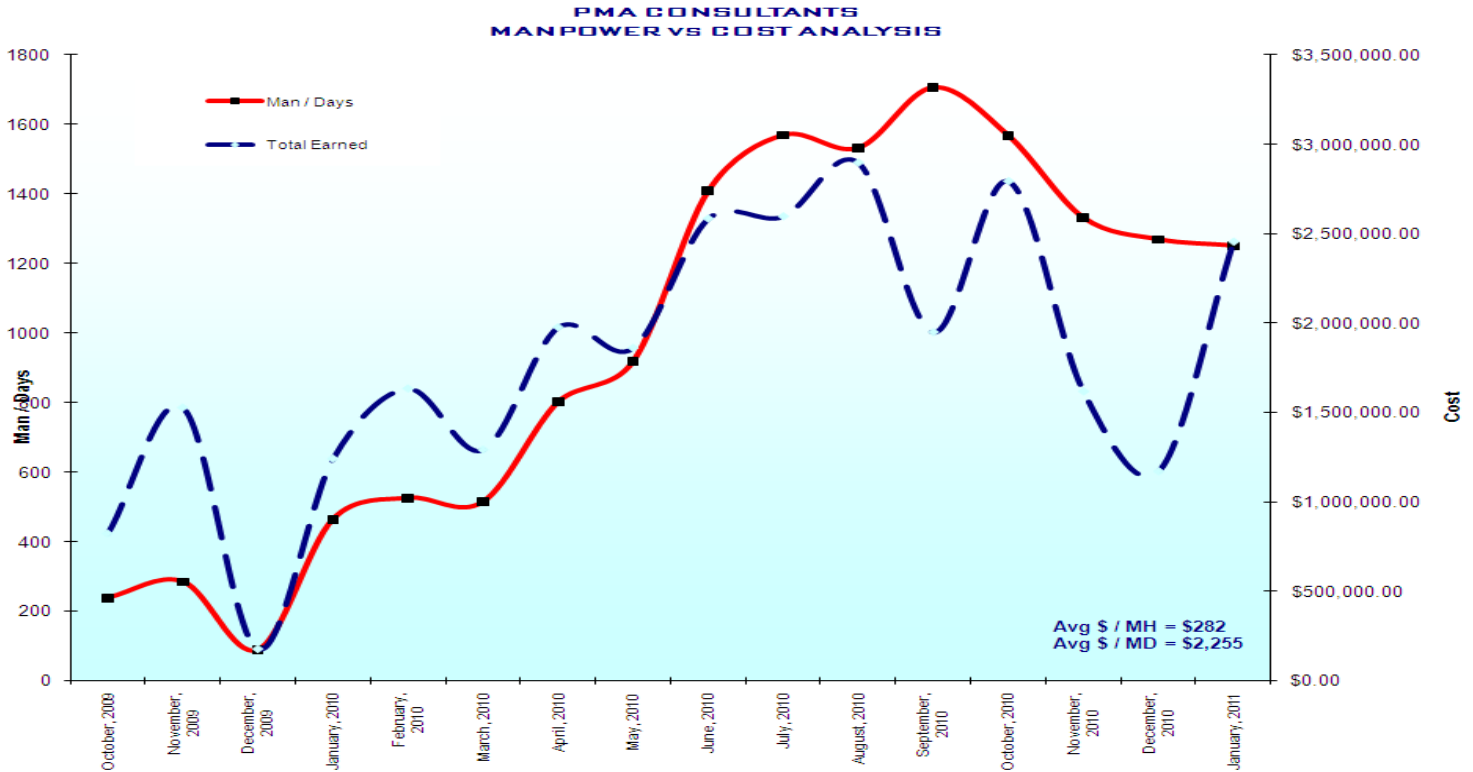


Town of Hanover, Massachusetts
Hanover High School



PMA Construction Services
Owner's Project Manager

Manpower vs Cost Analysis [NOTE: January value is approximate]



Milestone Dates

Milestone Dates	Baseline	Forecast	Actual	Status	Schedule Notes
Construction Start - NTP	1Oct09		28Sep09	✓	On Schedule
Begin Casework / Millwork	03Feb11		17Jan11	✓	On Schedule
Ph1A Substantial Completion	1Sep10	07Feb11			No Critical Path Impact – Float Utilized
Begin Classroom Floor Treatments	17Feb11	31Jan11	8280		On Schedule
Begin Terrazzo Flooring Install	N/A	24Feb11			9 WD Critical Path Impact – Owner Change
Complete Prime / Paint 1 st Coat Entire Bldg	15Mar11	30Mar11	11270		Critical Path Impact in Auditorium Area – Working to Mitigate
Begin Auditorium Stage Construction	24Mar11	12Apr11	11100		Critical Path Impact – Working to Mitigate
Begin Startup Checkout HVAC Systems	26Nov10	04Feb11	14340		No Critical Path Impact – Float Utilized
Phase 1 Substantial Completion	1Jun11	16Jun11	10600		Critical Path Impact by Auditorium Progress & Terrazzo Change

HS14 Schedule Submission

Contract Milestone Analysis

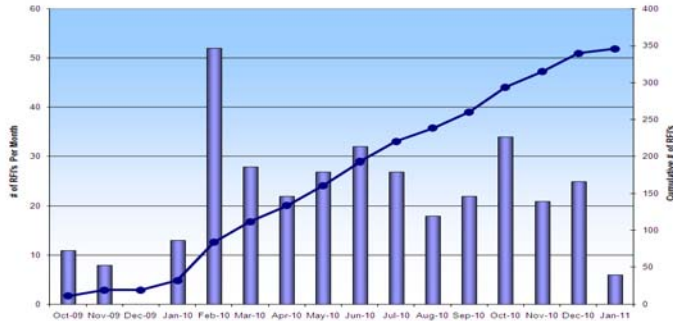
Phase	Contract	HS13	HS14	Float
Ph1 Substantial	01Jun11	23Jun11	16Jun11	-11
Ph1A Substantial	01Jun11	11Jan11	07Feb11	80
Ph2 Substantial	01May12	09May12	02May12	-1

- The primary critical path to Phase 1 substantial completion in the HS14 schedule submission flows through the auditorium and band/chorus room OH rough, ceilings, HVAC drops, drywall, , acoustical ceilings, prime/paint, flooring, plumbing fixtures, specialties, HVAC testing and balancing & final inspections. This path currently displays -11 days of total float.
- The secondary critical path to Phase 1 substantial completion is driven by terrazzo base and flooring install, followed up paint and HVAC testing and balancing. This path currently displays -9 days of total float.

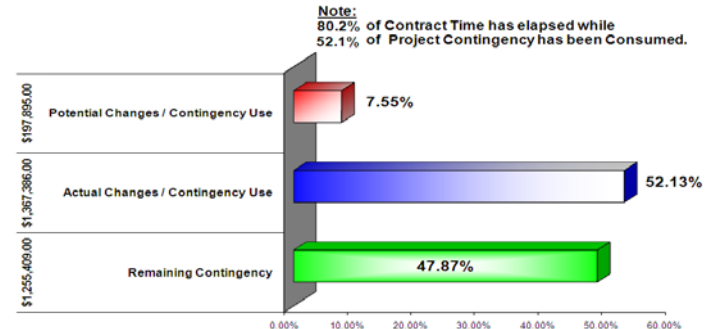


Graphs & Data

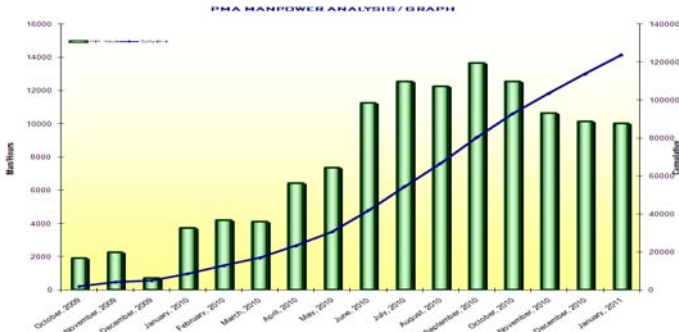
Requests for Information (RFIs)



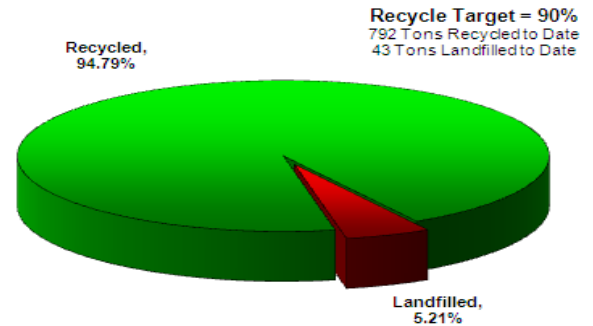
Contingency Utilization



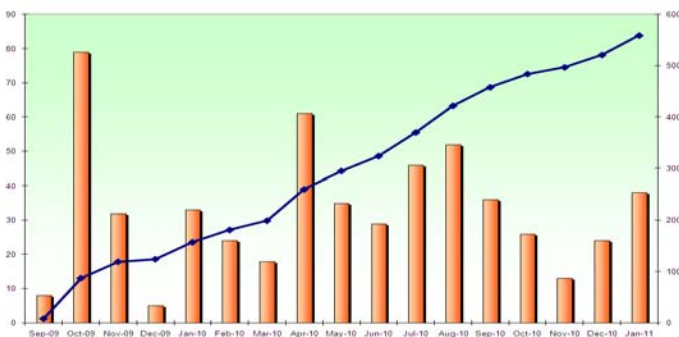
Monthly Manpower



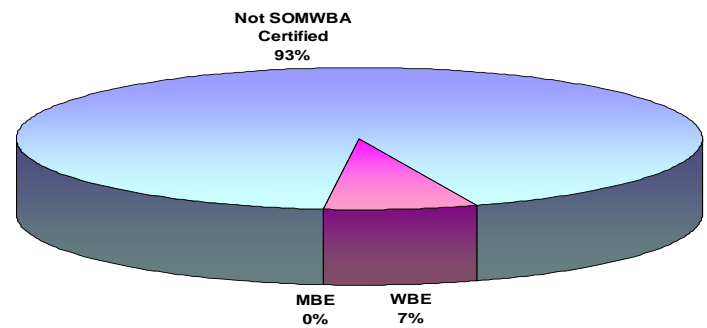
MA-CHPS Waste Management



Economic Impact – Work Force Employed To-Date



MBE / WBE Participation



PMA Change Management

PMA Potential Change Order Log

	Received	Description	Proposed Amount (\$)	Pending Amount (\$)	Approved Amount (\$)	Time Extension (Y/N)	Current Status
		Total	\$2,151,156.65	\$197,895.29	\$1,239,954.84		
PCO #14.001	1/3/2011	Stair #4 Handrail and Post	\$12,283.00	\$12,283.00		N	Open
PCO #18.001	7/30/2010	Cedar St. Grind & Re-pave	\$49,599.93	\$35,554.00		N	Open
PCO #20	6/30/2010	RFI #79 & 139 Additional Ductwork and Grills	\$6,195.04	\$3,980.29		N	Open
PCO #41(R1)	9/18/2010	Pre-cast Medallion and Brick Change	\$5,045.00	\$5,045.00		N	Open
PCO #49	1/18/2011	Added Toilet Accessories PR #49	\$13,678.00	\$13,678.00		N	Open
PCO #50	10/8/2010	Hardware Change to Intruder Function	\$5,811.00	\$5,811.00		N	Open
PCO #53	11/17/2010	Aluminum Grate Change to Stainless Steel	\$8,841.00	\$8,841.00		N	Open
PCO #56	10/29/2010	Existing Generator per RFI #270	\$11,796.00	\$0.00		N	In Dispute
PCO #57	11/2/2010	Raise Roof Drains per ASI #022	\$5,456.00	\$0.00		N	In Dispute
PCO #60.01	1/22/2011	Added Fume Hood Exhaust Fans per RFI #230	\$40,034.00	\$40,034.00		N	Open
PCO #69	11/20/2010	Re-labeling of Panel Schedules per RFI #237	\$2,743.00	\$0.00		N	In Dispute
PCO #77	12/10/2010	Labor Rate and Benefit Increase	\$40,553.00	\$0.00		N	In Dispute
PCO #78	12/10/2010	Masterswitches for Lighting Control per RFI #222	\$4,964.00	\$0.00		N	In Dispute
PCO #83	1/22/2010	Added Fence and Bollards at Playground and Musco Poles	\$11,139.00	\$11,139.00		N	Open
PCO #85	1/22/2011	Hardware Changes (TCI)	\$3,455.00	\$3,455.00		N	Open
PCO #86	1/22/2011	Stair Tile Revision per ASI #75	\$72,173.00	\$50,000.00		N	Open
PCO #87	1/22/2011	Tile Alignment & Transition	\$9,152.00	\$533.00		N	Open
PCO #88	1/22/2011	OH&P From CO #09	\$1,993.00	\$1,993.00		N	Open
PCO #80	12/10/2010	Floor Box Conduit Extensions per RFI #224.1	\$1,357.00	\$1,357.00		N	Open
PCO #55	10/27/2010	Shot-put Conversion Kit	\$4,192.00	\$4,192.00		N	Open



Town of Hanover, Massachusetts
Hanover High School

PMA Construction Services
Owner's Project Manager

Progress Photos

Science Lab Casework



Fabrication Lab



Cafeteria – Viewed from Top of Stair #4



2nd Floor Corridor



2nd Floor Corridor



Mechanical Room

