



Town of Hanover, Massachusetts
Hanover High School



PMA Construction Services
Owner's Project Manager

HANOVER HIGH SCHOOL PROJECT *April 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 577 of 611 to Ph1 Substantial:	94.4%

Project Safety Report

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

Open Scope / Potential Issues

- Gymnasium construction progress and manpower
- Procurement of acoustical clouds
- Auditorium construction progress and manpower
- Mover selection, procurement and coordination
- Stair tower 1, 2 and 5 tile installation
- Rooftop unit start-up, testing and balancing
- Telephone, network and security vendor coordination
- Verizon and Comcast installation coordination
- Commissioning coordination
- IT equipment 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 exterior punch list
- Community issues – none at this time.

Budget Status

Total Project Budget: \$50,219,351 as of 4/30/11
Actual Incurred to Date: \$41,395,954 as of 4/30/11* (82.4%)
Contingency Remaining: \$1,024,621 (39.07%)
***Subject to Final Revised PFA Agreement*

Construction Cost Summary:

Award Value (Callahan):	\$38,652,255.00
Previously Executed CO's (Net)	\$1,334,622.88
Previous Contract Value:	\$39,986,877.88
CO's Executed this Month:	\$67,216.00
Current Contract Value:	\$40,054,093.88

Construction Payment Summary:

Previous Gross Amount:	\$32,661,823.94
This Month's Gross Amount:	\$2,283,550.00
Gross Amount to-Date:	\$34,945,373.94
Retainage To-Date @ 5%:	\$1,747,268.70
Retainage Released	-\$74,215.57
Current Retainage	\$1,673,053.13
Total Net Payable To-Date:	\$33,272,320.81

Remaining Balance to Finish (gross): **\$5,108,719.94**

**NOTE: April Req amount has not been finalized.

Project Status

April 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)
- B- Building Casework 95% Complete
- Exterior Doors Underway
- Kitchen Equipment Install 60% Complete
- Entire Building Wall Board 95% Complete
- Auditorium Paint and Prime Complete
- Building A Ceiling Grid 95% Complete
- 1st Floor Ceramic 60% Complete
- Mechanical Room Finish MEP Approx 90% Complete
- Building Commissioning Continued
- Building B Classroom Rubber Floor Complete

May 2011 Forecasted Items

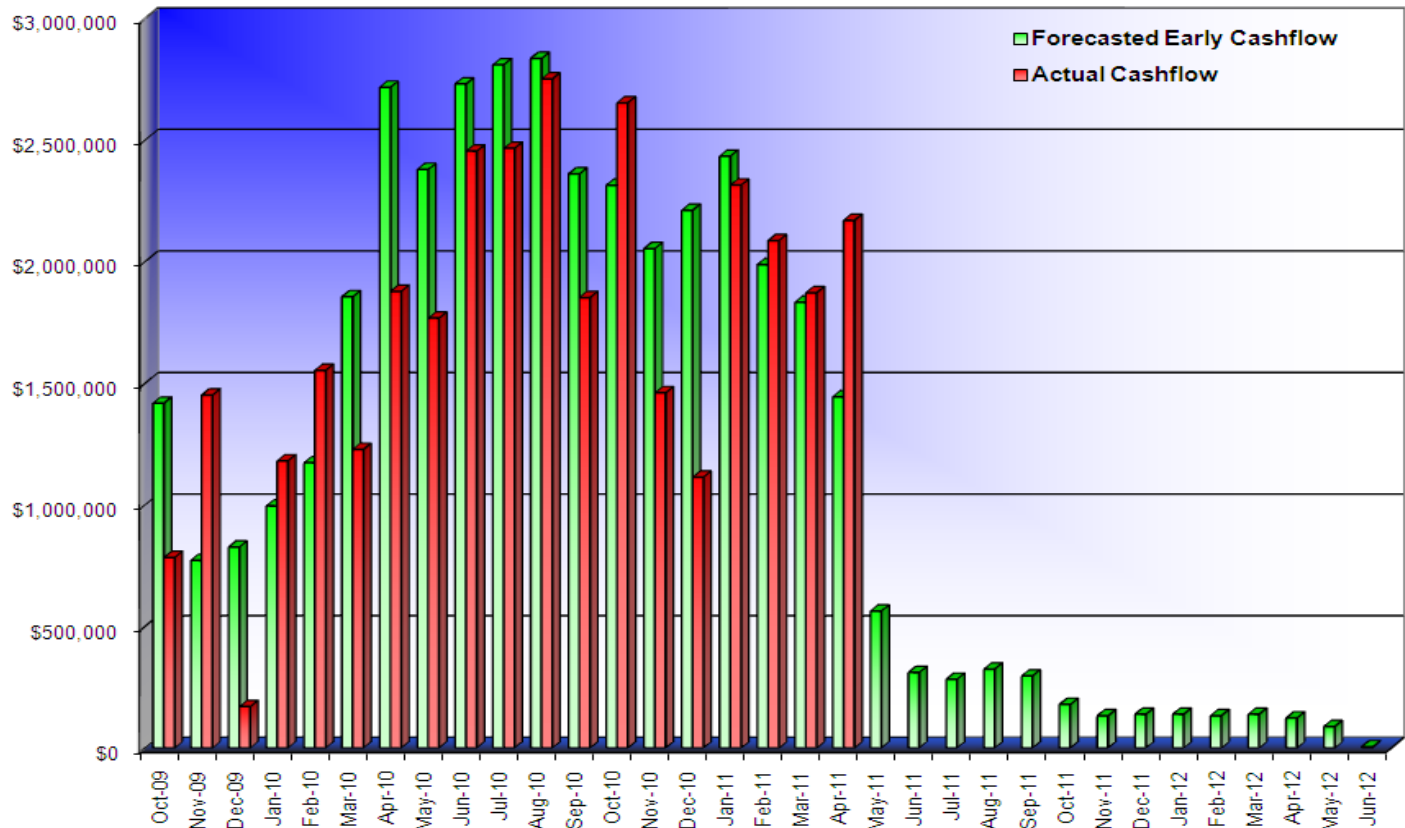
- Complete Sheetrock in Building
- Complete Building Prime/Paint
- Complete Terrazzo Installation
- Complete Building Tile Installation
- Complete Kitchen Equipment Installations
- Complete Door Installation
- Complete Metal Panel Installation
- Complete Auditorium MEP
- Complete Window Installation
- Complete Radiant Panel/Fin-tube Heating Installation
- Complete RTU Startup/Balancing
- Start Phase 1 Punchlist



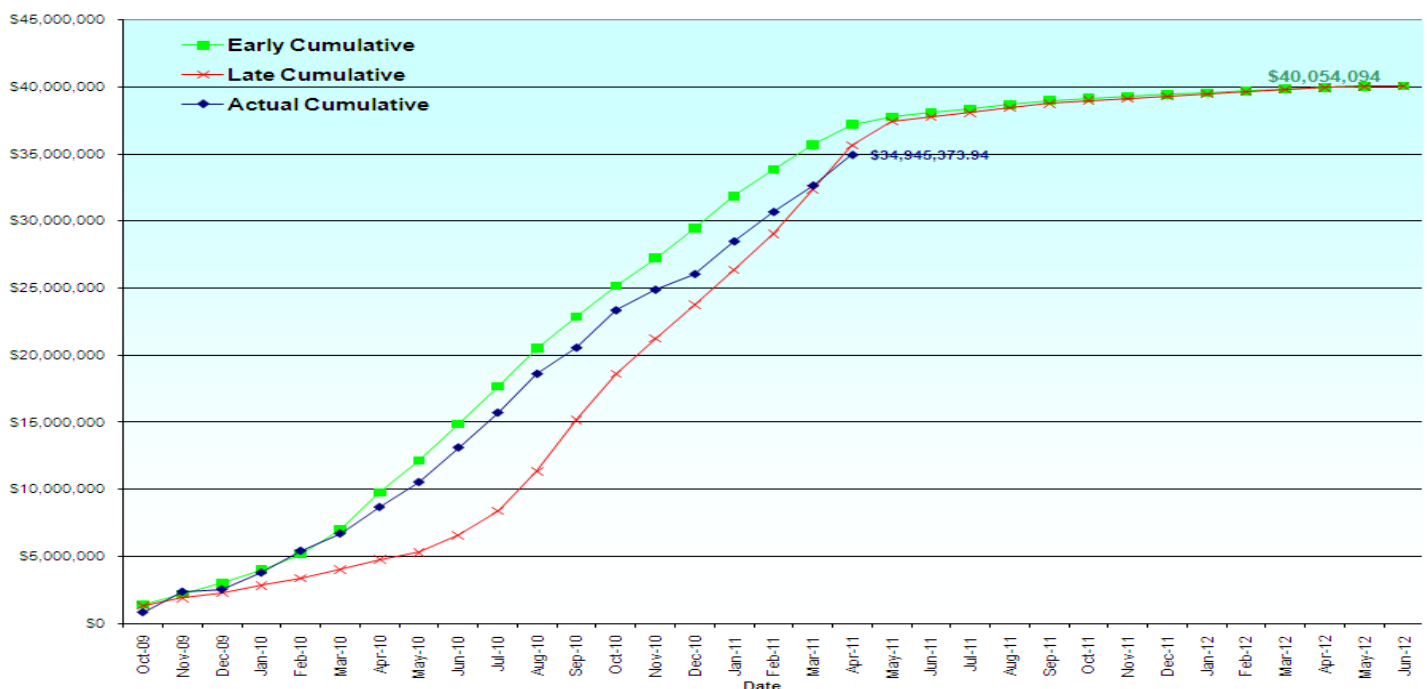
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Monthly Cashflow Projection



Cumulative Cashflow Projection



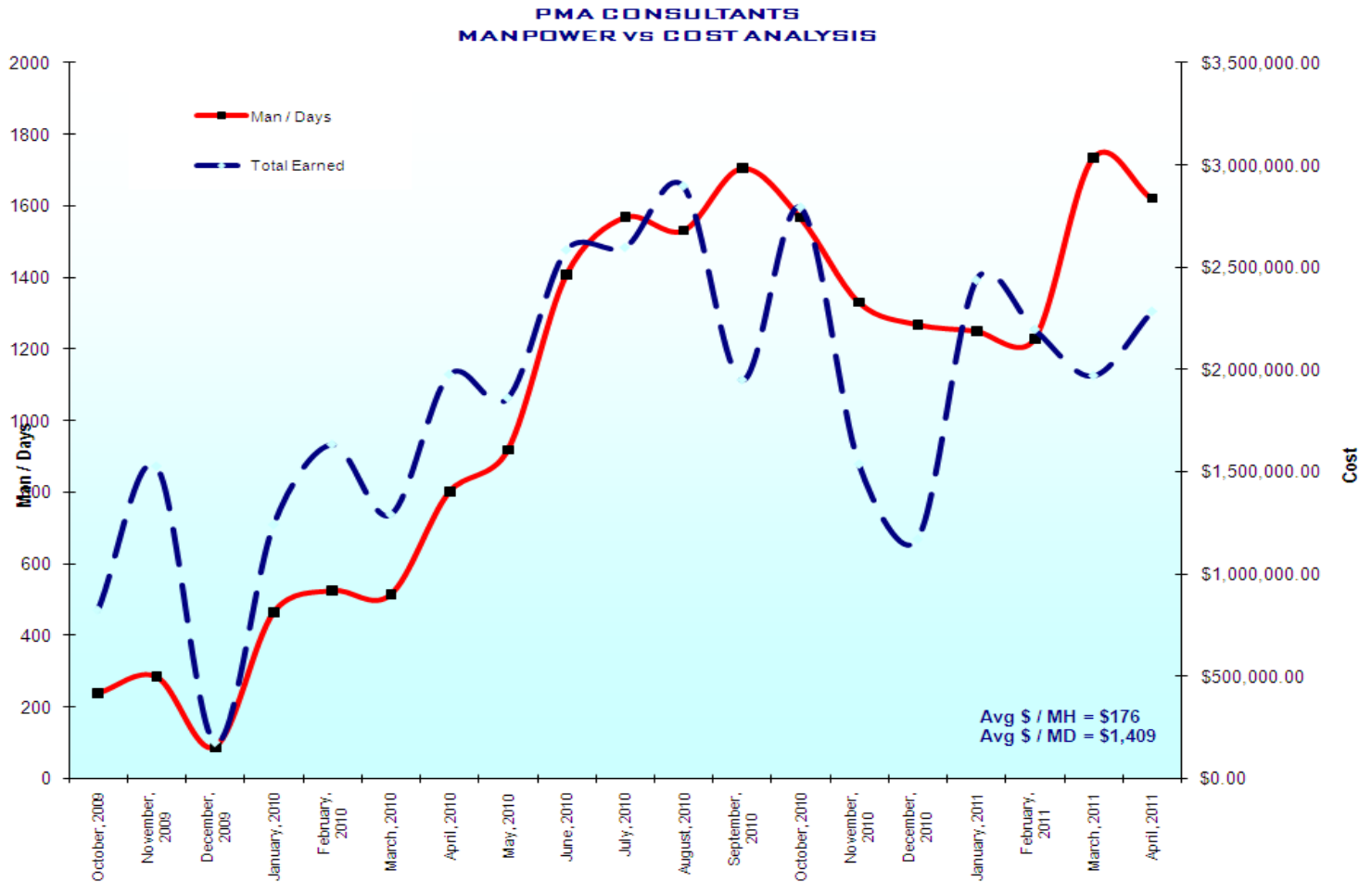


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Manpower vs Cost Analysis



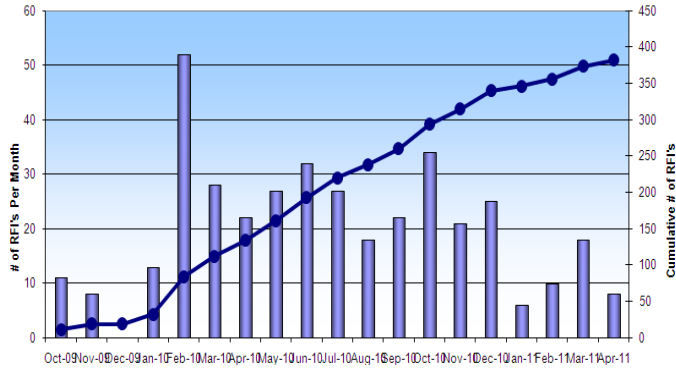
Milestone Dates

Milestone Dates	Forecast	Actual	Status	Schedule Notes
Construction Start - NTP		28-Sep-09	√	On Schedule
Complete Terrazzo Installation	5-May-11			Critical Path Impact- Working to Mitigate
Begin Gym Floor Installation	9-May-11			On Schedule
Begin Auditorium Stage Construction	16-May-11			Critical Path Impact – Working to Mitigate
Complete Startup Checkout HVAC Systems	18-May-11			No Critical Path Impact – Float Utilized
Complete Boiler Startup/Checkout	20-May-11			On Schedule
Complete Final Painting	30-May-11			Critical Path Impact – Working to Mitigate
Phase 1 Substantial Completion	1-Jun-11			Critical Path Impact by Auditorium Progress & Terrazzo Change
Complete Move	1-Jul-11			On Schedule
Commence PHII	5-Jul-11			On Schedule

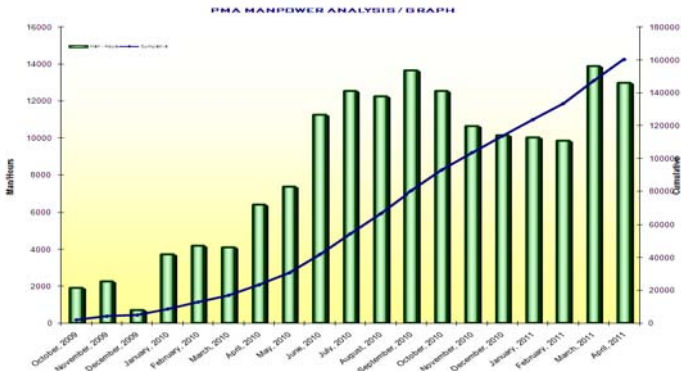


Graphs & Data

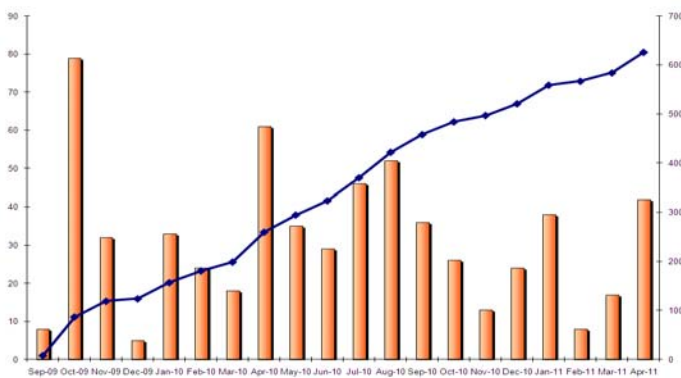
Requests for Information (RFIs)



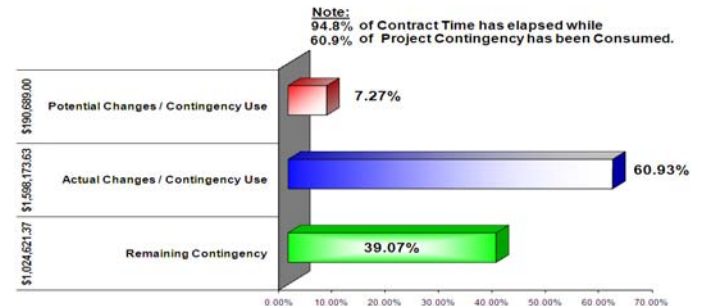
Monthly Manpower



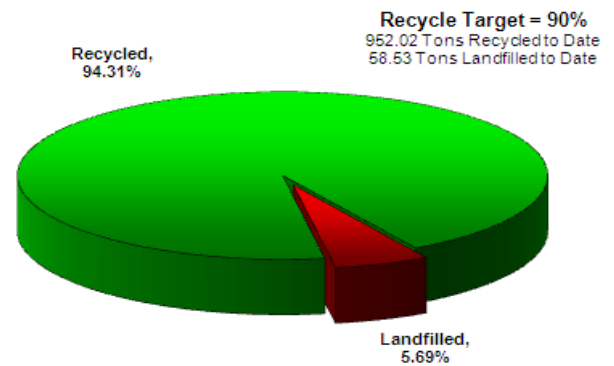
Economic Impact – Work Force Employed To-Date



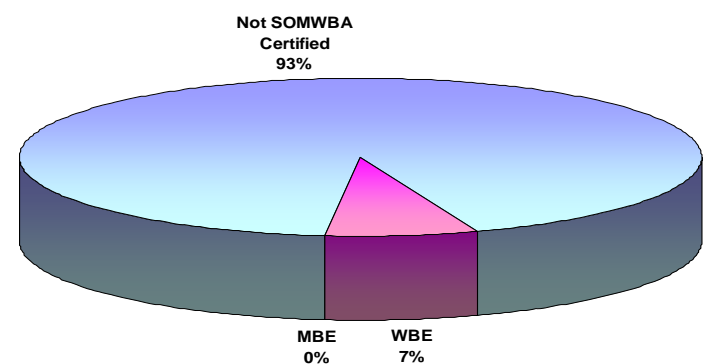
Contingency Utilization



MA-CHPS Waste Management



MBE / WBE Participation



PMA Change Management

	Received	Description	Proposed Amount (\$)	Pending Amount (\$)	Approved Amount (\$)	Time Extension (Y/N)	Current Status
		Total	\$2,213,588.21	\$150,813.00	\$1,401,838.84		
PCO #09A	3/29/2011	Added Soffit at Rain Leaders in Room B304 and B305	\$1,127.00	\$1,127.00		N	Open
PCO #100	3/5/2011	Added Diffuser & Insulation per RFI#349	\$3,263.00	\$2,821.00		N	Open
PCO #105	3/16/2011	Reseal EF-5, 6 & 18 per RFI#350	\$1,116.00	\$960.00		N	Open
PCO #109	3/31/2011	Loading Dock Column Cover	\$6,782.00	\$6,782.00		N	Open
PCO #114	4/1/2011	SS Convector Cover per PR# 14	\$3,856.00	\$3,856.00		N	Open
PCO #18.1	7/30/2010	Cedar St. Grind & Re-pave	\$49,599.93	\$35,554.00		N	Open
PCO #85	1/22/2011	Hardware Changes (TCI)	\$3,455.00	\$3,455.00		N	Open
PCO #87	1/22/2011	Tile Alignment & Transition	\$9,152.00	\$533.00		N	Open
PCO #94	2/21/2011	Fire Rated Glass at BL-7 Frames per RFI#341	\$25,440.00	\$0.00		N	Open
PCO #95	2/28/2011	Dimmer Closer at Stage per ASI#82R1	\$37,326.00	\$32,785.00		N	Open
PCO #97.1	3/18/2011	Sewage Dosing pump per PR#12	\$24,635.00	\$13,924.00		N	Open
PCO #98	3/4/2011	Added Café Lighting per ASI#87R	\$6,404.00	\$6,404.00		N	Open
PCO #116	4/14/2011	Corridor A141 per RFI#379	\$4,018.00	\$4,018.00		N	Open
PCO #107	4/14/2011	Bedrock Irrigation Well per ASI#23 and 33	\$31,494.00	\$31,494.00		N	Open
PCO #111	4/27/2011	Auditorium Wood Grills & Café Bench	\$1,263.00	\$1,263.00		N	Open
PCO #116	4/27/2011	Added Grills per RFI#298-1	\$1,552.00	\$1,552.00		N	Open
PCO #119	4/28/2011	Added Row of Snow Guards	\$4,385.00	\$4,385.00		N	Open



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Progress Photos

Guidance Main Office



Café Stair #4 from 2nd Floor



Café Stair #4 from 1st Floor



Library Casework



South Entrance



North Entrance

