





PMA Construction Services

Owner's Project Manager

HANOVER HIGH SCHOOL PROJECT

May 2010 - Monthly Status Report

Hanover High School **Project: Building Size:** 157.000 **Ph1 Substantial Completion:** June 2011 **Current Phase:** Construction **Enrollment Projection:** 800 Students **Ph2 Substantial Completion:** May 2012 **Construction Type: Facility Type: Project Total Duration: NEW** High School 32-months **Construction Start Date:** 28Sep09 **Reimbursement Rate:** 48.21% Day 246 of 611 to Ph1 Substantial: 40.3%

Project Safety Report

Safety Incidents this Month • [0] Past Major Incidents • [0] Past Minor Reportable Incidents • [2]

Open Scope / Potential Issues

- Kitchen equipment layout / Underslab utilities
- Town decision on outbuilding's façade (Brick or CMU)
- Building façade mockup construction
- Irrigation well boring, sampling & flow tests
- Science room layout modifications
- Potential roof drain relocation
- Exposed Densdeck @ roof (awaiting letter from manufacturer)
- Terrazzo contract procurement & schedule integration
- Replacement of existing asbestos containing water main under future driveway
- Completion of electrical ductbank
- Construction of athletic field drainage system
- Procurement of athletic field turf

Budget Status

Total Project Budget: \$50,076,069* as of 5/31/10 **Actual Incurred to Date:** \$12,678,733 as of 5/31/10 (25.3%)

Contingency Remaining: \$2,361,520 (90%)

*Subject to Final Revised PFA Agreement

Construction Cost Summary:	
Award Value (Callahan):	\$38,652,255.00
Previously Executed CO's (Net)	\$125,754.57
Previous Contract Value:	\$38,778,009.57
CO's Executed this Month:	\$0.00
Current Contract Value:	\$38,778,009.57

Construction Payment Summary:

Previous Gross Amount: \$8,674,009.69 This Month's Gross Amount: \$2,262,480.68* Gross Amount to-Date: \$10,936,490.38* Retainage To-Date @ 5%: \$546,824.52* Retainage Released \$0.00 Current Retainage \$546,824.52* Total Net Payable To-Date: \$10,389,665.86*

Remaining Balance to Finish (gross):

Project Status

May 2010 Progress

- Site Drainage System Installation Progressing
- Continued Utility Ductbank Installation
- Completed Slab on Deck Concrete Placement
- Gymnasium Slab on Grade Poured
- Continued Prepping Bldg Footprint for Slab on Grade Placement
- UG Electric Conduit in Bldg Approximately 95% Installed
- UG Plumbing Approximately 95% Complete & Backfilled

- Concession & Maintenance Bldg Shells Completed
- Interior Framing Currently 30% Complete
- Newton Roofing Approximately 50% Complete
- Exterior Wall Framing 60% Complete & Sheathed
- Spray Applied Fireproofing Approximately 35% Complete
- Mechanical Ductwork Approximately 15% Complete
- Interior Plumbing Underway

June 2010 Forecasted Items

- Continue Slab on Grade Placement
- Continue In-wall Plumbing & Begin Interior Electric
- Continue Mechanical Ductwork
- Continue Installation of Underground Electric
- Continue Installation of Site Drainage

- Construct Outbuilding Façade (owner decision needed)
- Continue Athletic Field Construction
- Complete Roof Installation
- Continue Spray Fireproofing
- Submit/Approve Critical Path Product Submittals

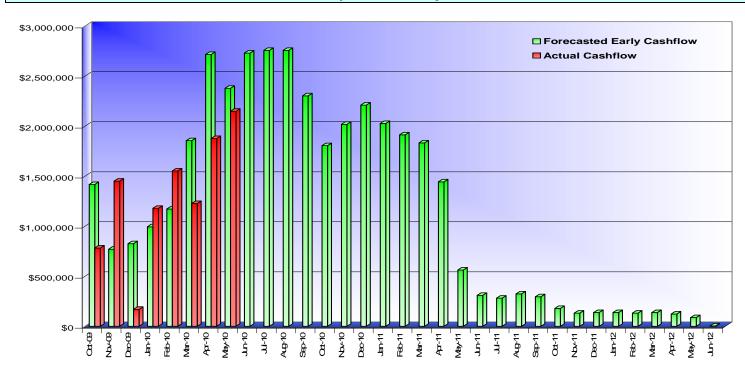




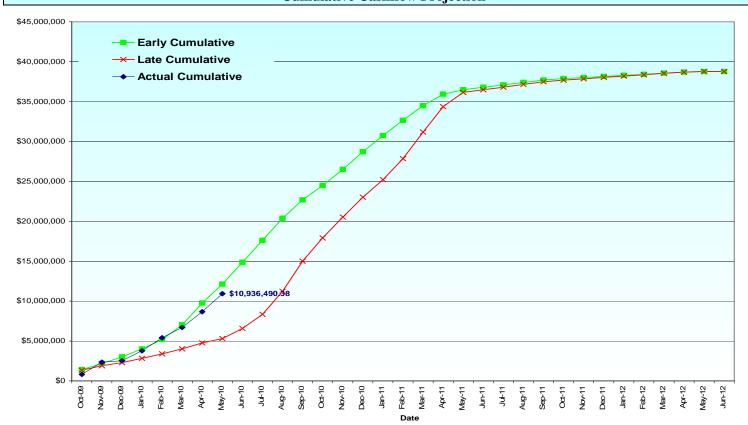
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Monthly Cashflow Projection



Cumulative Cashflow Projection





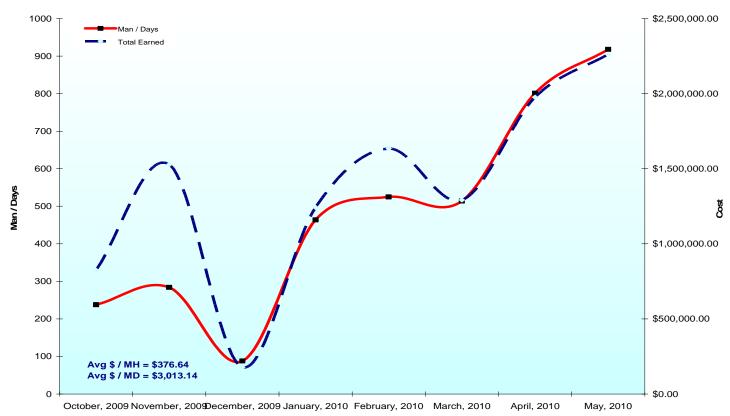


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Manpower vs Cost Analysis

PMA CONSULTANTS MANPOWER VS COST ANALYSIS



PMA Change Management

	Potential Change Orders									
	Issued By / For	Scope	Proposed Cost (A)	PMA Analysis (B)	Approved Cost (C)	DELTA (A - C)	Pending Costs	PMA Notes	Time	Granted Time Extension (Days)
		TOTALS:	\$235,060.42	\$178,450.90	\$202,754.97	\$32,305.45	\$77,000.00			
PCO #6	Lopes / Sitework	Waterline Replacement Option #1 (Lopes)	\$84,507.51	\$52,706.90	\$77,000.00	\$7,507.51	\$77,000.00	Option #1 Under Review - Lopes recommended route - Cost appears high and assumes 8 days to install, PMA believes installation can be done in -4 days. PCO does not include Callahan costs to repair fence & other incidentals. Update 5/20: WILL PROCEED on T&M basis NTE \$77k, cost to be finalized in CO.	0	0
PCO #7	Lopes / Sitework	Force Main Repair	TBD	TBD		TBD	TBD	PCO not yet rec'd	0	0
PCO #8	Lopes / Sitework	Add'l MH & Wider Ductbank for NGRID	TBD	TBD		TBD	TBD	PCO not yet rec'd	0	0



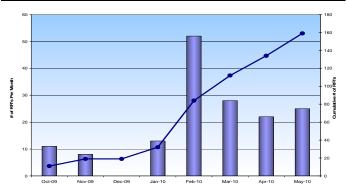


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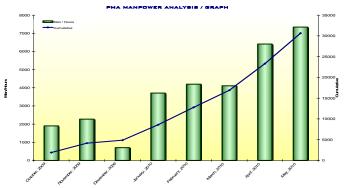
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Graphs & Data

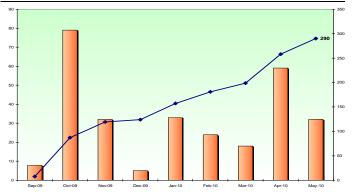
Requests for Information (RFIs)



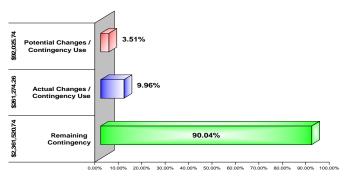
Monthly Manpower



Economic Impact – Work Force Employed To-Date



Contingency Utilization



Milestone Dates						
Milestone Dates	Baseline	Forecast	Actual	Status	Schedule Notes	
Construction Start - NTP	01Oct09		28Sep09	$\sqrt{}$	On Schedule	
OH MEP Work Start Milestone	20Apr10		12Apr10	$\sqrt{}$	On Schedule	
Building Envelope Start Milestone	28Apr10		26Apr10	$\sqrt{}$	On Schedule	
Begin Slab on Grade Placement	05Feb10		27May10		No Critical Path Impact – Float Utilized	
Weather Tight - Class Room Wing	27Jul10	09Jul10		$\sqrt{}$	On Schedule	
Weather Tight - Cafetorium	31Aug10	12Jul10		$\sqrt{}$	On Schedule	
Weather Tight - Gymnasium	27Aug10	19Aug10		$\sqrt{}$	On Schedule	
Weather Tight - Auditorium	31Aug10	23Aug10		$\sqrt{}$	On Schedule	
Ph1A Substantial Completion	15Oct10	31Aug10		$\sqrt{}$	On Schedule	
Ph1 Substantial Completion	01Jun11	01Jun11	10600	$\sqrt{}$	On Schedule	

HS06 Schedule Submission

Contract Milestone Analysis									
Phase	Contract	HS05	HS06	Float					
Ph1 Substantial	01Jun11	07Jul11	01Jun11	0					
Ph1A Substantial	01Jun11	04Jan11	31Aug10	193					
Ph2 Substantial	01May12	06Jun12	01May12	0					

- The primary critical path to Ph1 Substantial Completion currently runs through the Kitchen Equipment submittal & approval process and is showing 0 days of Total Float. This path continues to completion of UG plumbing/electrical, placement of slab-on-grade, interior layout/framing, inwall electrical/plumbing, interior finishes, equipment start-up, and testing/inspections.
- The secondary path to Ph1 Substantial Completion displays 3 days of total float and currently flows through Audtiorium exterior framing/sheathing/AVB activities to the Auditorium Weather-Tight milestone. This path continues on to auditorium interior finishes and testing/inspections.





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Progress Photos







