

New Woodland High School

Woodland Public Schools



Aerial view 04.16.2014

Construction Management Report

April 2014

New Woodland High School
1500 Dike Access Road

Project Status

Construction Progress:

Site

- On-site utilities are continuing (storm, sanitary, water, electrical.). Sanitary sewer outside the building is mostly complete except for connection to grandstand. Storm sewer in the south parking area is making good progress. Infiltration swales are under construction.
- The surcharging on the football field and grandstand areas is complete and the contractor has begun removing and redistributing that material over the practice fields.
- A temporary parking area has been constructed for worker parking.

Building

- Structural steel erection has begun on the north classroom wing and is essentially complete except for final field welding. Columns, second floor and roof members have been placed. Metal decking for the roof and second floor will begin this week. Steel erection on south classroom wing will begin next week.
- Concrete block (CMU) around the main gym is about 70% complete. CMU around auxiliary gym will begin next week.
- Foundations are mostly complete. Areas north and south of the main gym have been left open for access.
- Under slab utilities (electrical conduits and plumbing) inside the building are mostly complete.

Schedule:

- The current schedule by Skanska has Substantial Completion occurring on July 17, approximately 11 days beyond contract completion date. Skanska has submitted a delay claim for the Geogrid/raising of footings CCD003R1. The team has been working to resolve the claim (cost and time).
- The construction is progressing on-schedule per the revised 04/14/14 proposed schedule.



Owner Notice to Proceed	0	0	20-Nov-13 A	
Total Project Duration (Calendar Days)	547	485	02-Dec-13 A	17-Jul-15
Start Construction	0	0	02-Dec-13 A	
Sitework/Earthwork/Utilities	385	299	02-Dec-13 A	21-May-15
Material & Equipment Procurement	92	62	31-Dec-13 A	16-Jun-14
High School Superstructure	125	90	13-Jan-14 A	25-Jul-14
Gymnasium Superstructure & Enclosure	189	132	30-Jan-14 A	24-Sep-14
High School Building Enclosure	152	152	12-May-14	16-Dec-14
Athletic Fields & Buildings	225	225	19-May-14	07-Apr-15
1st Level North Classroom Wing Buildout	160	160	02-Jul-14	18-Feb-15
2nd Level North Classroom Wing Buildout	160	160	24-Jul-14	11-Mar-15
1st Level South Classroom Wing Buildout	160	160	24-Jul-14	11-Mar-15
2nd Level South Classroom Wing Buildout	160	160	14-Aug-14	01-Apr-15
Commons Area Buildout	160	160	11-Sep-14	28-Apr-15
Gymnasium, Locker Rooms & Fitness Buildout	186	186	25-Sep-14	18-Jun-15
Music & Choir Room Buildout	160	160	02-Oct-14	19-May-15
Culinary Arts Lab Buildout	160	160	23-Oct-14	10-Jun-15
Kitchen & Servery Buildout	166	166	13-Nov-14	10-Jul-15
Project Commissioning & Closeout	191	191	16-Dec-14	15-Sep-15
Substantial Completion	0	0		17-Jul-15
Final Completion	0	0		15-Sep-15

Financial Review:

Construction Contract Amount:	\$43,538,000	
<u>Change Orders to-date:</u>	<u>\$561,263</u>	1.2%
Total Contract amount:	\$44,099,263	
Completed to-date:	\$6,441,827	14.6%
 Pending Change Order No. 05:	 \$49,621	
(Pending board approval)		

See attached Change Order Log. Although we have 1.2% in change orders thus far, the majority of that amount is the \$525,000 for the field turf. Without the turf addition, the changes amount to \$85,793 (including CO No. 5) or about .02% (two tenths of 1%)

Change Order Requests/Proposal Amount: \$436,917

This is the amount that is currently proposed as changes to the contract by the contractor or by the school district

(Approximately \$366,000 of the requested amount above is due to pending geo-grid schedule impacts for time and materials)

Photos:

Additional photos available via web camera access: www.dwpwebcams.com/whs/desktop.htm



North Classroom Wing framing



North Classroom Wing framing



North Classroom Wing framing



North Classroom Wing framing



Main Gym wall construction



Main Gym wall construction



CMU installation at Main Gym



Main Gym slab and wall construction



Ongoing foundation work



Ongoing foundation work



Underground electrical conduits



Electrical Conduits to main electrical room



Stock piled roof trusses



Fabricated stairs prior to installation



Stock piled structural steel



Stock piled rebar



Stock piled metal deck



Stock piled concrete block



South parking lot (temporary)



Infiltration swales at south parking lot



Rain Garden at SE corner of parking lot



Storm sewer installation at south parking lot



Aerial photo (bldg. and parking lot)



Aerial photo (NW corner/athletic fields)

Change Order Log					
Woodland High School					
No.	Issue Date	COP# COR#	Description Pricing	Amount Approved	Sub Amount
#001	12/18/2013	COP 001	Add Emergency Eye Wash	\$ 2,264.00	
		COP 002	Change elevator and Shaft	\$ 2,846.00	
					\$ 5,110.00
#002	2/11/2014	CCD 002	Pot hole for Geo grid	\$ 5,161.00	
		COP 007	Plumbing Changes at Culinary Arts Casework	\$ 4,012.00	
		COR 009	Extend Sanitary to Grandstand RFI#36	\$ 643.00	
		COR 012	Below Grade Vents per RFI#26 and RFI#29	\$ 1,746.00	
		COR 019	Double Welded Columns RFI041 (half of cost)	\$ 793.06	
		COR 020	Columns Location at Gridline L/14 RFI#042 (half of cost)	\$ 528.50	
		COR 021	Electrical Service Questions per RFI #49	\$ 4,895.00	
		COR 026	Geogrid Repair at Footings per RFI #61	\$ 1,127.78	
					\$ 18,906.34
#003	3/12/2014	CCD 004	Add Bentonite Under Elevator Pit	\$ 1,199.00	
		CCD 008	COP 011 4" CMU at Veneer Starter Course	\$ (4,113.00)	
		COP 003	Delta 4 Changes	\$ (3,426.00)	
		COP 004	PUD Service Changes	\$ -	
		COP 008	Change Extent of Perforated Roof Deck	\$ -	
		COP 012	Change Door 1401CB	\$ (2,326.00)	
		COP 014	Change Cross-Vent Blocking to 1 1/2" Thick	\$ 4,976.00	
		COP 015	Change Plumbing at Culinary Arts Hand Sinks	\$ (611.00)	
		COR 022	Nutter Geogrid Costs	\$ 6,512.00	
		COR 023	Delete 10 Dilution Tanks	\$ (1,143.00)	
		COR 027	RFI#52 Roof Drain Connection	\$ 4,711.00	
		COR 032	RFI#67 1/8" Slope for Plumbing	\$ (1,736.00)	
		COR 034	Detailing Costs for Bent Plate at Canopy	\$ 2,346.00	
		COR 035	Change Duct Routing at Hoist Beam RFI#093	\$ 1,356.00	
		COR 040	Oil Water Separator Elevation	\$ 4,411.00	
					\$ 12,156.00
#004			Accept Alt. No 2 Synthetic Turf Field	\$ 525,000.00	
					\$ 525,000.00



#005		CCD 06R1	Service Yard Utilities	\$ 19,237.00	
		CCD 010	Add Camber to beams	\$ 1,083.00	
		COP 009R1	Power to Curtain and Operable Panel Partition	\$ 1,516.00	
		COP 010	Thickened Slab Edge at gyms	\$ (1,170.00)	
		COP 013	Rack and Panel move at IDF at Gyms	\$ 15,077.00	
		COR 050	Brace Frame Footing RFI# 140	\$ 342.00	
		COR 053	CMU reinforcement RFI 136	\$ 2,244.00	
		COR 054	Sanitary Sewer Modifications RFI 125	\$ 1,480.00	
		COR 057	Fire Protection Line at Service yard Door	\$ 1,283.00	
		COR 058	Additional Joist Loading at N and S classroom wings	\$ 8,529.00	
					\$ 49,621.00
				Total	\$ 610,793.34

