

Volume 6 – August 2020



Fox Chapel High School Site Improvements
Phase 2
Fox Chapel Area School District







Monthly Progress Report



T&W Project 19027



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EXECUTIVE SUMMARY

Site Improvements | Fox Chapel Area HS – Phase 2
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August 2020 – Wrapping up

All paving work has been completed and is now in the punch list phase of the project. The Electrical Contractor is 70% complete with the placement of site lighting poles and bases.

The Electrical Contractor will complete setting light poles and move forward with approved change order work to install new wall pack lights on the building perimeters of the High School and Field House.

PROGRESS SUMMARY

Site Improvements | Fox Chapel Area HS – Phase 2
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Work Planned for this Period

- Continue installing light poles and bases.

Work Accomplished this Period

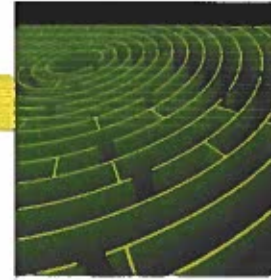
- All site paving work was completed.
- Completed all line striping.
- Install light pole bases and wiring.
- Install poles and lights.

Work Planned for Next Period

- Begin the installation of the new wall mounted site lighting (those provided by change order.)
- Complete the wiring to the new site light poles at the Faculty Parking Lots.

PHASING SUMMARY

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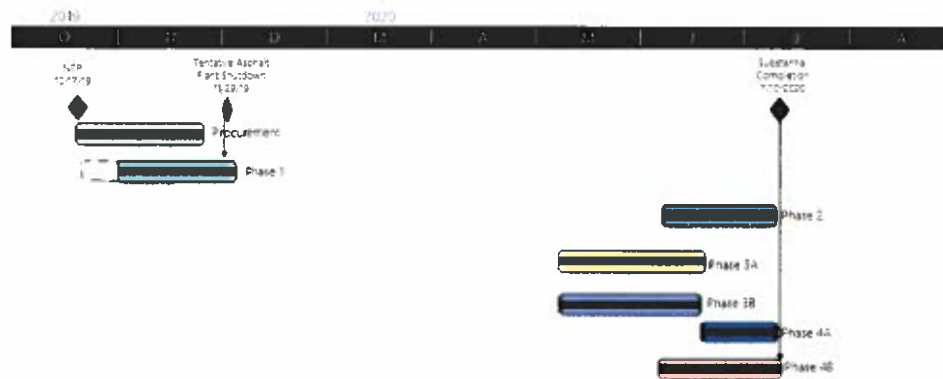


Scheduled Work:
-Complete site lighting, wiring and bases



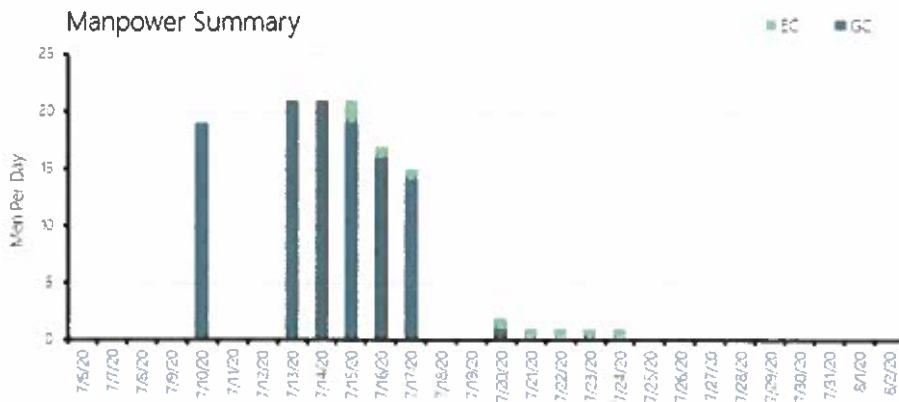
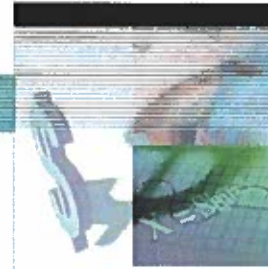
- Phase 1 - Replacement of Asphalt Pavement
- Phase 2 - Replacement of Asphalt Pavement
- Phase 3A - Replacement of Asphalt Pavement & Removal/Replacement of Existing Lighting
- Phase 3B- Replacement of Asphalt Pavement & Removal/Replacement of Existing Lighting
- Phase 4A - Replacement of Asphalt Pavement & Removal/Replacement of Existing Lighting
- Phase 4B- Replacement of Asphalt Pavement & Removal/Replacement of Existing Lighting

Baseline Summary

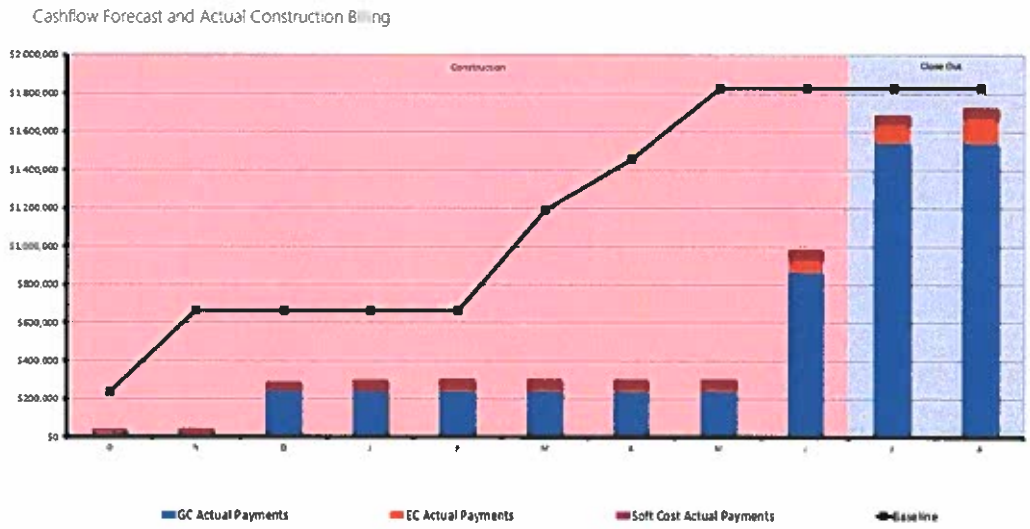


ANALYTICS

Site Improvements | Fox Chapel Area HS
Fox Chapel Area School District

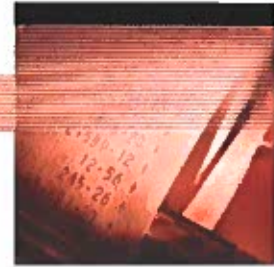


Project Labor for Current Period: 120 Man-Days
 Project Labor for Previous Period: 194 Man-Days
 Grand Total – All Project Labor to Date: 314 Man-Days



BUDGET REPORT

Fox Chapel Area HS Site Improvements - Phase 2
Fox Chapel Area School District



Project Budget Summary

Hard Costs	Original Contract Value	Change Orders Pending		Approved Chg Orders	Current Contract Value
		Ratification	Approval		
Prime Contractors					
General Construction	\$1,634,005.88	\$0.00	\$0.00	\$0.00	\$1,634,005.88
Electrical Construction	\$211,300.00	\$0.00	\$0.00	\$32,025.00	\$243,325.00
Summary of Hard Cost	\$1,845,305.88	\$0.00	\$0.00	\$32,025.00	\$1,877,330.88
Basic Contingency	\$92,265.00	\$0.00	\$0.00	(\$32,025.00)	\$60,240.00
Summary of Hard Cost Plus Basic Contingency	\$1,937,570.88				



Summary of Prime Contractors' Applications for Payment

Application No: 4
Application Date: 07/31/20
Period From: 07/01/20
Period To: 07/31/20
Project Nos: 19027

Prime Contractors	A	B	C	D	E	F	G	H	I	J	K
	Original Contract Value	Change Orders in the Work	Contract Value to Date	Work in Place to Date	Stored Materials (WIP & D to D)	Total Contract and Stored to Date	Retainage Amount	Previous Payments	Current Payment (B-H)	Balance to Finish (K-E)	
Shields Asphalt Paving	1,634,005.88	0.00	1,634,005.88	1,624,205.88	-	1,624,205.88	81,210.29	1,542,995.59	(0.00)	91,010.29	
Merrit Electrical Group, Inc	211,300.00	0.00	211,300.00	139,927.43	-	139,927.43	13,992.74	93,477.18	32,457.51	85,365.31	
TOTALS	1,845,305.88	0.00	1,845,305.88	1,764,133.31	0.00	1,764,133.31	95,203.04	1,636,472.77	32,457.50	176,376.61	



Soft Costs

	Budget	Budget Adj Amts	Less Expended	Remaining Budget
Construction Related Cost				
Design Fee	\$42,479.00	\$0.00	\$42,479.00	\$0.00
Total Construction Related Cost	\$42,479.00	\$0.00	\$42,479.00	\$0.00
Construction Related Cost				
Construction Testing	\$3,179.00	\$0.00	\$0.00	\$3,179.00
Permits and Approval Fees	\$2,415.00	\$0.00	\$857.31	\$1,557.69
Advertising	\$1,250.00	\$0.00	\$0.00	\$1,250.00
Construction Manager Fee	\$30,603.00	\$0.00	\$18,360.00	\$12,243.00
Geotech Report/Borings/Sub-surface Ex	\$5,427.00	\$0.00	\$0.00	\$5,427.00
Land Survey	\$3,439.00	\$0.00	\$0.00	\$3,439.00
Blueprinting	\$1,250.00	\$0.00	\$0.00	\$1,250.00
Code Review	\$1,255.00	\$0.00	\$0.00	\$1,255.00
Video Camera Inspection of Storm Lines	\$2,870.00	\$0.00	\$0.00	\$2,870.00
Total Construction Related Cost	\$51,688.00	\$0.00	\$19,217.31	\$32,470.69
Summary Soft Cost	\$94,167.00	\$0.00	\$61,696.31	\$32,470.69
Soft Cost Contingency	\$7,203.00	\$0.00	\$0.00	\$7,203.00
Summary of Soft Cost + Contingency	\$101,370.00	\$0.00	\$61,808.81	\$39,561.19

Total Project Value (Hard + Soft Cost) : \$2,038,940.88



Change Orders

Pending Board Ratification

The Administration has approved the issue of the following change orders to the construction contracts for the following school projects.

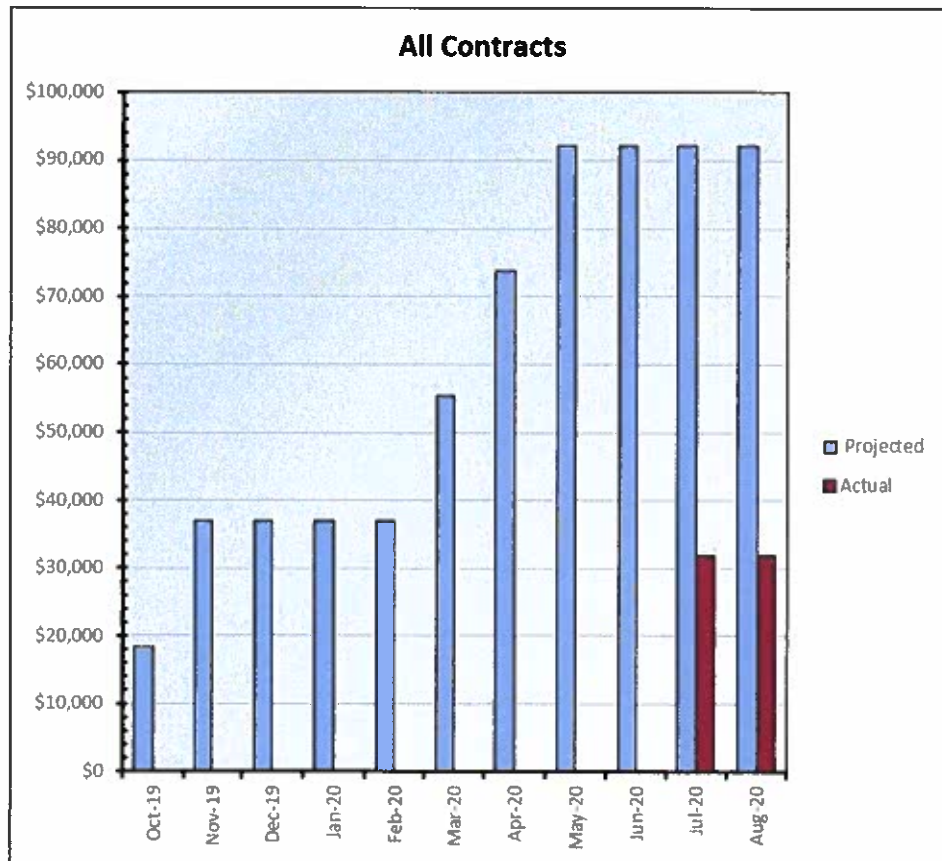
The complete change order document is attached to the Official Minutes.

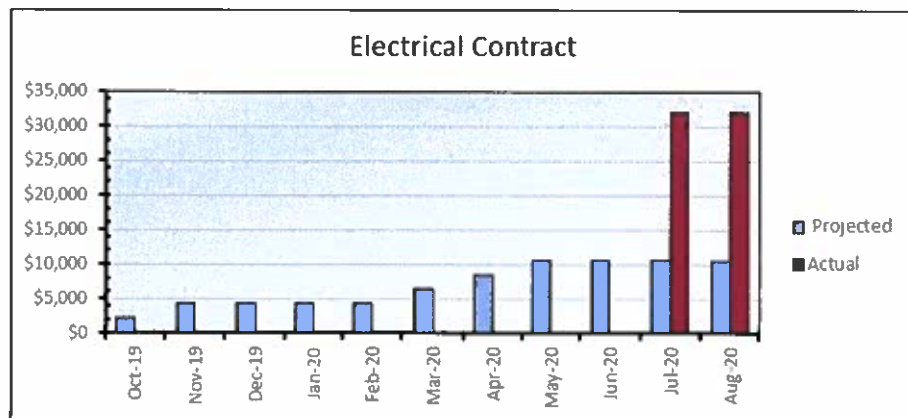
None



Project Contingency Spending

The charts below illustrate the impact of the change order spending on the Project Contingency. The Project Contingency was established at \$92,2650.00 within the total Project Budget of \$2,038,940.88. Upon receipt of bids and the placement of contracts, T&W apportioned the available Project Contingency to the individual prime contracts on the following pages. The amount shown above the highest blue "Projected" bar is calculated by dividing the original value of the contract by the total original value of all contracts and by multiplying the Project Contingency by that percentage. That amount (for each contract) is then allocated in uniform increments in order to form a Baseline to measure the solvency of the Project Contingency by comparing the Actual Change Orders placed (red bars) versus the Baseline.





PHOTOS

Site Improvements | Fox Chapel Area HS – Phase 2
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Light pole and base.



Student parking line striping.

