

Volume 4 – June 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

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June 2020 – Moving Forward

Due to the stay-at-home order handed down by the Governor, the paving and electrical contractor were not able to return to the site until early May. Once the contractors were able to remobilize to the site, the General Contractor began where it left off in December.

With activities limited at the site, T&W has worked closely with the Administration to enable work to be performed in multiple phases of the project concurrently. In performing the phases concurrently, the contractors have cooperated with the District and have adjusted to evolving issues such as students picking up items from their lockers, distribution of graduation caps and gowns and graduation ceremonies held onsite.

It is planned that the paving, line stripping and installation of the new lighting will be completed prior to the official start of the fall sports practices.

PROGRESS SUMMARY

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Work Planned for this Period

- Remobilization and site layout.
- Milling of asphalt in all phases.
- Rejuvenation of subbase.
- Placement of binder as subbase complete.
- Installation of new underground conduit and light pole bases.

Work Accomplished this Period

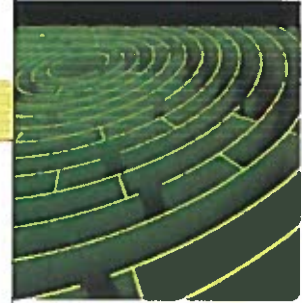
- Mobilization occurred.
- Milling and rejuvenation of the subgrade and subbase was completed in Phase 1.
- New catch basin installed.
- Catch basin tops reset in Phase 1.

Work Planned for Next Period

- Place asphalt in all Phases.
- Complete the installation of the new site lighting.

PHASING SUMMARY

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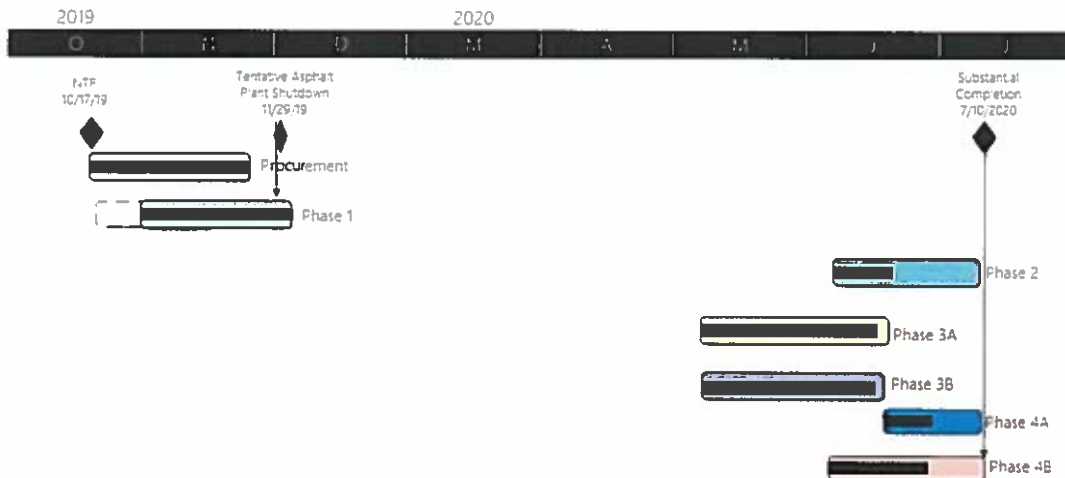


Scheduled Work:
-Install binder course in the Phase 1 area.



- 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



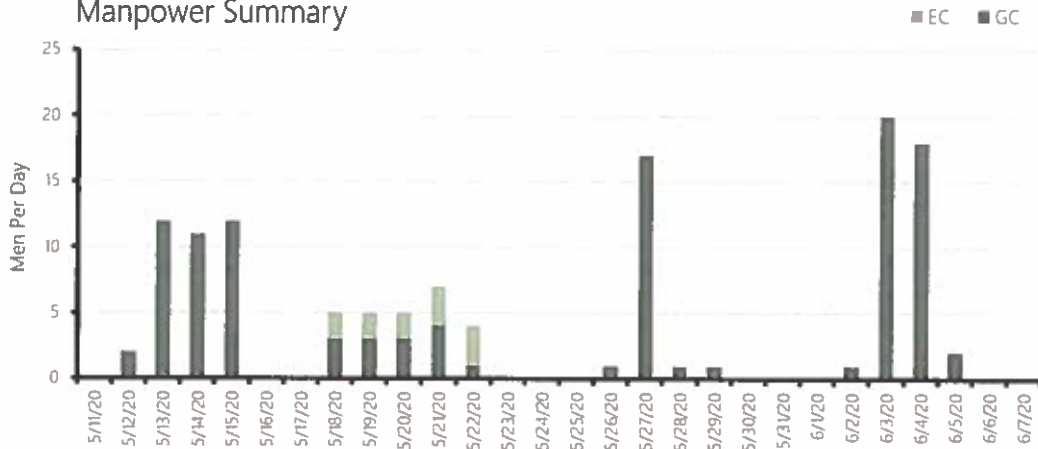


ANALYTICS

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

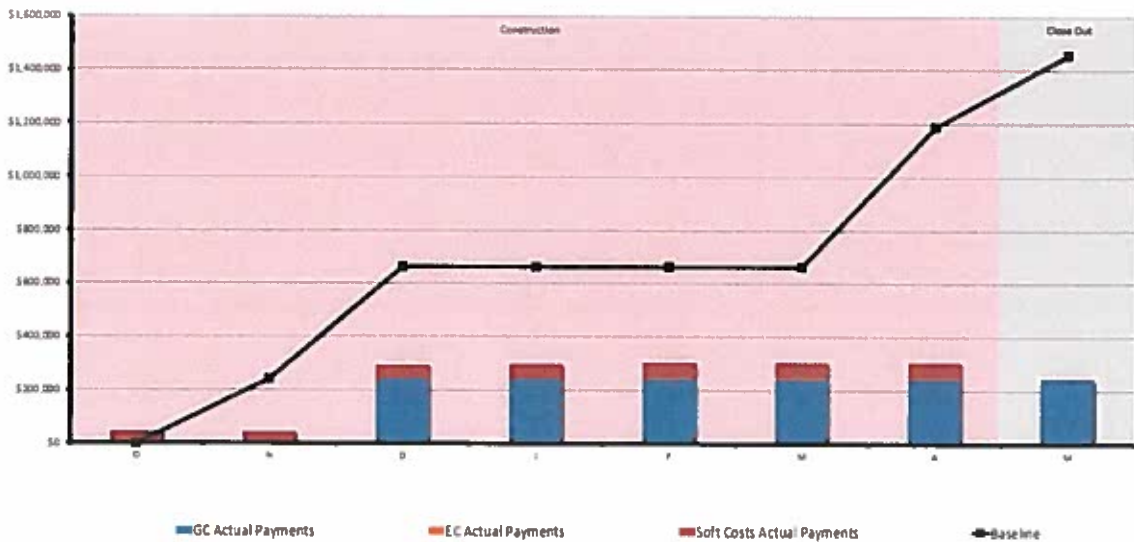


Manpower Summary



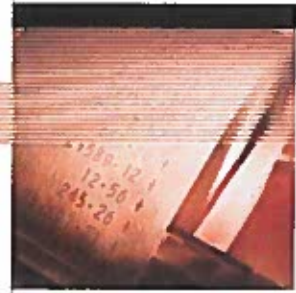
Project Labor for Current Period: 49 Man-Days
 Project Labor for Previous Period: 10 Man-Days
 Grand Total – All Project Labor to Date: 149 Man-Days

Cashflow Forecast and Actual Construction Billing



BUDGET REPORT

Fox Chapel Area HS Site Improvements - Phase 2
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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	\$0.00	\$211,300.00
Summary of Hard Cost	\$1,845,305.88	\$0.00	\$0.00	\$0.00	\$1,845,305.88
Basic Contingency	\$92,265.00	\$0.00	\$0.00	\$0.00	\$92,265.00
Summary of Hard Cost Plus Basic Contingency	\$1,937,570.88				

Summary of Prime Contractors' Applications for Payment

Application No: 2
 Application Date: 05/25/20
 Period From: 05/01/20
 Period To: 05/31/20
 Project Nos: 19027

	A	B	C	D	E	F	G	H	I	J	K
Prime Contractors	Original Contract Sum	But Changes in the Work	Contract Sum to Date	Work in Place to Date	Retained Materials (Plan in Desc. B)	Total Completed and Retained to Date	Retention Amount	Payments Payments	Current Payment (F-H)	Balance to Finish (C - I)	
Shields Asphalt Paving	1,634,005.88	0.00	1,634,005.88	960,078.85	-	960,078.85	96,007.89	243,602.72	620,468.24	769,934.92	
Merit Electrical Group, Inc	211,300.00	0.00	211,300.00	72,653.53	-	72,653.53	7,265.35	6,300.00	59,088.18	145,911.82	
TOTALS	1,845,305.88	0.00	1,845,305.88	1,032,732.38	0.00	1,032,732.38	103,273.24	249,902.72	679,556.42	915,846.74	



Soft Costs

	Budget	Budget Adj Amts	Less Expended	Remaining Budget
Construction Related Cost				
Design Fee	\$42,479.00	\$0.00	\$54,719.00	(\$12,240.00)
Total Construction Related Cost	\$42,479.00	\$0.00	\$54,719.00	(\$12,240.00)
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	\$12,240.00	\$18,363.00
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	\$13,097.31	\$38,590.69
Summary Soft Cost	\$94,167.00	\$0.00	\$67,816.31	\$26,350.69
Soft Cost Contingency	\$7,203.00	\$0.00	\$0.00	\$7,203.00
Summary of Soft Cost + Contingency	\$101,370.00	\$0.00	\$67,816.31	\$33,553.69

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.

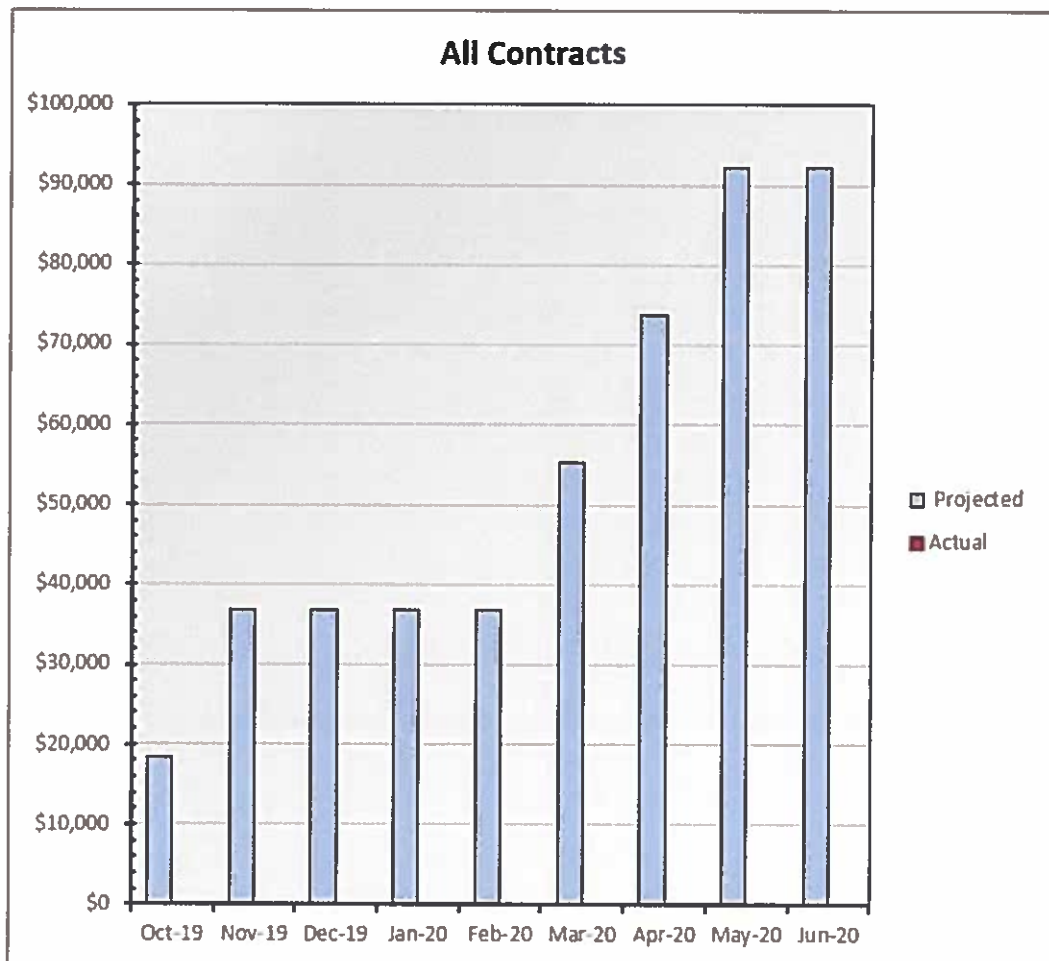
The complete change order document is attached to the Official Minutes.

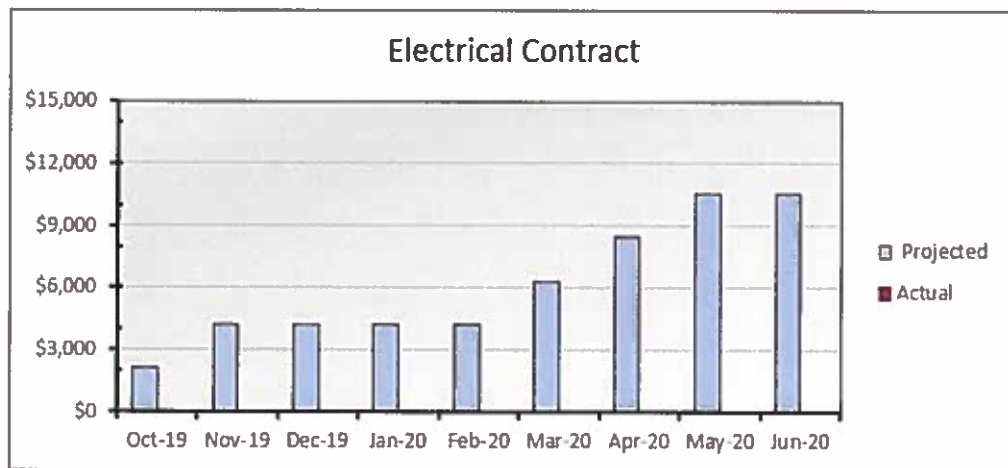
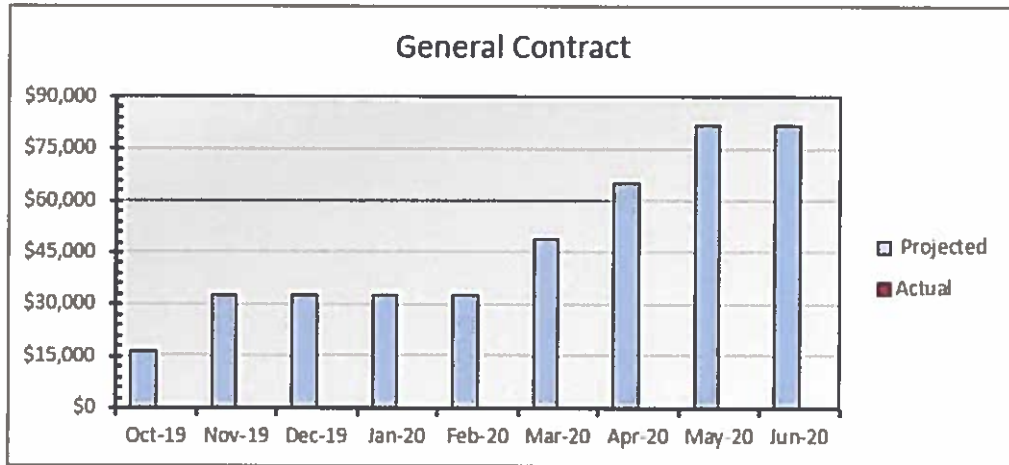
None



Project Contingency Spending

The charts below illustrate the impact of the change order spending on the Project Contingency. The Project Contingency was established at \$92,265.00 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.



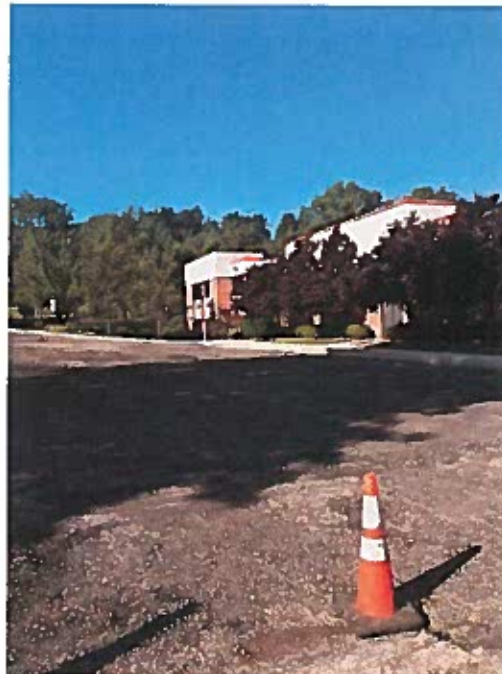


PHOTOS

Site Improvements | Fox Chapel Area HS – Phase 2
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Binder completed on the large parking lot.



Milling at the Admin. Parking lot complete.

