

Volume 5 – July 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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July 2020 – Paving the way

After a scheduled winter shutdown and an unexpected spring shutdown, the wearing course installation has been completed, paving the way for complete access to traffic on all drives and parking lots at the site.

With student activities resuming, some site lighting work remains to be completed. There will be no impact to traffic or parking as this work is completed.

The unexpected shutdown had the potential to derail the schedule and cause some very unwanted additional delays to the project. T&W worked diligently with the District Administration to enable multiple phases of the work to be completed concurrently to assure completion of the project prior to student activities moving into high gear.

PROGRESS SUMMARY

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Work Planned for this Period

- Complete milling of asphalt in all remaining phases.
- Rejuvenation of subbase.
- Place binder course in all remaining phases.
- Place wearing course in all phases of the project.
- Complete line striping on the project.
- Install light pole bases and wiring.
- Begin installing poles and lights

Work Accomplished this Period

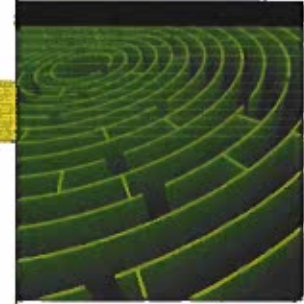
- All work scheduled was completed.

Work Planned for Next Period

- Complete the installation of the new site lighting.

PHASING SUMMARY

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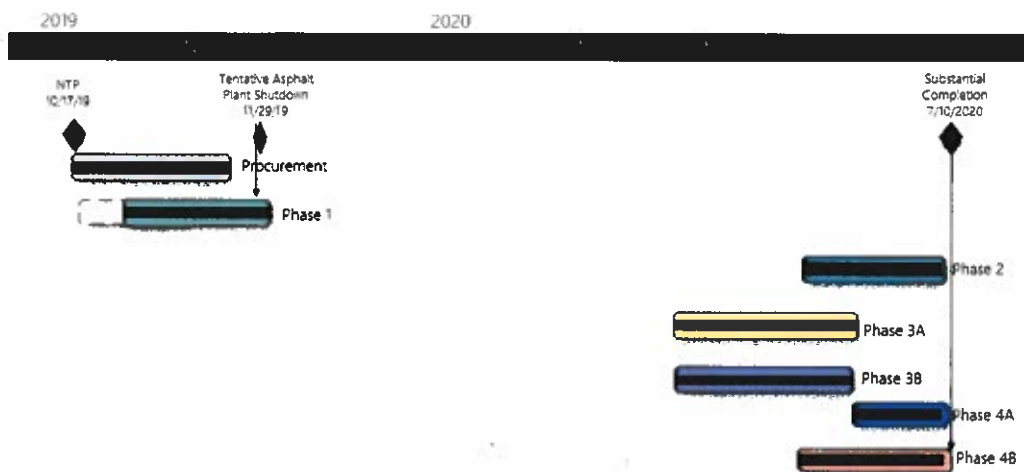


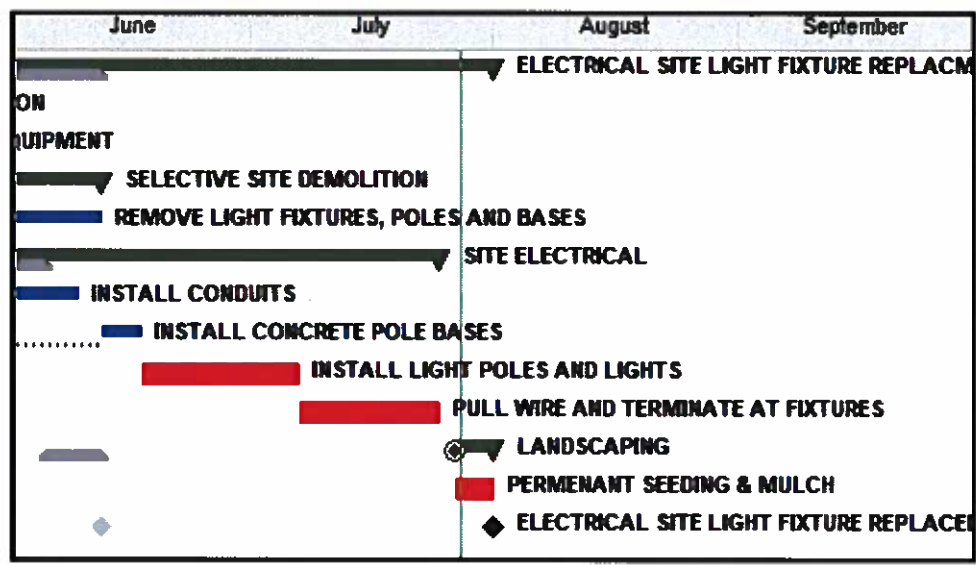
- Scheduled Work:
- Install wearing course.
 - Paint line striping.
 - Complete trench drains at stadium.
 - Continue to install site lighting.



- 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

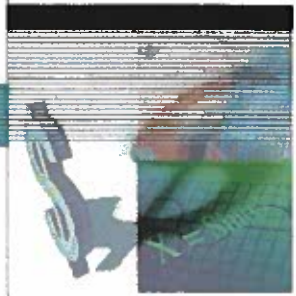




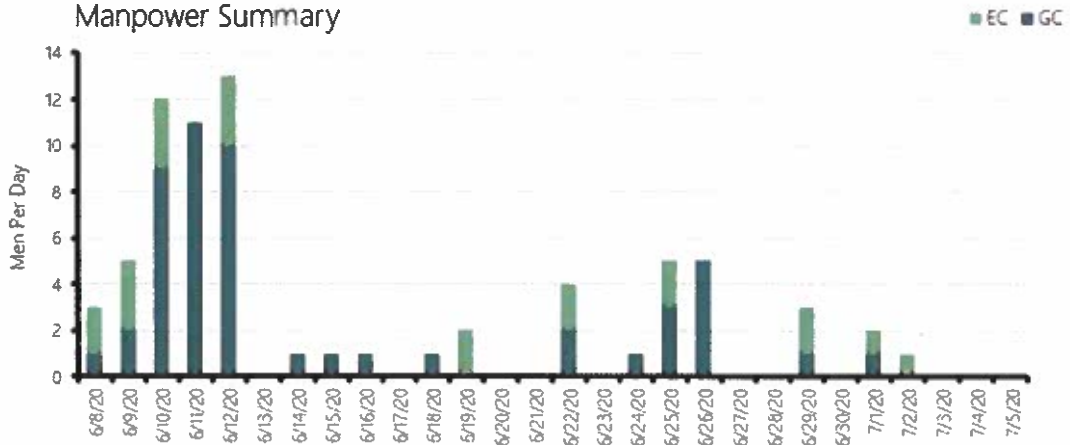
- Normal Activity
- Critical Activity
- Progress
- Summary Activity
- Baseline
- Milestone

ANALYTICS

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Fox Chapel Area School District

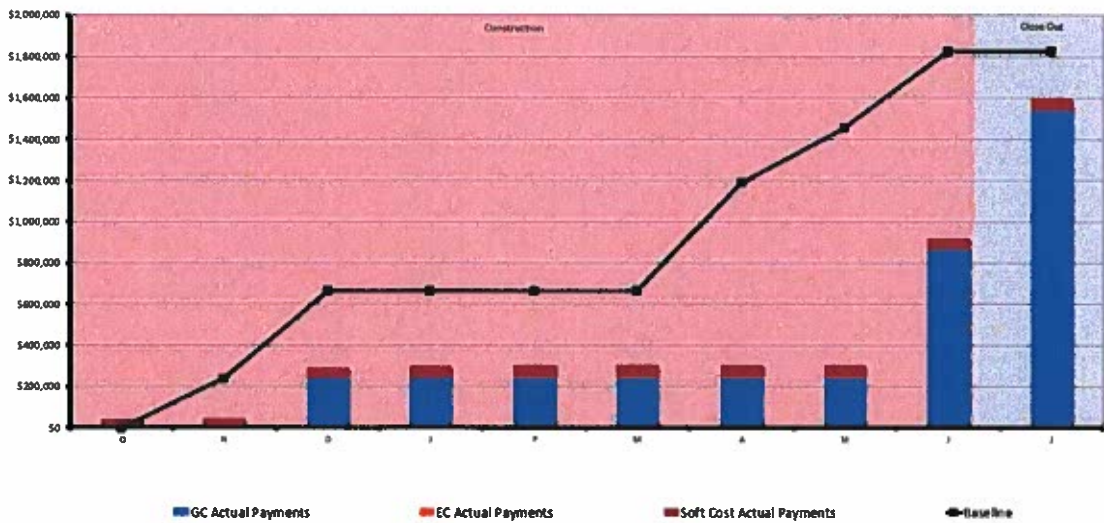


Manpower Summary



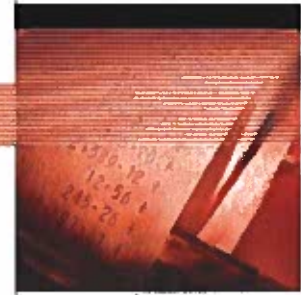
Project Labor for Current Period: 45 Man-Days
Project Labor for Previous Period: 149 Man-Days
Grand Total – All Project Labor to Date: 194 Man-Days

Cashflow Forecast and Actual Construction Billing



BUDGET REPORT

Site Improvements | Fox Chapel Area HS - 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	\$32,025.00	\$0.00	\$243,325.00
Summary of Hard Cost	\$1,845,305.88	\$0.00	\$32,025.00	\$0.00	\$1,877,330.88
Basic Contingency	\$92,265.00	\$0.00	(\$32,025.00)	\$0.00	\$60,240.00
Summary of Hard Cost Plus Basic Contingency	\$1,937,570.88				



Summary of Prime Contractors' Applications for Payment

Application No: 3
Application Date: 06/30/20
Period From: 06/01/20
Period To: 06/30/20
Project Nos: 19027

	A	B	C	D	E	F	H	I	J	K
Prime Contractors	Original Contract Sum	Net Changes in the Work	Contract Sum to Date	Work in Place to Date	Stored Materials (Not in D or I)	Total Completed and Stored to Date	Retainage Amount	Previous Payments	Current Payment (F-H-J)	Balance to Finish (C-F)
Shields Asphalt Paving	1,834,005.88	0.00	1,834,005.88	1,624,205.88	-	1,624,205.88	81,210.29	1,461,785.31	81,210.28	91,010.29
Merit Electrical Group, Inc	211,300.00	0.00	211,300.00	103,863.53	-	103,863.53	10,386.35	65,386.18	28,089.00	117,822.82
TOTALS	1,845,305.88	0.00	1,845,305.88	1,728,069.41	0.00	1,728,069.41	91,696.65	1,527,171.49	109,299.27	208,833.12



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.

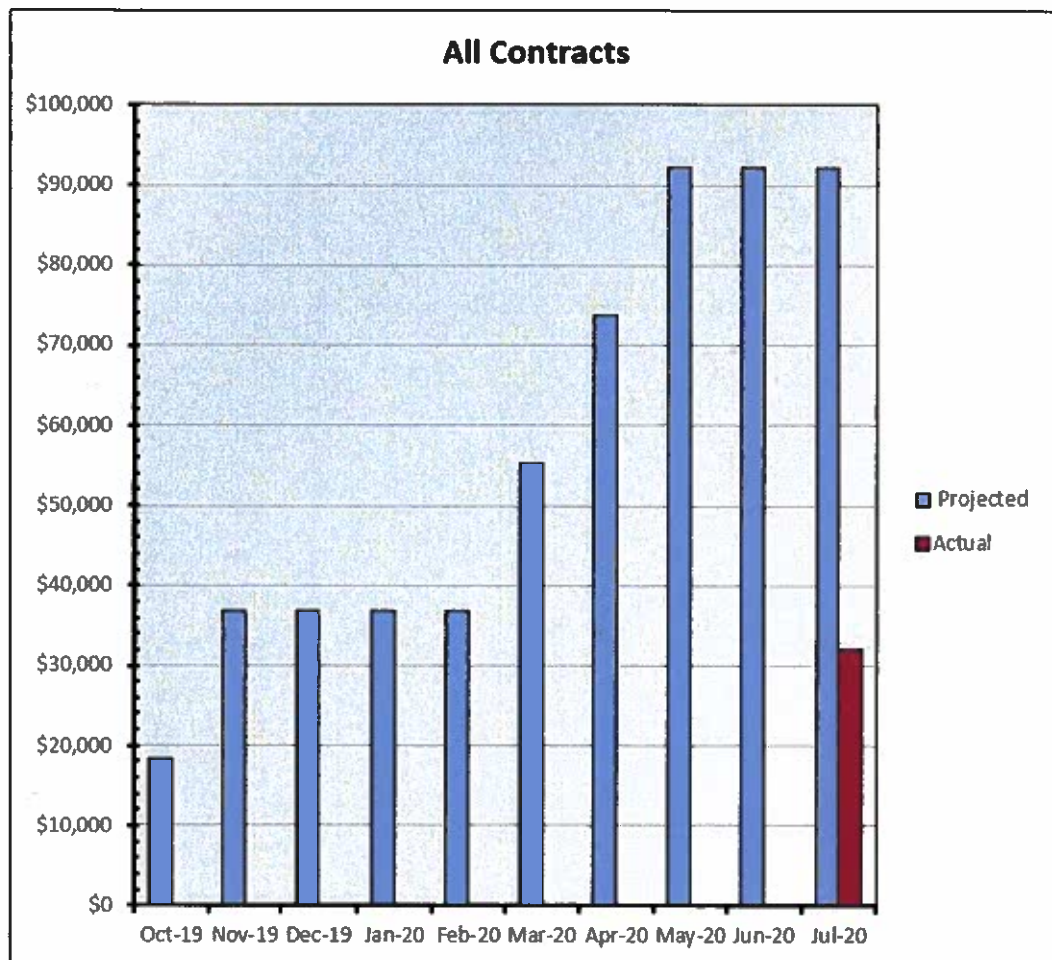
The complete change order document is attached to the Official Minutes.

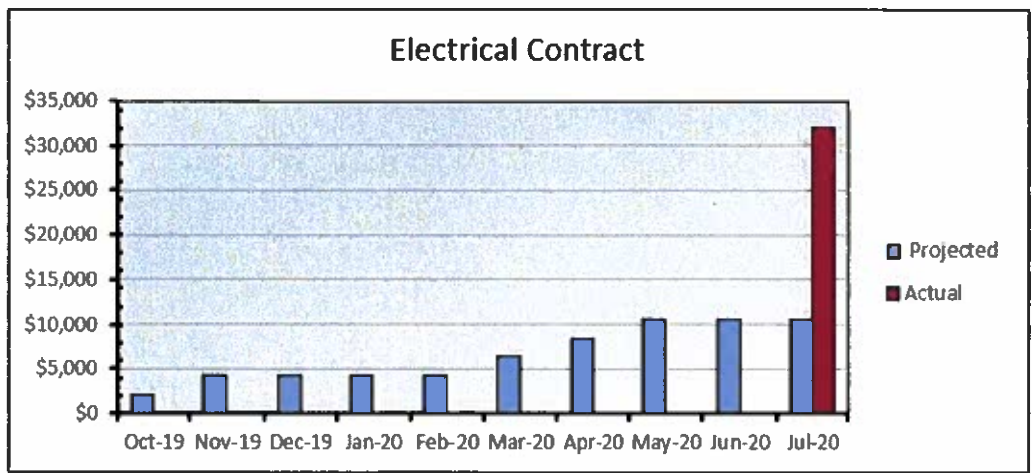
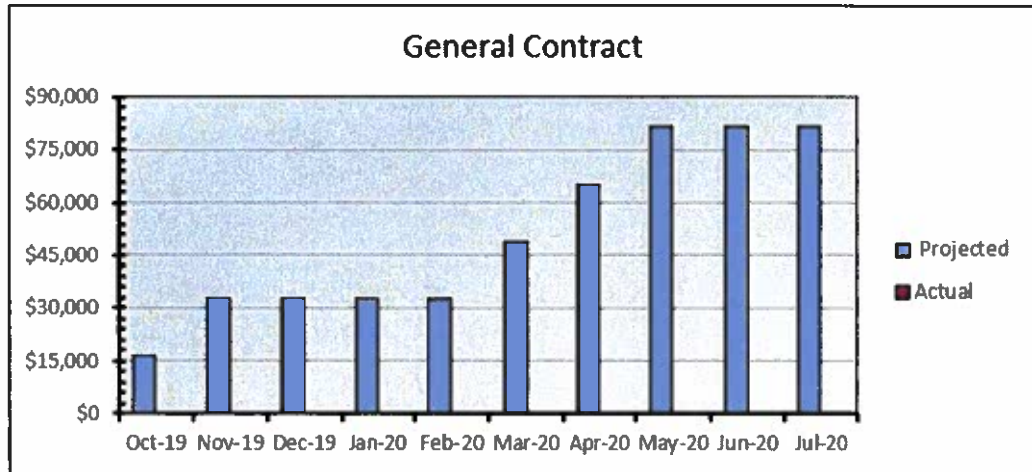
Merit Electrical Group Number	Description	Amount
EC-001	This pricing is based on a Unit Cost of \$525.00 per light fixture to remove and replace 54 exterior wall pack lights on the perimeter of the High School building and seven (7) exterior wall pack lights at the Field House.	\$32,025.00



Project Contingency Spending

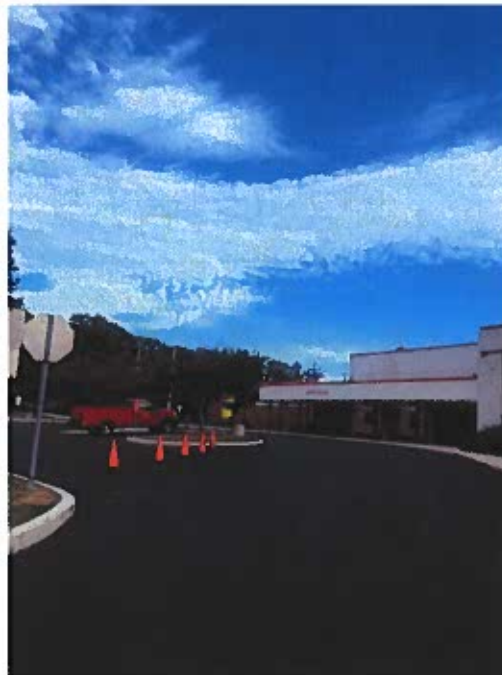
The charts below illustrate the impact of the change order spending on the Project Contingency. The Project Contingency was established at \$92,2650.00 within the total Project Budget of \$2,038,940.88. Upon receipt of bids and the placement of contracts, T&W apportioned the available Project Contingency 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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Wearing course installed on main drive.



New retaining wall completed.



Stadium entrance.



Wearing course installed on upper main entry.

