Please remember to sign the Visitor's Register – Thank you.

Facilities Committee Meeting
Tuesday, March 10, 2026

7:00 PM – TEAO- ROOM 200

AGENDA

I. Review of Minutes – February 10, 2026

II. Construction Report

III. Discussion and Update Items
- **a. Athletic Fields Project Update**
- **b. Bear Hill Elementary School Update**
- **c. Bear Hill Elementary School Sign**
- **d. Solar Grant Update**
- **e. E-Rate Wireless Infrastructure Bid Results**
- **f. Capital Sources and Uses**
- **g. Other**

IV. Public Comment

V. Future Facilities Committee Meetings

Tuesday, April 14, 2026
Tuesday, May 12, 2026

2026 Committee Goals

1.	Monitor student enrollment, District programs, all facilities infrastructure reports, utilization of existing school facilities, and township reports to ensure District facilities meet the needs of students and staff.
2.	Review and update the District-wide and Playground Infrastructure Reports.
3.	Develop, review, and prioritize the facilities projects for summer 2026.
4.	Continue to monitor the Conestoga High School Athletic Fields project.
5.	Monitor, evaluate and review Bear Hill Elementary School construction project for the planned opening in the 2027-28 school year.
6.	Work in conjunction with the Finance Committee to maintain funding of the capital improvement plan.
7.	Support the District's efforts to assess and implement practices that promote environmental sustainability, including energy uses.
8.	Work with the District Public Programs Department on grant opportunities and potential private outside funds for capital projects.

Draft

Facilities Committee Meeting Minutes

February 10, 2026
7:00 pm

Attending all or part of the meeting:

Board Committee Members:	Kenneth Hong, Chair, Todd Kantorczyk, Nicole Scherer and Henry Zink
Other Board Members:	Dr. Julie K. Mesaros, Dr. Roberta Hotinski, Sue Tiede and Maryann Piccioni
T/E School District Representatives:	Arthur J. McDonnell, Dr. Mike Szymendera, Marshall Barkman and Richard Livergood
Other:	David Farabaugh and Patrick Brophy from Heckendorn Shiles Architects, Cara Rash and Stephanie Demming of Beaumont Elementary School
Community Member:	None

Review of the Minutes:

- The Committee reviewed the January 13, 2026, minutes and recommended that they be placed on the next Board consent agenda.

Green Initiatives Report

- Ms. Rash made a presentation of the Green Initiatives at Beaumont Elementary School with details of composting activities. The presentation included possible future participation of other schools in the District and discussed funding and volunteers for the program.

Construction Report

- Mr. Farabaugh reported that pre-construction meetings are taking place and bids are being received on the two summer infrastructure projects.

Athletic Fields Project Update:

- Mr. Farabaugh summarized the project status and anticipated completion dates included in the monthly report and issues experienced during construction. Additionally, updated photographs and a video of the Athletic Fields Project were presented by Mr. Farabaugh. Dr. Szymendera added that the March 2nd anticipated completion date coincides with the first day of spring sports and traffic plans will be relayed to parents.

Bear Hill Elementary School Update:

- Mr. Brophy discussed the monthly report for Bear Hill Elementary School, which included contract dates and substantial completion dates. Mr. Snyder also summarized the project status and key updates and stated that the substantial completion date is projected to be April 9, 2027. Updated photographs and a video were presented on the progress of Bear Hill Elementary School. Pending change orders explained by Mr. Brophy and Dr. Szymendera for the project totaling $193,925.14 and will be included in the next Board consent agenda.

Capital Sources & Uses:

- Mr. McDonnell stated that the Capital Sources and Uses report is consistent with last month's report and was also summarized in the Finance Committee agenda this month.

Public Comment:

- None.

Adjournment:

- The meeting was adjourned at 8:04pm.

Future Meetings:

- Tuesday, March 10, 2026
- Tuesday, April 14, 2026

2026 Construction Projects:

1. Project #1 – Bid Package #1 – HVAC Renovations and Upgrades at HES, VFES, TEMS, VFMS, CHS & NOC
   - Issued for Bid — September 24, 2025
   - Bids Received — October 21, 2025
   - Committee Reviewed — November 18, 2025
   - Board Approved — November 24, 2025
   - Construction Start: — June 17, 2026
   - Scheduled Completion: — August 19, 2026

2. Project #2 – Bid Package #2 – Interior/Exterior Renovations and Upgrades at HES, NEES, VFMS, CHS, NOC, WVAB & MB
   - Issued for Bid — September 24, 2025
   - Bids Received — October 22, 2025
   - Committee Reviewed — November 18, 2025
   - Board Approved — November 24, 2025
   - Construction Start: — June 17, 2026
   - Scheduled Completion: — August 19, 2026

TREDYFFRIN EASTTOWN SCHOOL DISTRICT
CONESTOGA HIGH SCHOOL - ATHLETIC FIELDS PROJECT



MONTHLY PROJECT REPORT
ISSUED MARCH 2026

TREDYFFRIN EASTTOWN SCHOOL DISTRICT

CONESTOGA HIGH SCHOOL - ATHLETIC FIELDS PROJECT

CONTRACT STATUS BY PRIME

SITE GENERAL TRADES CONTRACT B. BLAIR CORPORATION		
The Original Contract Sum:		$ 8,228,356.00
Approved Change Orders:		$ 827,106.31
Revised Contract Amount		$ 9,055,462.31
Total Completed and Stored to Date:		$ 8,468,035.31
Retainage:		$ 846,803.53
Total Earned Less Retainage:		$ 7,621,231.78
Percent Complete by Cost:		94%
SITE ELECTRICAL TRADES CONTRACT GREG A. VIETRI, INC.		
The Original Contract Sum:		$ 2,967,570.00
Approved Change Orders:		$ 48,259.33
Revised Contract Amount		$ 3,015,829.33
Total Completed and Stored to Date:		$ 2,905,904.63
Retainage:		$ 145,295.23
Total Earned Less Retainage:		$ 2,760,609.40
Percent Complete by Cost:		96%
ATHLETIC SURFACES & EQUIPMENT VENDOR CONTRACT KEYSTONE SPORTS CONSTRUCTION		
The Original Contract Sum:		$ 4,155,076.00
Approved Change Orders:		$ 848,798.90
Revised Contract Amount		$ 5,003,874.90
Total Completed and Stored to Date:		$ 4,486,420.47
Retainage:		$ 448,642.05
Total Earned Less Retainage:		$ 4,037,778.42
Percent Complete by Cost:		90%
BUILDING GENERAL TRADES CONTRACT L.J. PAOLELLA CONSTRUCTION		
The Original Contract Sum:		$ 4,379,000.00
Approved Change Orders:		$ -
Revised Contract Amount		$ 4,379,000.00
Total Completed and Stored to Date:		$ 3,309,111.75
Retainage:		$ 165,455.59
Total Earned Less Retainage:		$ 3,143,656.16
Percent Complete by Cost:		76%

BUILDING ELECTRICAL TRADES CONTRACT A.N. LYNCH CO., INC		
The Original Contract Sum:		$ 360,000.00
Approved Change Orders:		$ -
Revised Contract Amount		$ 360,000.00
Total Completed and Stored to Date:		$ 244,941.60
Retainage:		$ 24,494.16
Total Earned Less Retainage:		$ 220,447.44
Percent Complete by Cost:		68%

BUILDING MECHANICAL TRADES CONTRACT J.A. SMITH		
The Original Contract Sum:		$ 551,500.00
Approved Change Orders:		$ -
Revised Contract Amount		$ 551,500.00
Total Completed and Stored to Date:		$ 451,667.00
Retainage:		$ 45,166.70
Total Earned Less Retainage:		$ 406,500.30
Percent Complete by Cost:		82%

BUILDING PLUMBING TRADES CONTRACT L.J. PAOLELLA CONSTRUCTION		
The Original Contract Sum:		$ 536,700.00
Approved Change Orders:		$ -
Revised Contract Amount		$ 536,700.00
Total Completed and Stored to Date:		$ 427,271.63
Retainage:		$ 21,363.58
Total Earned Less Retainage:		$ 405,908.05
Percent Complete by Cost:		80%

TREDYFFRIN EASTTOWN SCHOOL DISTRICT

CONESTOGA HIGH SCHOOL - ATHLETIC FIELDS PROJECT

SCHEDULE STATUS - CONTRACT DATES

SITE GENERAL TRADES CONTRACT		
B. BLAIR CORPORATION		
Notice to Proceed Date:	August 26, 2024	
Contract Substantial Completion Date:	August 15, 2025	
Extension of Time Requested:	0	
Extension of Time Approved:	0	days
Adjusted Substantial Completion Date:	August 15, 2025	
Site General Trades Duration:	255	working days

SITE ELECTRICAL TRADES CONTRACT		
GREG A. VIETRI, INC.		
Notice to Proceed Date:	August 13, 2024	
Contract Substantial Completion Date:	August 15, 2025	
Extension of Time Requested:	0	
Extension of Time Approved:		days
Adjusted Substantial Completion Date:	August 15, 2025	
Site Electrical Trades Duration:	264	working days

ATHLETIC SURFACES & EQUIPMENT VENDOR CONTRACT		
KEYSTONE SPORTS CONSTRUCTION		
Notice to Proceed Date:	September 4, 2024	
Contract Substantial Completion Date:	August 15, 2025	
Extension of Time Requested:	0	
Extension of Time Approved:	0	days
Adjusted Substantial Completion Date:	August 15, 2025	
Athletic Surfaces & Equipment Vendor Duration:	248	working days

BUILDING GENERAL TRADES CONTRACT		
L.J. PAOLELLA CONSTRUCTION		
Notice to Proceed Date:	August 13, 2024	
Contract Substantial Completion Date:	October 23, 2025	
Extension of Time Requested:	0	
Extension of Time Approved:	0	days
Adjusted Substantial Completion Date:	October 23, 2025	
Building General Trades Duration:	313	working days

BUILDING ELECTRICAL TRADES CONTRACT	
A.N. LYNCH CO., INC	
Notice to Proceed Date:	August 26, 2024
Contract Substantial Completion Date:	October 23, 2025
Extension of Time Requested:	0
Extension of Time Approved:	0 days
Adjusted Substantial Completion Date:	October 23, 2025
Building Electrical Trades Duration:	304 working days

BUILDING MECHANICAL TRADES CONTRACT	
J.A. SMITH	
Notice to Proceed Date:	September 4, 2024
Contract Substantial Completion Date:	October 23, 2025
Extension of Time Requested:	0
Extension of Time Approved:	0 days
Adjusted Substantial Completion Date:	October 23, 2025
Building Mechanical Trades Duration:	297 working days

BUILDING PLUMBING TRADES CONTRACT	
L.J. PAOLELLA CONSTRUCTION	
Notice to Proceed Date:	August 13, 2024
Contract Substantial Completion Date:	October 23, 2025
Extension of Time Requested:	0
Extension of Time Approved:	0 days
Adjusted Substantial Completion Date:	October 23, 2025
Building Plumbing Trades Duration:	313 working days

Key Dates in Project Completion

- Site Substantial Completion Date: August 15th, 2025
- Building Substantial Completion Date: October 23rd, 2025

TREDYFFRIN EASTTOWN SCHOOL DISTRICT

CONESTOGA HIGH SCHOOL - ATHLETIC FIELDS PROJECT

PROJECT STATUS

Key Dates in Project

NPDES Required Pre-Construction Site Meeting September 5, 2024

Contractor schedule updates for athletic equipment.

- Athletic components inclusive of Turf Fields, Track, Tennis Courts, Bleachers, Softball dugouts have been installed and completed.

Contractor schedule updates for Field House and Grounds and Fields Building

- Contractors are working to be completed by March 2nd.
- A delay in the March 2nd completion has occurred due to final fixtures still being installed, final water testing was still taking place to be able to turn on water to the building, emergency generator not operating correctly due to bad controller board from manufacturer.
- Contractors are not working onsite after 3pm so that the athletic facility and fields are able to be used by the District.

Construction Current Status:

- Softball field area to grade, backstop wall is installed, brickwork on backstop wall to take place final spreading of infield mix to take place.
- Landscaping is mainly completed and will be scheduled for completion in the Spring weather permitting
- Field House solar panels are installed.
- Field House doors are installed.
- Field House interior work is ongoing. Most interior components are installed, final finishes and fixtures are ongoing.
- Field House floor finishes are installed.
- Field House permanent HVAC systems are installed and working.
- Grounds and Fields building metal siding are being installed.
- Site has been cleared of excess construction materials and equipment.

Issues Experienced During Construction:

- Field House construction has been delayed by poor quality construction of blockwork needing repairs, not enough manpower - creating a prolonged construction of the building's masonry.
- Additional work scope required by PennDOT due to existing conditions was added to the Cassatt road widening.
- Steel joists for Grounds and Fields building was fabricated incorrectly, delayed installation of joists and drive area retaining wall until joist were corrected.
- Current weather conditions are slowing installations of final finish flooring at Field House. Delaying installation of final interior components and completion.

TREDYFFRIN EASTTOWN SCHOOL DISTRICT

CONESTOGA HIGH SCHOOL - ATHLETIC FIELDS PROJECT

PRIME CONTRACTS SUMMARY

PRIME CONTRACT	ORIGINAL CONTRACT	APPROVED CHANGE ORDERS	CONTRACT SUM TO DATE	CHANGE ORDER PERCENTAGE
B. BLAIR CORPORATION	$ 8,228,356.00	$ 827,106.31	$ 9,055,462.31	10.05%
GREG A. VIETRI, INC.	$ 2,967,570.00	$ 48,259.33	$ 3,015,829.33	1.63%
KEYSTONE SPORTS CONSTRUCTION	$ 4,155,076.00	$ 848,798.90	$ 5,003,874.90	20.43%
L.J. PAOLELLA CONSTRUCTION	$ 4,379,000.00	$ -	$ 4,379,000.00	0.00%
A.N. LYNCH CO., INC	$ 360,000.00	$ -	$ 360,000.00	0.00%
J.A. SMITH	$ 551,500.00	$ -	$ 551,500.00	0.00%
L.J. PAOLELLA CONSTRUCTION	$ 536,700.00	$ -	$ 536,700.00	0.00%
TOTALS	$ 21,178,202.00	$ 1,724,164.54	$ 22,902,366.54	8.14%

TREDYFFRIN EASTTOWN SCHOOL DISTRICT

CONESTOGA HIGH SCHOOL - ATHLETIC FIELDS PROJECT

CHANGE ORDER LOG

Site General Contract - B. Blair Corporation Change Orders						
SGC COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended/ Rejected/Approved	SGC CO #
1	Soils	$ 487,616.85		$ 487,616.85	Approved	1
2	Sanitary Sewer	$ 134,356.40		$ 134,356.40	Approved	2
3	Camera pole in cast concrete pier	$ 8,021.25		$ 8,021.25	Approved	3
4	Additional tree clearing and grubbing	$ 2,523.00		$ 2,523.00	Approved	4
5	HOP work along Cassatt Road	$ 164,182.57		$ 164,182.57	Approved	5
6	Swing Gate for access to 312 Cassatt Rd.	$ 5,648.00		$ 5,648.00	Approved	6
7	Addittional HOP work along Cassatt Rd.	$ 24,758.24		$ 24,758.24	Approved	7
	Site General Contract Totals	$ 827,106.31	$ -	$ 827,106.31		

Site Electrical Contract - Greg A. Vietri, Inc. Change Orders						
SEC COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended/ Rejected/Approved	SEC CO #
1	Relocating incoming primary electrical service	$ 48,259.33		$ 48,259.33	Approved	1
2		$ -	$ -	$ -		
3		$ -	$ -	$ -		
4		$ -	$ -	$ -		
5		$ -	$ -	$ -		
6		$ -	$ -	$ -		
	Site Electrical Contract Totals	$ 48,259.33	$ -	$ 48,259.33		

Athletic Surfaces & Equipment Vendor - Keystone Sports Construction Change Orders						
ASEV COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended/ Rejected/Approved	ASEV CO #
1	Scoreboards	$ 179,982.73	$ -	$ -	Rejected	
2	Turf Field 'C' Logos	$ 26,076.39	$ -	$ -	Rejected	
3	Turf Field Softball Tick Marks	$ 1,630.70	$ -	$ 1,630.70	Approved	3
4	Track Surfacing	$ 459,453.00	$ -	$ 459,453.00	Approved	4
5	Ballstopper & Rolling Gate	$ 6,225.20	$ -	$ 6,225.20	Approved	5
6	Track Repair 2" Mill & Overlay	$ 200,161.00	$ -	$ 200,161.00	Approved	6
7	Additional track repair	$ 144,006.00	$ -	$ 144,006.00	Approved	7
8	Ballstopper netting along sideline of Turf Field 1	$ 37,323.00		$ 37,323.00	Approved	8
	Athletic Surfaces & Equipment Vendor Totals	$ 1,054,858.02	$ -	$ 848,798.90		

Building General Contract - L.J. Paolella Construction Change Orders						
BGC COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended/ Rejected/Approved	BGC CO #
1		$ -	$ -	$ -		
2		$ -	$ -	$ -		
3		$ -	$ -	$ -		
4		$ -	$ -	$ -		
5		$ -	$ -	$ -		
6		$ -	$ -	$ -		
	Building General Contract Totals	$ -	$ -	$ -		

Building Electric Contract - A.N. Lynch Co., Inc. Change Orders						
BEC COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended/ Rejected/Approved	BEC CO #
1		$ -	$ -	$ -		
2		$ -	$ -	$ -		
3		$ -	$ -	$ -		
4		$ -	$ -	$ -		
5		$ -	$ -	$ -		
6		$ -	$ -	$ -		
6		$ -	$ -	$ -		
Building Electric Contract Totals		$ -	$ -	$ -		

Building Mechanical Contract - A.J. Smith Change Orders						
BMC COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended/ Rejected/Approved	BMC CO #
1		$ -	$ -	$ -		
2		$ -	$ -	$ -		
3		$ -	$ -	$ -		
4		$ -	$ -	$ -		
5		$ -	$ -	$ -		
6		$ -	$ -	$ -		
Building Mechanical Contract Totals		$ -	$ -	$ -		

Building Plumbing Contract - L.J. Paolella Construction Change Orders						
BPC COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended/ Rejected/Approved	BPC CO #
1		$ -	$ -	$ -		
2		$ -	$ -	$ -		
3		$ -	$ -	$ -		
4		$ -	$ -	$ -		
5		$ -	$ -	$ -		
6		$ -	$ -	$ -		
Building Plumbing Contract Totals		$ -	$ -	$ -		

		Submitted Amount	Pending	Approved		
	CHANGE ORDER PROJECT TOTALS	$ 1,930,223.66	$ -	$ 1,724,164.54		

Heckendorn Shiles Architects

TREDYFFRIN EASTTOWN SCHOOL DISTRICT
BEAR HILL ELEMENTARY SCHOOL



MONTHLY PROJECT REPORT
ISSUED MARCH 2026

TREDYFFRIN EASTTOWN SCHOOL DISTRICT

BEAR HILL ELEMENTARY SCHOOL

SCHEDULE STATUS - CONTRACT DATES

GENERAL TRADES CONTRACT	
BANCROFT CONSTRUCTION	
Notice to Proceed Date:	August 18, 2025
Contract Substantial Completion Date:	April 9, 2027
Extension of Time Requested:	0
Extension of Time Approved:	0 days
Adjusted Substantial Completion Date:	April 9, 2027
General Trades Duration:	430 working days

MECHANICAL TRADES CONTRACT	
FIVE STAR INC.	
Notice to Proceed Date:	August 18, 2025
Contract Substantial Completion Date:	April 9, 2027
Extension of Time Requested:	0
Extension of Time Approved:	0 days
Adjusted Substantial Completion Date:	April 9, 2027
Mechanical Trades Duration:	430 working days

ELECTRICAL TRADES CONTRACT	
HOBBS & CO INC.	
Notice to Proceed Date:	August 18, 2025
Contract Substantial Completion Date:	April 9, 2027
Extension of Time Requested:	0
Extension of Time Approved:	0 days
Adjusted Substantial Completion Date:	April 9, 2027
Electrical Trades Duration:	430 working days

PLUMBING TRADES CONTRACT	
JAY R. REYNOLDS INC.	
Notice to Proceed Date:	August 18, 2025
Contract Substantial Completion Date:	April 9, 2027
Extension of Time Requested:	0
Extension of Time Approved:	0 days
Adjusted Substantial Completion Date:	April 9, 2027
Plumbing Trades Duration:	430 working days

TREDYFFRIN EASTTOWN SCHOOL DISTRICT
BEAR HILL ELEMENTARY SCHOOL

PRIME CONTRACTS SUMMARY

PRIME CONTRACT	ORIGINAL CONTRACT	APPROVED CHANGE ORDERS	CONTRACT SUM TO DATE	CHANGE ORDER PERCENTAGE
BANCROFT CONSTRUCTION	$ 20,698,600.00	$ 162,394.45	$ 20,860,994.45	0.78%
FIVE STAR INC.	$ 6,198,000.00	$ -	$ 6,198,000.00	0.00%
HOBBS & CO INC.	$ 4,305,000.00	$ 14,280.00	$ 4,319,280.00	0.33%
JAY R. REYNOLDS INC.	$ 2,395,670.00	$ 321,193.00	$ 2,716,863.00	13.41%
TOTALS	$ 33,597,270.00	$ 497,867.45	$ 34,095,137.45	1.48%

TREDYFFRIN EASTTOWN SCHOOL DISTRICT

BEAR HILL ELEMENTARY SCHOOL

CONTRACT STATUS BY PRIME

GENERAL TRADES CONTRACT		
BANCROFT CONSTRUCTION		
The Original Contract Sum:	$	20,698,600.00
Approved Change Orders:	$	162,394.45
Revised Contract Amount	$	20,860,994.45
Total Completed and Stored to Date:	$	3,698,049.73
Retainage:	$	369,804.97
Total Earned Less Retainage:	$	3,328,244.76
Percent Complete by Cost:		18%

MECHANICAL TRADES CONTRACT		
FIVE STAR INC.		
The Original Contract Sum:	$	6,198,000.00
Approved Change Orders:	$	-
Revised Contract Amount	$	6,198,000.00
Total Completed and Stored to Date:	$	1,169,813.00
Retainage:	$	116,981.30
Total Earned Less Retainage:	$	1,052,831.70
Percent Complete by Cost:		19%

ELECTRICAL TRADES CONTRACT		
HOBBS & CO INC.		
The Original Contract Sum:	$	4,305,000.00
Approved Change Orders:	$	14,280.00
Revised Contract Amount	$	4,319,280.00
Total Completed and Stored to Date:	$	897,304.70
Retainage:	$	89,730.47
Total Earned Less Retainage:	$	807,574.23
Percent Complete by Cost:		21%

PLUMBING TRADES CONTRACT		
JAY R. REYNOLDS INC.		
The Original Contract Sum:	$	2,395,670.00
Approved Change Orders:	$	321,193.00
Revised Contract Amount	$	2,716,863.00
Total Completed and Stored to Date:	$	1,310,678.05
Retainage:	$	76,801.11
Total Earned Less Retainage:	$	1,233,876.94
Percent Complete by Cost:		48%

TREDYFFRIN EASTTOWN SCHOOL DISTRICT

BEAR HILL ELEMENTARY SCHOOL

CHANGE ORDER LOG

General Trades Change Orders						
BANCROFT CONSTRUCTION						
COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended /Rejected/Approved	CO #
1	Slab Remove/Replace @ Void	$ 14,121.24		$ 14,121.24	Approved	1
2	Dumpster enclosure wall extension	$ 9,255.69		$ 9,255.69	Approved	2
3	Trenching at sanitary line	$ 3,738.00		$ -	Rejected (Allowance)	N/A
4	Trenching at Sector A	$ 5,175.00		$ -	Rejected (Allowance)	N/A
5	Trenching at sanitary line CREDIT	$ (3,738.00)		$ -	Rejected (Allowance)	N/A
6	Door revisions per ASI 01 & 02	$ 2,507.76		$ 2,507.76	Approved	3
7	Water Line Cut-Cap at Brandywine	$ 9,688.38		$ 9,688.38	Approved	4
8	Water Line Cut-Cap Credit	$ (1,914.43)		$ (1,914.43)	Approved	5
9	Storm Line at Water Meter Pit Tie-in	$ 4,924.39		$ 4,924.39	Approved	6
10	Rain Water Conductors - ASI 05-06	$ 90,207.28		$ 90,207.28	Approved	7
11	Trenching at RWC	$ 3,168.00			Rejected (Allowance)	N/A
12	Civil demo and removal - ASI 03	$ 6,856.70		$ 6,856.70	Approved	8
13	Glazing Revisions - ASI 05-06	$ 11,903.76		$ 11,903.76	Approved	9
14	Steel splice detail	$ 8,991.68		$ 8,991.68	Approved	10
15	Steel construction drawings	$ 31,644.64			Rejected	N/A
16	Stud replacement at Restrooms	$ 5,105.00		$ 5,105.00	Approved	11
17	Washer/Dryer unit at kitchen	$ 1,947.00		$ 1,947.00	Approved	12
18	Toilet partition credit	$ (1,200.00)		$ (1,200.00)	Approved	13
	General Trades Totals	$ 202,382.09	$ -	$ 162,394.45		

Mechanical Contractor Change Orders						
FIVE STAR INC.						
COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended /Rejected/Approved	CO #
1	ASI-01 Fire Dampers	$ 3,635.47			Rejected (Allowance)	N/A
2	Thermostat covers	$ 839.16			Rejected	N/A
3	Duct adjustments at Elev. Equip. Rm.	$ 3,304.49			Rejected	N/A
4						
	Mechanical Contractor Totals	$ 7,779.12	$ -	$ -		

Electrical Contractor Change Orders						
HOBBS & CO INC.						
COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended /Rejected/Approved	CO #
1	Changes through ASI 06	$ 14,280.00		$ 14,280.00	Approved	1
2						
3						
4						
	Electrical Contractor Totals	$ 14,280.00	$ -	$ 14,280.00		

Plumbing Contractor Change Orders						
JAY R. REYNOLDS INC.						
COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended /Rejected/Approved	CO #
1	PC RFI 03 - Floor Sink Model	$ 4,166.00			Rejected (Allowance)	N/A
2	PC RFI 04 - Washing Machine Outlet	$ 620.00		$ 620.00	Approved	1
3	Relocate new sanitary line	$ 3,209.00		$ 3,209.00	Approved	2
4	Revise underground at kitchen	$ 4,741.00		$ 4,741.00	Approved	3
5	ASI 05 - Underground Revisions	$ 13,017.00		$ 13,017.00	Approved	4
6	Saw Cutting at Sector B	$ 2,000.00		$ 2,000.00	Approved	5
7	Rain Water Conductors - ASI 05-06	$ 137,285.00		$ 137,285.00	Approved	6
8	2nd and 3rd floor restroom plumbing	$ 160,321.00		$ 160,321.00	Approved	7
9	Kitchen gas line revision	$ 1,103.00			Rejected (Allowance)	N/A
10	Sanitary installation	$ 9,559.00			Rejected	N/A
11	Acid neutralizer tank credit	$ (10,831.00)	$ (10,831.00)		Recommended	
	Plumbing Contractor Totals	$ 325,190.00	$ (10,831.00)	$ 321,193.00		

		Submitted Amount	Pending	Approved		
	CHANGE ORDER PROJECT TOTALS	$ 549,631.21	$ (10,831.00)	$ 497,867.45		

TREDYFFRIN EASTTOWN SCHOOL DISTRICT
BEAR HILL ELEMENTARY SCHOOL

PROJECT STATUS

Project Key Dates

- Substantial Completion Date: April 9, 2027

Current Construction Status

- Site excavation for storm water management paused due to weather and material availability
- Cut & fill occurred around the new construction addition, paused pending weather
- Exterior excavation and installation for ASI 05/06 RWC complete
- Overhead piping for domestic water installed at first floor
- Interior framing and plumbing rough in throughout first floor
- Interior framing and plumbing rough in started at second floor
- Ductwork & ductwork insulation installed throughout second floor, material delivery at third floor
- Mechanical ceiling cassettes installed throughout building, all floors
- Exterior masonry walls at new addition paused due to weather, low temps
- Restroom carrier installation at second floor
- Concrete pour at existing stair infill and new central stair
- Site closed due to weather / snow removal on 2/23
- Steel stair installation complete at Stair 1. Temporary stair removed
- Electrical homerun pulls and rough-in at first and second floors
- Review of construction submittals is ongoing and coordination drawings are being finalized by MC

Solar Facility Site Assessment

New Elementary School

01/30/26

Tredyffrin-Easttown School District (TESD)

Generation180

SOLAR POSSIBLE



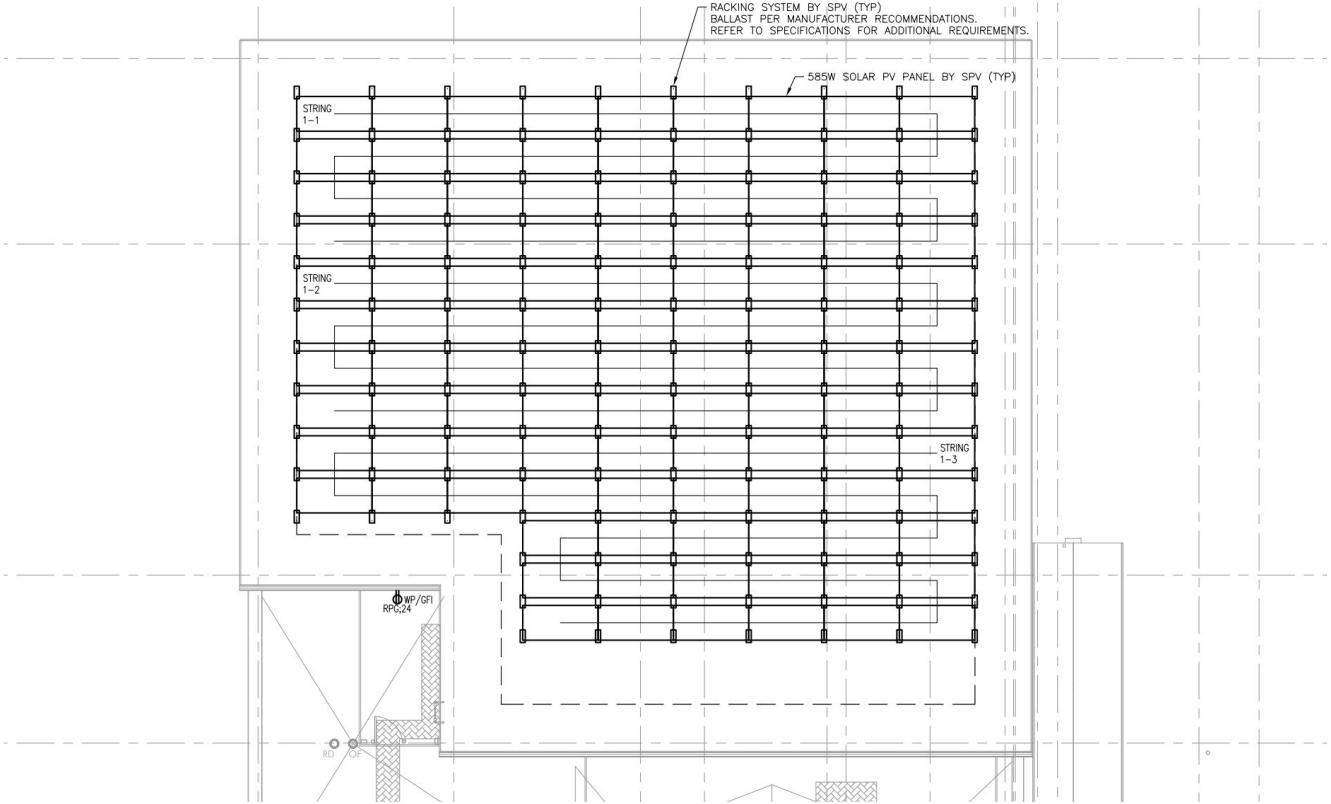
Prepared by Jackson Kusiak of Solar Possible, in collaboration with Generation180

Solar Design & Financial Analysis

New Elementary School TESD

Gym Roof Solar Design

63.18 kW
12.5% Offset



New Elementary School - TESD

Financial Analysis

Total Solar PV Capacity (kW)	63.18 kW
Estimated Project Cost (All-In EPC price)	$143,500
Price Per Watt	$2.27/watt
Investment Tax Credit (ITC)*	$43,050
Solar For Schools (S4S) Grant	$43,050
Act 129 Incentive (PECO)	$7,582
Total Value of Incentives (Year 1)	$93,682
Net Cost of Installation (after all Incentives)	$49,818
Net Cost of Installation (without ITC)	$92,868

Electric Bill Savings (Year 1)	$4,262
SREC Revenue (Year 1)	$1,820
Operations & Maintenance Plan (Year 1)	- $800
Annual Cash Flow (Year 1)	$5,282
Lifetime Savings + Revenue (25 yrs)	$198,843
Simple Pay Back (with ITC)	8 years
Internal Rate of Return (with ITC)	12.04%
Simple Pay Back (without ITC)	13 years
Internal Rate of Return (without ITC)	6.36%

*In order for a school to qualify for Direct Pay of the Investment Tax Credit (ITC) under the Inflation Reduction Act (IRA), a project must meet all requirements associated with the IRA and the One Big Beautiful Bill Act (OBBBA), including Foreign Entity of Concern (FEOC) requirements and details related to when projects “commence construction” and when installation is complete.

Electricity Information

Gym Roof Design

Estimated Annual Energy Usage:
604,160 kWh

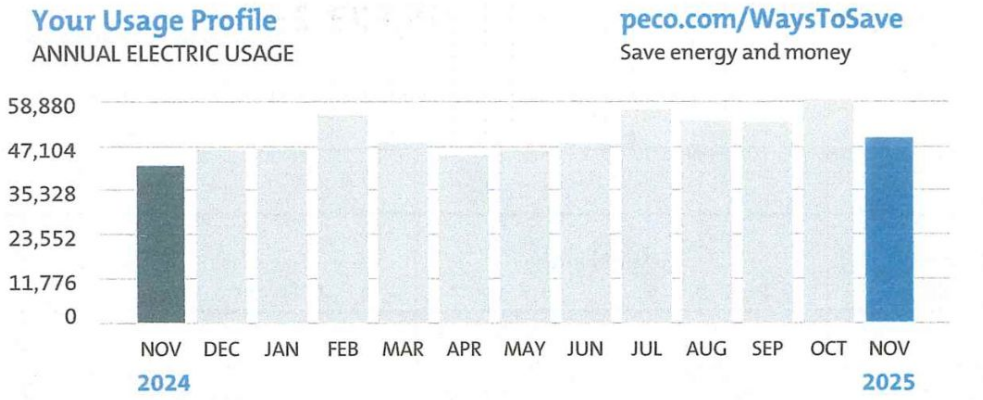
DC Size:
63.18 kW

Current kWh rate:
$0.0562 / kWh

Projected kWh rate in 25 years:
$0.1441 / kWh

25 Year Fixed Solar kWh Rate (w/o ITC):
$0.0517 / kWh

25 Year Fixed Solar kWh Rate (w/ ITC)
$0.0277 / kWh



Period	Usage	Avg Daily Usage	Days	Avg Daily Temp
Current Month	49,440	1,704.80	29	58
Last Month	58,880	1,840.00	32	76
Last Year	41,920	1,445.50	29	60

Avg kWh per Month	50,347
Total Annual kWh Usage	604,160

* This is a snapshot of another TESD elementary school's electricity load profile, which was used to estimate kWh rates and percentage offset.

Electricity Savings

Gym Roof Design

Estimated Annual Elec. Usage: 604,160 kWh

Annual Electricity Production: 75,816 kWh

Percentage kWh Offset: 12.5%

Year 1 Electricity Savings*: $4,262

Lifetime Electricity Savings:** $166,727

*Solar savings are calculated based on current kWh energy rate (from recent electric bill). Potential impact to Demand, Transmission and other charges are not reflected in this bill, though the additional savings could be significant.

** Lifetime electricity savings are estimated using a 4% annual rate escalator due to climbing energy prices and anticipated electricity market pressures in PJM territory. This rate escalation is an estimate based on the past 10 years of PA commercial rate increases and savings are not guaranteed.

Year	kWh	Utility Rate + Rate Escalator	Annual kWh Savings	Lifetime kWh Savings
		$0.0562		
		4.00%		
yr 1	75,816	$0.0562	$4,262	$4,262
yr 2	75,475	$0.0585	$4,413	$8,675
yr 3	75,135	$0.0608	$4,569	$13,244
yr 4	74,797	$0.0632	$4,730	$17,974
yr 5	74,460	$0.0658	$4,897	$22,871
yr 6	74,125	$0.0684	$5,070	$27,942
yr 7	73,792	$0.0711	$5,249	$33,191
yr 8	73,460	$0.0740	$5,435	$38,626
yr 9	73,129	$0.0769	$5,627	$44,252
yr 10	72,800	$0.0800	$5,825	$50,078
yr 11	72,473	$0.0832	$6,031	$56,109
yr 12	72,146	$0.0865	$6,244	$62,353
yr 13	71,822	$0.0900	$6,465	$68,818
yr 14	71,499	$0.0936	$6,693	$75,511
yr 15	71,177	$0.0974	$6,929	$82,440
yr 16	70,857	$0.1012	$7,174	$89,614
yr 17	70,538	$0.1053	$7,428	$97,042
yr 18	70,220	$0.1095	$7,690	$104,732
yr 19	69,904	$0.1139	$7,961	$112,693
yr 20	69,590	$0.1184	$8,243	$120,936
yr 21	69,277	$0.1232	$8,534	$129,470
yr 22	68,965	$0.1281	$8,835	$138,305
yr 23	68,654	$0.1332	$9,147	$147,452
yr 24	68,346	$0.1386	$9,470	$156,922
yr 25	68,038	$0.1441	$9,805	$166,727

SREC Revenue

Gym Roof Design

PA SREC Value (Jan. 2026)*: $24

Year 1 SREC Generation: 76 SRECs

Year 1 SREC Revenue: $1,820

Lifetime SREC Revenue:** $43,116

Year	Annual kWh Production	# of SREC	Annual SREC Revenue	Lifetime SREC Revenue
1	75,816	76	$1,820	$1,820
2	75,475	75	$1,811	$3,631
3	75,135	75	$1,803	$5,434
4	74,797	75	$1,795	$7,229
5	74,460	74	$1,787	$9,016
6	74,125	74	$1,779	$10,795
7	73,792	74	$1,771	$12,566
8	73,460	73	$1,763	$14,329
9	73,129	73	$1,755	$16,085
10	72,800	73	$1,747	$17,832
11	72,473	72	$1,739	$19,571
12	72,146	72	$1,732	$21,303
13	71,822	72	$1,724	$23,026
14	71,499	71	$1,716	$24,742
15	71,177	71	$1,708	$26,451
16	70,857	71	$1,701	$28,151
17	70,538	71	$1,693	$29,844
18	70,220	70	$1,685	$31,529
19	69,904	70	$1,678	$33,207
20	69,590	70	$1,670	$34,877
21	69,277	69	$1,663	$36,540
22	68,965	69	$1,655	$38,195
23	68,654	69	$1,648	$39,843
24	68,346	68	$1,640	$41,483
25	68,038	68	$1,633	$43,116

*Current SREC prices reflect the PA bid price as of 1/30/26 on SRECTrade

**SREC values fluctuate depending on market conditions within PJM and the targets set by the Pennsylvania legislature through the Alternative Energy Portfolio Standard (AEPS). Lifetime estimates are based on current prices and do not account for market volatility or changes to the AEPS.

Technical System Details

Technical System Details

	Solar Design
DC Power:	63.18 kW
Tilt:	10°
Azimuth:	189°
Annual Generation:	75,816 kWh
Solar Module:	Q.Peak DUO 585W XL-G11.3/BFG
Inverter:	SMA 40 kWAC w/ Power Optimizers
Racking Type:	Fixed Tilt Ballasted

Q.PEAK DUO XL-G11 SERIES

qcells

570 - 585 Wp | 156 Cells
21.4 % Maximum Module Efficiency

MODEL Q.PEAK DUO XL-G11.3/BFG



Bifacial energy yield gain of up to 20 %
Bifacial Q.ANTUM solar cells make efficient use of light shining on the module rear-side for radically improved LCOE.

Low electricity generation costs
Q.ANTUM DUO Z combines cutting edge cell separation and innovative wiring with Q.ANTUM Technology for higher yield per surface area, lower BOS costs, higher power classes, and an efficiency rate of up to 21.4 %.

A reliable investment
Double glass module design enables extended lifetime with 12-year product warranty and improved 30-year performance warranty[1].

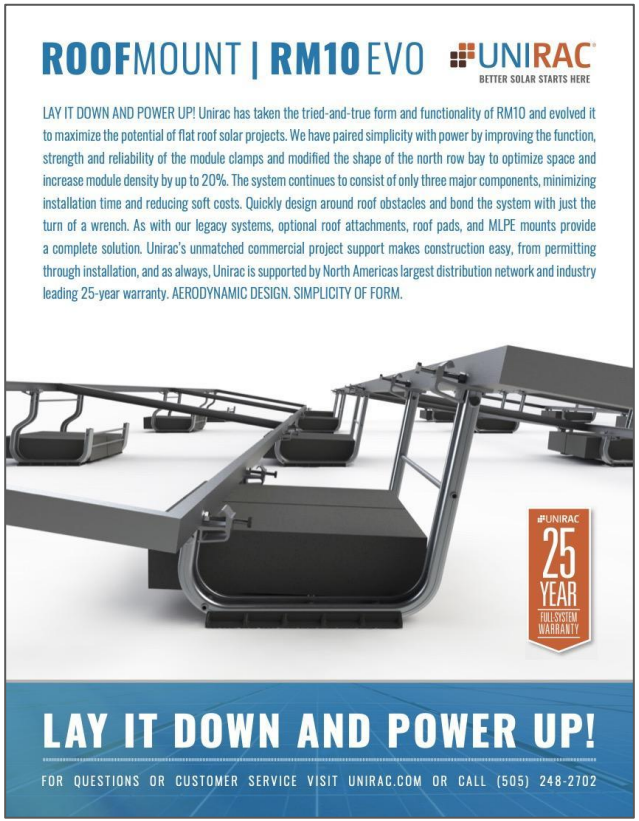
Enduring high performance
Long-term yield security with Anti LeTID and Anti PID Technology[2], Hot-Spot Protect.

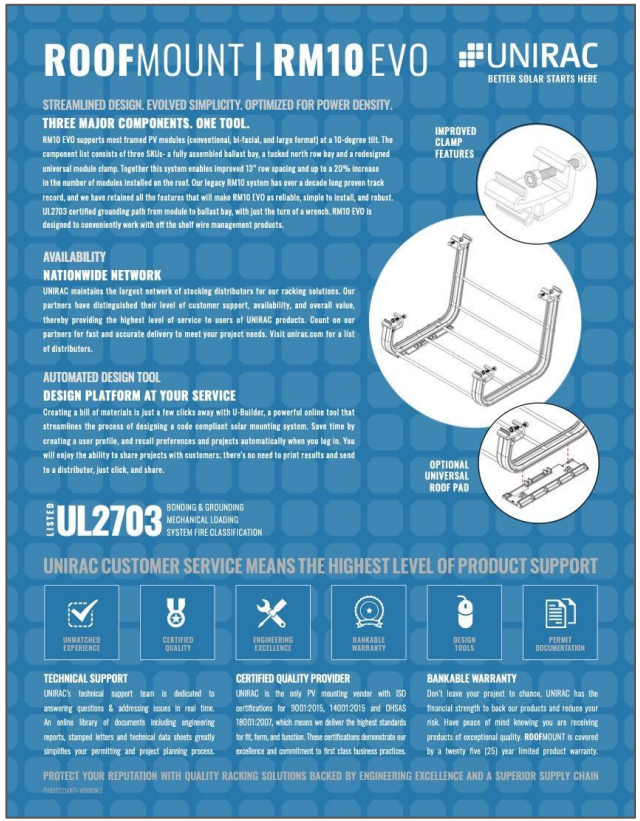
Frame for versatile mounting options
High-tech aluminum alloy frame protects from damage, enables use of a wide range of mounting structures and is certified regarding IEC for high snow (5400 Pa) and wind loads (2400 Pa).

Innovative all-weather technology
Optimal yields, whatever the weather with excellent low-light and temperature behavior.

[1] See data sheet on rear for further information.
[2] APT test conditions according to IEC/TS 62804-1:2015 method B (-1500 V, 168 h) including post treatment according to IEC 61215-1-1 Ed. 2.0 (CD)

Ballast Racking





Ballast Racking allows for solar to be installed without roof penetrations Modules are weighed down with ballast blocks. 10 degree tilt to the south for efficiency.

UniRac has manufacturing in the USA, which makes them a good candidate for Domestic Content and FEOC compliance*

*Domestic Content eligibility and FEOC compliance is subject to approval by the IRS.

Operations and Maintenance (O&M)

	Gym Roof Design (63.18 kW)
Annual O+M Price	$800

Above schedule and pricing includes:

- **Annual inspection of rooftop sites** and creation of an **annual inspection report** submitted to Client
- Active monitoring through the system's remote monitoring system and online monitoring portal
- Proactive response and outreach when system errors are present and system is offline.
- **Up to two (2) in person diagnostic and repair visits, per year**.
    - During diagnostic visits, technicians will addressing any simple repair issues (taking up to 4 hrs)
- Dedicated support from a remote O+M team who can help get the system back up and running.

Additional work on an as needed basis:

- ***Service Time & Materials: $125/tech hour including on-site + 1 hour drive-time, Materials cost + 10%***
- Approval for all service and projects updating systems will be sought in writing prior to commencement

If uninterested in annual O&M plan

- No annual inspection visits or free diagnostic visits
- Remote monitoring will still be active and client can pay as needed for any service or repairs

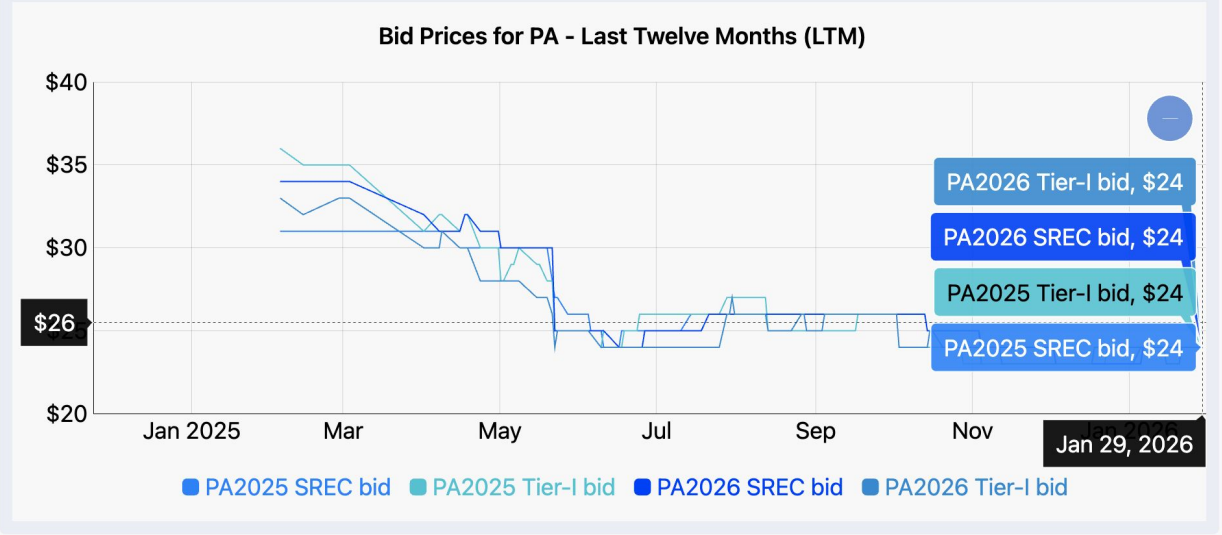
Financial Incentives

Solar Renewable Energy Credits (SRECs)

Market Prices

PA OH

Latest Bid Price: $23.70



This graph is protected by copyright laws and contains material proprietary to Xpansiv Limited and/or its affiliates. All bid pricing and notes included are indicative and subject to change. Please contact us for most current markets. If a market is not quoted herein, please contact us directly for further information. Usage policy.

Get more data

SRECs produce consistent revenue for owners of solar arrays.

1 MWh of solar electricity = 1 SREC

Prices vary over time depending on the PA Alternative Energy Portfolio Standards (AEPS)

Solar For Schools (S4S) Grant

Application Period Opens: January 26, 2026 (applications accepted on a rolling basis.)

Funding: Grant maximums shall be determined according to the following: (*MV/PI AR determined by PA Dept of Ed)*

Applicant Market Value/Personal Income Aid Ratio (MV/PI AR)*	Maximum Eligible Grant Amount
MV/PI AR ≥ .7	The lesser of $600,000 or 50% of project cost
.7 > MV/PI AR ≥ .5	The lesser of $480,000 or 40% of project cost
.5 > MV/PI AR	The lesser of $360,000 or 30% of project cost

Grant Amount Determination: The MV/PI AR will determine the hard caps on the grant amount (both % of project cost and numerical amount), but the % of total cost will be determined using the estimated price in the solar assessment. If bidding ends up being higher we will reimburse up to the awarded grant amount.

e.g. If the school qualifies for 50% of project costs and the estimated cost of the system is $500k DCED would approve the grant for $250k. If bidding ends up being $600k instead, DCED will reimburse up to the $250k that was originally approved. If bidding comes in under at $400k, DCED will reimburse 50% of eligible costs, so up to $200k.

According to the PA Dept of Ed, TESD has MV/PI AR of 0.15 and thus is eligible for 30% / up to $360k Grant Amount

Investment Tax Credit (ITC)

Investment Tax Credit: Commercial solar systems that are placed in service after 2022 and begin construction before 2033 are eligible for a 30% ITC. There are also 10% 'Bonus Adders' for Energy Communities, Low-Income Communities, and Domestic Content. The New Elementary School is not within a census tract designated as an "Energy Community," and would not qualify as the Low-Income Community. Domestic Content eligibility is contingent upon certification that equipment and materials are procured according to the applicable percentage "Domestic Content." Any entity seeking to claim the ITC must comply with Foreign Entities Of Concern (FEOC) requirements imposed by the One Big Beautiful Bill Act (OBBBA).

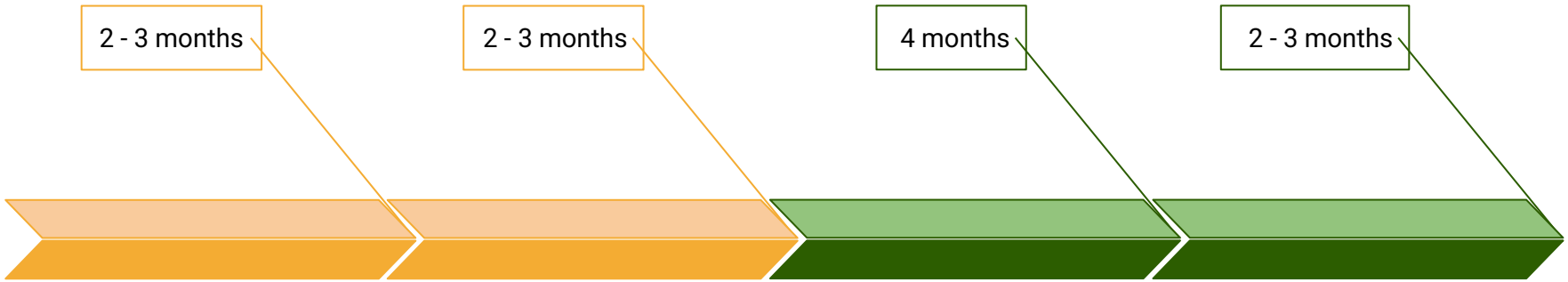
Elective pay / "Direct Pay" makes certain clean energy tax credits effectively refundable (see Elective pay and transferability FAQs). A non-taxed commercial entity can receive the full value of the credit because the IRS treats the elective payment amount as a tax payment. The IRS counts it as overpayment on the return and refunds it to the entity.

Safe Harbor + PTO: The ITC has a "commence construction" clause, which allows entities to "safe harbor" projects under 1.5 MW AC if at least 5% of the EPC cost has been used to purchase equipment / materials prior to July 4, 2026. Projects that are "safe harbored" have 4 years to complete the project and will able to claim the tax credit until 2030.

- For school districts that are unable to "commence construction" before July 4, 2026 - eligibility for the ITC will be contingent upon completing the solar installation and receiving Permission-To-Operate (PTO) from the utility by December 31, 2027.

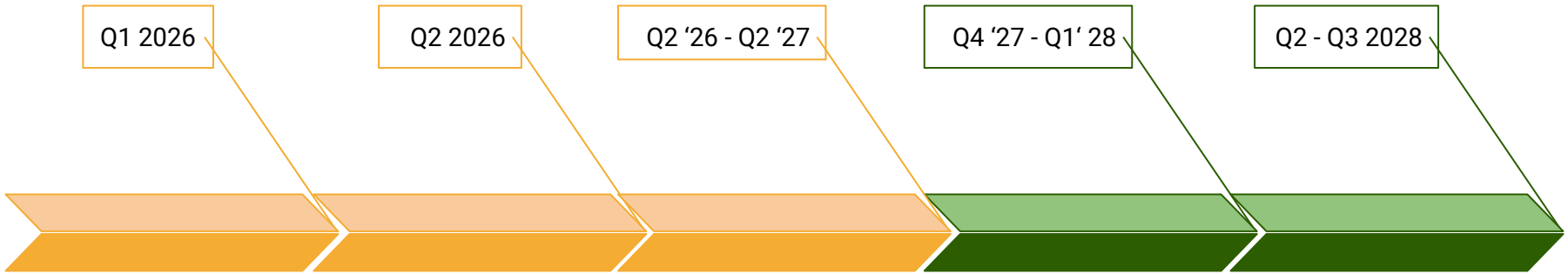
Timeline

Estimated Installation Timeline



Engineering + Permitting	Procurement	Solar Installation	Commissioning + PTO
Site Survey (In-Person + Drone)	Bulk Purchasing Solar Panels	Roof loading + Layout + Racking	Completing Installation + Inspection
Structural + Electrical Engineering	Inverters + Racking + Equipment	Panel Installation	Monitoring + SREC Registration
Building + Utility Permits	Delivery of materials	Electrical Interconnection	Permission-To-Operate (PTO)

Estimated Funding Timeline



S4S Grant Application

Submit prior to deadline

DCED reviews applications as they are submitted - so early applications are likely to receive funds first

S4S Grant Approval

Sign the grant agreement and commitment letter

DCED will send payment request form and instructions

Pay Installer On A Schedule

Requests for payment to DCED must be accompanied by invoices verifying costs incurred by applicant.

45 Days to process payments

Apply for IRA Incentives

Pre-Register for Direct Pay (Q4 2025)

Submit forms during tax time (after the system has been Placed-In-Service)

Receive Direct Payments

Several months after submitting tax forms to IRS - Direct Pay refunds will be issued according to eligibility for ITC and compliance with the IRA / OBBBA.

Grant Process

Grant Process

Items to include in Grant application

- Solar Site Assessment
- Board resolution (template in S4S guidelines)
- Letter of Support from Utility
- Describe energy usage, existing solar and energy conservation measures
- A roof assessment prepared by an engineer or qualified vendor that verifies the roof's ability to support the project
- Alternatively, a document describing ground-mounting plan (permitting and trenching)
- How this will support education - example Curriculum development plan
- Review and discuss property insurance impacts
- Draft Plan for Operations & Maintenance

RFP Process

Items to include in RFP

- Protection of roof integrity and warranties
- Provisions for performance monitoring/guarantees
- System technical specifications
- All necessary permits, inspections and interconnection with the electric utility
- Specification of a contractor required interconnection fee allowance
- Requirements for an operation and maintenance plan
- Leveraging project educational value with online data monitoring

Disclaimers

This assessment and professional support are for the purposes of creating a preliminary project budget and supporting the Solar for Schools grant application. These services do not guarantee that the District will be awarded the grant.

Any reference to the Investment Tax Credit (ITC) is not a guarantee that the District will be eligible for the ITC. All requirements under the One Big Beautiful Bill Act (OBBBA) must be met, including Foreign Entity of Concern (FEOC) requirements and details related to when the project 'Commences Construction' and when the system is Placed In Service.

The assessment is for informational purposes only and does not qualify as a proposal to bid for a solar project. Solar Possible LLC and Generation180 are not liable for District decisions made using this assessment.

Solar Possible LLC is a "Qualified Provider" as defined by Section II (1) of the Solar For Schools Grant Program Guidelines. This Solar Facility Site Assessment can be used to apply for the Solar For Schools Grant Program. Any additional information that is required will be provided upon request.

The information and opinions provided in this solar facility site assessment are for general informational and technical evaluation purposes only. This assessment does not constitute legal advice, regulatory advice, or a legal opinion. The solar consultant is not acting as an attorney and makes no representations regarding compliance with applicable laws, regulations, tax code, zoning requirements, permitting, or contractual obligations.Clients should consult with qualified legal counsel and other appropriate professionals before making decisions or taking actions based on this assessment.

Any Questions?

Jackson Kusiak
Solar Consultant, Solar Possible
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(215) 251-2179

Shannon Crooker
Pennsylvania Director, Generation180
shannon.crooker@generation180.org
(610) 621-9401

Generation180

SOLAR POSSIBLE



TURN-KEY TECHNOLOGIES

TREDYFFRIN / EASTTOWN SCHOOL DISTRICT

Inspiring the Future

E-RATE 2026

PEPPM MINI-BID

ARUBA NETWORK WIRELESS PROPOSAL

HPE aruba networking

ROBERT ELGART
Regional Sales Manager
610-896-2886
relgart@tti-wireless.com

2400 Main Street, EXT. Suite 12, Sayreville, New Jersey 08872 732-553-9100

Description	SKU	Qty.	Bid unit price	Bid ext. price
HPE Aruba Networking AP-725 (US) Tri-radio 2x2:2 802.11be Wi-Fi 7 Internal Antennas Campus AP	S4A25A	550	$ 454.10	$ 249,755.00
HPE Aruba Networking AP-755 (US) Tri-radio 4x4 Wi-Fi 7 Internal Antennas 5-Pack Campus Access	S0H11A	22	$ 4,928.60	$ 108,429.20
HPE Aruba Networking AP-765 (US) Flex Radio 2x2 Wi-Fi 7 Dynamic Omni-Directional Out-door AP	S4K19A	10	$ 986.10	$ 9,861.00
HPE Aruba Networking AP-OUT-MNT-V1A Outdoor AP Long Arm Pole/Wall Mounting Bracket	R9H97A	10	$ 80.56	$ 805.60
HPE Aruba Networking Central AP Foundation 5-year Subscription E-STU	Q9Y60AAE	689	$ 202.00	$ 139,178.00
HPE Aruba Networking 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D	6	$ 552.52	$ 3,315.12
HPE Aruba Networking 9240 (US) Campus Gateway 4xSFP28 1 Expansion Slot	R7H95A	3	$ 12,538.10	$ 37,614.30
HPE Aruba Networking Foundational Care 5Y NBD Exch Hardware Only 9240 Campus Gateway SVC	H34CLE	3	$ 3,319.30	$ 9,957.90
HPE Aruba Networking 9240 Spare 550W Power Supply	R7J63A	3	$ 273.98	$ 821.94
HPE Aruba Networking PC-AC-NA 125V/10A 1.8m C13 to NEMA 5-15P (NA) AC Power Cord	JW124A	6	$ 3.04	$ 18.24
HPE Aruba Networking 9240 Spare Fan Tray	R7J65A	3	$ 66.88	$ 200.64
HPE Aruba Networking 92/72xx Gateway WLAN Advanced 5-year Subscription E-STU	S0V03AAE	3	$ 6,299.20	$ 18,897.60
Installation, programming/integation, and system-level verification of equipment listed herein (up to maximum of 660 access points and 3 gateways); removal of an equivalent quantity of existing equipment; and project management. Floor plan drawings of all eleven buildings and walk-through available upon request. Preliminary high-level schedule: 2026-05-04 Kick-off (approx.) 2026-05-18 Gateway staging and initial integration begins at NOC (approx.) 2026-06-17 WAP replacements begin (tentative) 2026-07-31 As-Built documentation DRAFT due 2026-08-07 WAP replacements complete (soft deadline) 2026-08-14 WAP replacements complete (hard deadline) 2026-08-24 Removal of predecessor controllers complete 2026-08-28 Punch list complete; As-Built documentation FINAL due	N/A	1	$ 86,500.00	$ 86,500.00

Equipment sub-total	$ 578,854.54
Professional services sub-total	$ 86,500.00
TOTAL	**$ 665,354.54**

CONTRACT	**PEPPM MINI-BID**
TTI SPIN#	**143032154**
Sales Contact	Robert Elgart
Sales Phone	610-896-2886
Sales Email	relgart@tti-wireless.com
Date	3/2/2026
Customer	**Tredyffrin-Easttown School District**
Contact	Chen Williams
	Jackie Krail (MCIU)
Address	940 W Valley Rd, Suite 1700
City, ST Zip	Wayne, PA 19087
Email	williamsc@tesd.net
	jkrailconsult@mciu.org
Phone	610-240-1701

TURN-KEY TECHNOLOGIES

FINAL

Turn-key Technologies, Inc.
2400 Main St Ext., Suite 12
Sayreville, NJ 08872
732-553-9100

This proposal has been prepared in accordance with Prevailing Wage rules. All work covered under this project, including structured cabling installation, will be performed in compliance with applicable prevailing wage requirements. Certified payroll records will be provided as required

Part #	HPE ARUBA NETWORKS	List Price	Extended List	Disc %	Unit Price	Qty	Extended Price
S4A25A	HPE ANW AP-725 (US) Campus AP	$1,195.00	$657,250.00	62%	$454.10	550	$249,755.00
S0H11A	HPE ANW AP-755 (US) 5pk Campus AP	$12,970.00	$285,340.00	62%	$4,928.60	22	$108,429.20
S4K19A	HPE ANW AP-765 (US) Outdoor AP	$2,595.00	$25,950.00	62%	$986.10	10	$9,861.00
R9H97A	Aruba AP-270-MNT-V1A Otdr Long Arm Mnt	$212.00	$2,120.00	62%	$80.56	10	$805.60
Q9Y60AAE	HPE ANW Central AP Fnd 5y ESTU	$505.00	$347,945.00	60%	$202.00	689	$139,178.00
J9150D	Aruba 10G SFP+ LC SR 300m MMF XCVR	$1,454.00	$8,724.00	62%	$552.52	6	$3,315.12
R7H95A	Aruba 9240 (US) Campus Gateway	$32,995.00	$98,985.00	62%	$12,538.10	3	$37,614.30
H34CLE	Aruba 5Y FC NBD Exch HW 9240CGateway SVC	$3,494.00	$10,482.00	5%	$3,319.30	3	$9,957.90
R7J63A	9240 550W AC Power supply	$721.00	$2,163.00	62%	$273.98	3	$821.94
JW124A	PC-AC-NA AC Power Cord (North America)	$8.00	$48.00	62%	$3.04	6	$18.24
R7J65A	9240 Series Fan Tray	$176.00	$528.00	62%	$66.88	3	$200.64
S0V03AAE	HPE ANW 92/72xx GW WLAN Adv 5y Sub E-STU	$15,748.00	$47,244.00	60%	$6,299.20	3	$18,897.60
			$1,486,779.00			**Sub-total**	**$578,854.54**

Part #	TTI PAVTAC	List Price	Extended List	Disc %	Unit Price	Qty	Extended Price
PAVTAC	24x7x365 access to TTI Technical Assistance Center (1 yr)	$111,508.43	$111,508.43	100%			NO CHARGE
						Sub-total	**NO CHARGE**

Part #	INSTALLATION SERVICES	List Price	Extended List	Disc %	Unit Price	Qty	Extended Price
INSTALL	Installation, programming/integation, and system-level verification of all equipment listed herein; removal of an equivalent quantity of existing equipment; and project management.	$37,000.00	$37,000.00		$37,000.00	1	$37,000.00
MOUNT	Remove existing access point and mount, replace with new mount and access point	$75.00	$49,500.00		$75.00	660	$49,500.00
						Sub-total	**$86,500.00**

PROJECT TOTALS

EQUIPMENT TOTAL	**$578,854.54**
TTI PAVTAC	**NO CHARGE**
INSTALLATION TOTAL	**$86,500.00**
GRAND TOTAL	**$665,354.54**

SCOPE OF WORK

ALL SERVICES IN THE BELOW SCOPE OF WORK TO BE PERFORMED BY TURN-KEY TECHNOLOGIES ENGINEERS. NO SUB-CONTRACTORS WILL BE USED.

Preliminary high-level schedule:

- 2026-05-04 Kick-off (approx.)
- 2026-05-18 Gateway staging and initial integration begins at NOC (approx.)
- 2026-06-17 WAP replacements begins (tentative)
- 2026-07-31 As-Built documentation DRAFT due
- 2026-08-07 WAP replacements complete (soft deadline)

	2026-08-14 WAP replacements complete (hard deadline)						
	2026-08-24 Removal of predecessor controllers complete						
	2026-08-28 Punch list complete; As-Built documentation FINAL due						
	HPE ARUBA WIRELESS						
	Onboard all APs to Aruba Central for cloud-based management and monitoring						
	Upgrade to latest Aruba LSR Firmware						
	Build Groups and Sites as needed per design (Design to be agreed upon during initial project meeting calls)						
	Configure SSID and Authentication requirements based on design and planning calls						
	>>WLAN's will be built to match current setup. To take advantage of the 6Ghz RF spectrum WPA3 compatible WLAN's will be built for devices to be migrated into						
	Build security policies and user roles to support authentication requirements						
	Build RF profiles based on intended deployment design						
	Apply Best Practices for coverage, capacity, and client experience						
	Configure Alerts based on Best Practices and customer requirements (alerting limited to what is supported natively to Aruba Central)						
	Onsite testing with a TTI engineer in each location the Access Points will be installed prior to the deployment to Validate AP connectivity and SSID functionality						
	Knowledge Transfer: Central dashboards, troubleshooting, configuration review						
	CLIENT RESPONSIBILITIES						
	Infrastructure changes needed to support the installation (i.e. Infrastructure cabling or physical construction work)						
	TTI will not troubleshoot existing cable						
	Sufficient POE power for the Access Points						
	If installation occurs after hours, a site contact (email and phone number) for access to rooms, closets and other areas needed to support the installation as well as testing once a switch closet is complete						
	Customer is responsible for any and all local permits						
	Anything not listed in the above Scope of Work is considered out of scope and the responsibility of the customer.						
	Rack space and power						
DISTRICT TERMS							
	Purchase is contingent upon E-rate funding						
TERMS							
	Net 30						
	All quotes subject to TTI Terms of Sale						
	TTI accepts either BEAR or SPI invoicing						
	Any reductions in the funding amount by USAC will be the responsibility of the district.						
	There will be no returns on any equipment where the factory seal is broken.						
	Freight: Delivered						
	TTI is not responsible for any permits						
	This proposal is for new, non-refurbished, non-gray market equipment from Aruba Networks						

Capital Projects Fund Sources & Uses

		C	D	E	F	G	H	I	J	K	L	M	N	O
		IY 2022	IY 2023	IY 2024	IY 2025	IY 2026	IY 2027	IY 2028	IY 2029	IY 2030	IY 2031	IY 2032	IY 2033	
		FY 2022-2023	FY 2023-2024	FY 2024-2025	FY 2025-2026	FY 2026-2027	FY 2027-2028	FY 2028-2029	FY 2029-2030	FY 2030-2031	FY 2031-2032	FY 2032-2033	FY 2033-2034	TOTAL
		Actual*	Actual*	Actual*	In Process/ Recommended	In Process/ Recommended	Projected	Projected	Projected	Projected	Projected	Projected	Projected	
Sources														
1	Beginning Balance of Capital Projects	28,355,186	24,750,659	40,559,565	21,857,597	9,449,153	7,852,959	(9,492,930)	(19,725,275)	(31,832,961)	(40,275,427)	(48,188,491)	(56,406,648)	
2	Proceeds from Bond Issue	0	40,003,146	0	20,000,000	20,000,000	0	0	0	0	0	0	0	
3	General Fund Transfers to Capital Fund	5,000,000	5,000,000	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
4	**Projected GF Transfers to Capital Fund**	0	0	**5,500,000**	**6,000,000**	**6,000,000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
5	**Total Sources**	33,355,186	69,753,805	46,059,565	47,857,597	35,449,153	7,852,959	(9,492,930)	(19,725,275)	(31,832,961)	(40,275,427)	(48,188,491)	(56,406,648)	
Uses														
	Infrastructure Projects													
6	Maintenance	4,162,060	6,603,217	5,975,804	4,493,298	3,798,008	10,040,265	4,291,407	4,351,813	2,510,308	2,003,218	523,645	527,488	54,704,592
7	Building codes	0	0	0	0	0	214,615	33,054	12,397	113,235	0	85,983	266,468	725,752
8	Accessibility	0	0	0	0	0	61,821	1,107,355	63,593	37,967	43,645	0	0	1,314,381
9	Security	168,167	3,078	0	0	0	0	0	0	0	0	0	0	171,245
10	Infrastructure	0	533,000	42,116	160,746	84,600	1,494,995	243,570	609,799	96,598	2,794,676	190,327	286,814	6,537,241
11	Sustainability	0	0	0	0	0	215,479	1,666,308	3,474,275	2,772,414	0	4,521,224	347,007	12,996,707
	Additional Studies													
12	Façade Maintenance	0	0	528,000	30,000	165,500	0	0	0	30,000	0	0	0	753,500
13	Roof Replacement	598,199	192,497	1,263,500	0	0	0	0	0	0	0	0	0	2,054,196
14	Technology Infrastructure	367,860	666,778	1,035,272	151,860	1,049,566	1,196,668	1,101,927	820,570	1,433,200	965,126	1,527,285	778,323	11,094,435
	Capital Improvements													
15	CHS Expansion Project	0	112,000	388,000	0	0	0	0	0	0	0	0	0	500,000
16	Bear Hill Elementary School	14,001	323,965	3,480,000	16,778,386	20,862,042	0	0	0	0	0	0	0	41,458,394
17	Athletic Fields/Facilities	576,261	424,989	8,543,449	14,192,166	0	0	0	0	0	0	0	0	23,736,865
18	Playground Renovation/Equipment	86,173	573,200	853,574	835,564	0	1,127,731	0	757,291	0	287,555	0	67,982	4,589,070
19	Air Conditioning Elementary Schools	114,143	0	0	0	0	0	0	0	0	0	0	0	114,143
20	Air Conditioning Middle Schools	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Vestibules	1,563,260	207,047	0	0	0	0	0	0	0	0	0	0	1,770,307
	Capital Related Costs													
21	Prof Fees, District Costs, Contingencies	775,632	2,314,460	2,017,253	1,766,424	1,636,479	2,870,315	1,688,724	2,017,948	1,398,744	1,218,844	1,369,693	454,816	19,529,332
22	Vehicle Replacement	178,771	364,327	75,000	0	0	124,000	100,000	0	50,000	600,000	0	0	1,492,098
23	Purchase of Land/Property	0	16,875,682	0	0	0	0	0	0	0	0	0	0	16,875,682
24	**Total Uses**	8,604,527	29,194,240	24,201,968	38,408,443	27,596,195	17,345,889	10,232,345	12,107,686	8,442,466	7,913,064	8,218,157	2,728,898	200,417,940
25	**Balance of Sources over Uses**	24,750,659	40,559,565	21,857,597	9,449,153	7,852,959	(9,492,930)	(19,725,275)	(31,832,961)	(40,275,427)	(48,188,491)	(56,406,648)	(59,135,547)	

Source: 05/2025 Infrastructure Report with property purchases

* **Indicates Audited Fiscal Year**
Indicates Board Approval
Indicates Budgeted Costs Not Yet Board Approved
Indicates Contingency Amounts not yet Board Approved in Total

Bear Hill Elementary School

	A Budget	B Expenditures	C Encumbrance	B+C=D Project Total	A-D=E Balance Remaining
Construction	37,370,324	5,834,526	25,599,531	31,434,057	5,936,267
Mechanical	0	905,480	0	905,480	(905,480)
Plumbing	0	0	0	0	0
Electrical	0	191,449	183,100	374,549	(374,549)
Architect and Engineering Fees	3,826,867	1,781,280	1,438,860	3,220,140	606,727
Project Construction Total	**41,197,191**	**8,712,735**	**27,221,491**	**35,934,226**	**5,262,965**
Feasibility Study	0	0	0	0	0
Furniture Fixtures and Equipment	3,803,165	0	0	0	3,803,165
Printing and Postage	0	0	0	0	0
Site Surveys	0	5,873	0	5,873	(5,873)
Geotechnical Engineer	0	90,387	0	90,387	(90,387)
Permits & Approval	696,900	895,248	0	895,248	(198,348)
Legal	0	0	0	0	0
Technology	0	0	0	0	0
Total Non-Contract Purchase	**4,500,065**	**991,508**	**0**	**991,508**	**3,508,557**
Custodial Support	0	0	0	0	0
Maintenance Support	0	0	0	0	0
Security Support	0	0	0	0	0
Asbestos Removal (Incl. Supplies)	0	0	0	0	0
Project Supervision	0	0	0	0	0
Networking/Telephone/Security Wire	0	0	0	0	0
District Miscellaneous	0	0	0	0	0
Total District Charges	**0**	**0**	**0**	**0**	**0**
Project Contingency	**1,233,888**	0	**0**	**0**	**1,233,888**
Total Project:	**46,931,144**	**9,704,243**	**27,221,491**	**36,925,734**	**10,005,410**

Athletic Fields

	A Budget	B Expenditures	C Encumbrance	B+C=D Project Total	A-D=E Balance Remaining
General Contractor - B. Blair Corporation	9,055,462	8,938,262	0	8,938,262	117,200
General Contractor - Keystone Sports	5,003,875	4,917,917	0	4,917,917	85,958
General Contractor - L. J. Paolella	4,379,000	4,328,265	50,735	4,379,000	0
General Contractor - Donald Reisinger	318,739	318,739	0	318,739	0
HVAC Contractor - J. A. Smith Heating	551,500	493,367	58,133	551,500	0
Electrical - A. N. Lynch	360,000	229,147	130,853	360,000	0
Electrical - Greg A. Vietri	3,015,829	2,795,610	171,960	2,967,570	48,259
Plumbing - L. J. Paolella	536,700	0	536,700	536,700	0
Architect and Engineering Fees	1,198,113	2,233,897	0	2,233,897	(1,035,784)
Project Construction Total	**24,419,218**	**24,255,204**	**948,381**	**25,203,585**	**(784,367)**
Furniture Fixtures and Equipment	0	619,381	0	619,381	(619,381)
Printing and Postage	0	0	0	0	0
Site Surveys	0	0	0	0	0
Geotechnical Engineer	0	0	0	0	0
Permits & Approval	0	188,882	0	188,882	(188,882)
Legal	0	0	0	0	0
Technology	0	0	0	0	0
Total Non-Contract Purchase	**0**	**808,263**	**0**	**808,263**	**(808,263)**
Custodial Support	0	0	0	0	0
Maintenance Support	0	4,602	0	4,602	(4,602)
Security Support	0	0	5,835	5,835	(5,835)
Tree Removal	0	112,000	0	112,000	(112,000)
Project Supervision	0	76,876	0	76,876	(76,876)
Networking/Telephone/Security Wire	0	0	0	0	0
District Miscellaneous	0	33,929	0	33,929	(33,929)
Total District Charges	**0**	**227,407**	**5,835**	**233,242**	**(233,242)**
Project Contingency	**1,797,000**	0	**0**	**0**	**1,797,000**
Total Project:	**26,216,218**	**25,290,874**	**954,216**	**26,245,090**	**(28,872)**

Playgrounds

	A Budget	B Expenditures	C Encumbrance	B+C=D Project Total	A-D=E Balance Remaining
General Contractor - MRC	1,080,604	1,524,648	0	1,524,648	(444,044)
General Contractor - RubbereCycle	1,028,353	1,028,353	0	1,028,353	0
General Contractor - Honyak Construction	11,962	11,962	0	11,962	0
General Contractor - Donald Reisinger	45,684	45,684	0	45,684	0
	0	0	0	0	0
	0	0	0	0	0
Architect and Engineering Fees	215,448	292,523	0	292,523	(77,075)
Project Construction Total	**2,382,051**	**2,903,170**	**0**	**2,903,170**	**(521,119)**
Engineering Service	0	0	0	0	0
Furniture Fixtures and Equipment	0	0	0	0	0
Printing and Postage	0	0	0	0	0
Site Work	678,041	9,025	0	9,025	669,016
Geotechnical Engineer	0	0	0	0	0
Permits & Approval	0	9,931	0	9,931	(9,931)
Legal	0	0	0	0	0
Technology	0	0	0	0	0
Total Non-Contract Purchase	**678,041**	**18,956**	**0**	**18,956**	**659,085**
Custodial Support	0	0	0	0	0
Maintenance Support	0	0	0	0	0
Security Support	0	0	0	0	0
Tree Removal	0	0	0	0	0
Project Supervision	0	0	0	0	0
Networking/Telephone/Security Wire	0	0	0	0	0
District Miscellaneous	9,025	0	0	0	9,025
Total District Charges	**9,025**	**0**	**0**	**0**	**9,025**
Project Contingency	**0**	0	**0**	**0**	**0**
Total Project:	**3,069,117**	**2,922,126**	**0**	**2,922,126**	**146,991**

2025 Bid Package #1 - HVAC

	A Budget	B Expenditures	C Encumbrance	B+C=D Project Total	A-D=E Balance Remaining
General Contractor - Donald Reisinger	119,199	119,199	0	119,199	0
Mechanical - Hirschberg Mechanical	714,400	714,400	0	714,400	0
Plumbing - Clipper Pipe	181,000	147,488	33,513	181,001	(1)
Electrical - DK Construction	58,000	58,000	0	58,000	0
Architect and Engineering Fees	301,671	301,671	0	301,671	0
Project Construction Total	**1,374,270**	**1,340,758**	**33,513**	**1,374,271**	**(1)**
Feasibility Study	0	0	0	0	0
Furniture Fixtures and Equipment	0	0	0	0	0
Printing and Postage	0	0	0	0	0
Site Surveys, Testing	0	0	0	0	0
Professional Fees	0	0	0	0	0
Permits & Approval	0	0	0	0	0
Legal	0	0	0	0	0
Technical Services	0	0	0	0	0
Furniture & Equipment	0	0	0	0	0
Total Non-Contract Purchase	**0**	**0**	**0**	**0**	**0**
Custodial Support	0	0	0	0	0
Maintenance Support	0	0	0	0	0
Security Support	0	0	0	0	0
Asbestos Removal (Incl. Supplies)	0	0	0	0	0
Project Supervision	0	0	0	0	0
Networking/Telephone/Security Wire	0	0	0	0	0
District Miscellaneous	0	24,719	0	24,719	(24,719)
Total District Expenditures	**0**	**24,719**	**0**	**24,719**	**(24,719)**
Project Contingency	**0**	0	**0**	**0**	**0**
Total Project:	**1,374,270**	**1,365,477**	**33,513**	**1,398,990**	**(24,720)**