

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

**Facilities Committee Meeting
Tuesday, November 12, 2019**

7:00 PM – ROOM 200 - TEAO

AGENDA

I. Public Comment on Non-Agenda Items*

II. Approval of Minutes- October 15, 2019

III. Construction Report

IV. Discussion and Update Items

- a. **Conestoga High School Expansion and Renovation Project – HSA**
- b. **Air Conditioning at New Eagle and Devon Elementary Schools – HSA**
- c. **Summer 2020 Infrastructure**
- d. **Capital Source & Uses**
- e. **Other**

V. Future Facilities Committee Meetings

Tuesday, December 10, 2019

Tuesday, January 14, 2020

VI. Adjournment

***Public Comment on Agenda Items will be taken during the discussion of the agenda item**

2019 Committee Goals

- | |
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| <ol style="list-style-type: none">1. Monitor student enrollment, township reports, District programs and existing school facilities.2. Review and update the District Infrastructure Report.3. Use Goals #1 and #2 to ensure District facilities meet the needs of students, staff and Administration.4. Develop, review, and prioritize the facilities projects for summer 2020.5. Monitor, review and continue to evaluate the progress of the Conestoga High School Renovation and Expansion project.6. Work in conjunction with the Finance Committee to maintain funding of the capital improvement plan.7. Incorporate the District Facilities goal of supporting efforts to promote a sustainable environment while continuing to investigate opportunities to incorporate additional energy efficient practices.8. Incorporate the District Facilities goal of creating guidelines and standards for the donation of playground equipment to ensure uniformity and appropriateness for all students. |
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Facilities Committee Meeting Minutes
October 15, 2019
Room 200 – Tredyffrin/Easttown Administration Office
7:00 p.m.

Attending all or part of the meeting:

- Board Committee Members: Michele Burger, Chair, Todd Kantorczyk, Edward Sweeney, Dr. Roberta Hotinski
- Other Board Members: Rev. Scott Dorsey, Tina Whitlow, Mary Garrett Itin
- T/E School District Representatives: Dr. Richard Gusick, Art McDonnell, Elizabeth Butch, Colm Kelly, Dr. Mike Szymendera, Dr. Amy Meisinger, Dr. Patrick Boyle
- Other: Matt Heckendorn from Heckendorn Shiles Architects
David Farabaugh from Heckendorn Shiles Architects
Gene Richardson from Traffic, Planning and Design, Inc.
Craig Bryson from Pennoni
Chris Potterjoy from Pennoni
Peter Heverin from Teranet Consulting & Technical Services
- Community Members: Mike McFadden, Moira McHugh, Jerry Henige, Margie Waldron, Bill Bellew, Ali Brazunas, Tracy Johnson, Laurie Long, Stephen Johnson, Ryan Gallagher, Cindy Verguldi, Neal Colligan, Eileen Saunders, Rich Saunders, Brandon Sauran, Sue Tiede, Kathy Denoga, Karen Rotwitt-Perrin, Meijun Liu, Mary Lou Stockton

Public Comment: None

Approval of the Minutes:

- The Committee approved the minutes from the September 10, 2019 meeting.

Construction Report:

- Mr. Heckendorn reviewed Change Order GC-3 for work at Tredyffrin/Easttown Middle School. The Committee approved Change Order GC-3 which will be placed on the next regular board meeting consent agenda.
- Mr. Heverin reviewed Change Orders 4 and 5 for the CCTV project. The need for the change orders was discussed. The original plan tried to use the existing infrastructure wiring but after more intensive testing, it was determined the existing wiring showed intermittent issues and needed to be replaced. The Committee approved Change Orders 4 and 5 which will be placed on the next regular board meeting consent agenda.

2020-21 Infrastructure Report:

- Mr. Heckendorn reviewed the Proposed 2020 Infrastructure Project report focusing on the projects included for work in the summer of 2020. The committee discussed the project funding,

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project needs, use of in-house staff and the project planning process. The Committee approved HSA's fee proposal for the 2020 infrastructure projects and agreed to place it on the next regular board meeting consent agenda.

Air Conditioning at DES and NEES:

- Mr. Heckendorn reviewed the Summer 2020 air conditioning projects for DES and HES, highlighting the differences between the two and the project timeline. The committee reviewed the history of the projects and the process for the prioritizing of order of the elementary school air conditioning. The plan is to install air conditioning at the final two elementary schools in the summer of 2021.

13 Year Infrastructure Study:

- At the Committee's request at the last meeting, HSA provided a fee proposal letter for work required to update the District's infrastructure report. The study will address planning years 2021 through 2033. The committee discussed the study and clarified that the prior 10-year roofing study and the proposed technology infrastructure report would be incorporated into the study as well as represented in the Capital Sources and Uses report. The process will include an evaluation of equipment from age and potential energy efficiencies perspectives. The content of the report will be consistent with prior years, but the graphical presentation of the material will be updated to be more user friendly. The committee approved the HSA fee letter and agreed to place it on the next regular board meeting consent agenda.

Telephone System Replacement:

- Mr. Heverin reviewed the fee proposal for managing the replacement of the current telephone system project. The proposal used a Request for Information to identify the desired system features followed by the soliciting of Requests for Proposals. The committee discussed the desire to have a vendor that allows for service from more than one provider and the differentiation between system wants and needs. The proposed pricing was a "not to exceed" amount with a daily rate provided for informational purposes. Phasing in the phone system installation was not an option as phasing would require the interconnection of different platforms. The evaluation process was discussed. Dr. Szymendera clarified that planning for the replacement of the older phone system was needed to avoid future system issues. The committee approved the Teranet Consulting proposal and agreed to place it on the next regular board meeting consent agenda.

Information Technology Infrastructure Report:

- Mr. Heverin reviewed the proposal to create an information technology infrastructure report for the District. The report would be used for the planning of technology infrastructure capital projects. The committee approved the Teranet Consulting proposal and agreed to place it on the next regular board meeting consent agenda.

Conestoga High School Expansion Project

- Mr. Heckendorn provided an overview of the project. Ms. Burger announced that the Committee received a list of questions before the meeting from community members. The questions were answered by the consultants. Mr. Bryson reviewed the current parking situation and steps the High School had taken to try to address parking issues. He clarified that zoning code required more parking than what was included in the current plan and a waiver was granted by the Zoning Hearing Board for parking reduction. Mr. Heckendorn reviewed the parking options that were

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considered and the reasons why an alternative were not chosen. Mr. Bryson reviewed the specifications for the retaining wall and lighting. Lighting equipment and use would be consistent with current parking lot lighting. Mr. Potterjoy reviewed the stormwater requirements, current and proposed stormwater maps and the current and planned stormwater controls. The parking lot use, vehicle circulation and pedestrian traffic were discussed. Pavement markings and signage at crosswalks would be improved with this project. The proposed sport bus queuing improvements were discussed. Mr. Heckendorn noted that break-out costs are extremely difficult due to synergies of construction trades but estimated a rough cost of the parking lot portion of the Conestoga High School Expansion Project at \$1.5 to \$1.6 Million. Dr. Meisinger added information regarding parking lot usage, student schedules and parent meetings. There was discussion on stormwater rate control, 100-year storm levels and future projected enrollment growth. Mr. Heckendorn reviewed the historical public meeting schedule for this project and the distribution of information to the public was reviewed. Specifics on the retaining wall were provided. Additional discussion occurred regarding intersection lighting, pedestrian safety and current driver speed in the area. Mr. Bryson clarified that the driveway grade met code and the waiver for the driveway grade was due to the grade of the connecting road. It was clarified that some issues discussed were School District issues and some were Township issues.

- The committee reviewed options on the exterior treatment of the new expansion.
- The committee viewed a video showing a representation of the exterior and interior of the expansion.

Public Comment:

- Mary Lou Stockton commented on the telephone system replacement and the Conestoga High School Expansion project parking lot.
- Bill Bellew commented on the telephone system replacement and the Conestoga High School Expansion project parking lot.
- Rachel Walker commented on the Conestoga High School Expansion project parking lot.
- Laurie Long commented on the Conestoga High School Expansion project parking lot and bussing.
- Moira McHugh commented on the Conestoga High School Expansion project parking lot.
- Ryan Gallagher commented on the Conestoga High School Expansion project parking lot.
- Mike McFadden commented on the Conestoga High School Expansion project parking lot.
- Margie Waldron commented on the Conestoga High School Expansion project parking lot.
- Cindy Verguldi commented on the Conestoga High School Expansion project parking lot.
- Tracy Johnson commented on the Conestoga High School Expansion project parking lot.
- Meijun Liu commented on the Conestoga High School Expansion project parking lot.

Future Meeting Dates:

- Tuesday, November 11, 2019 at 7:00 PM at the TEAO

Adjournment:

- The meeting adjourned at 11:13 PM.

**Facilities Committee Meeting
Construction Report
November 12, 2019**

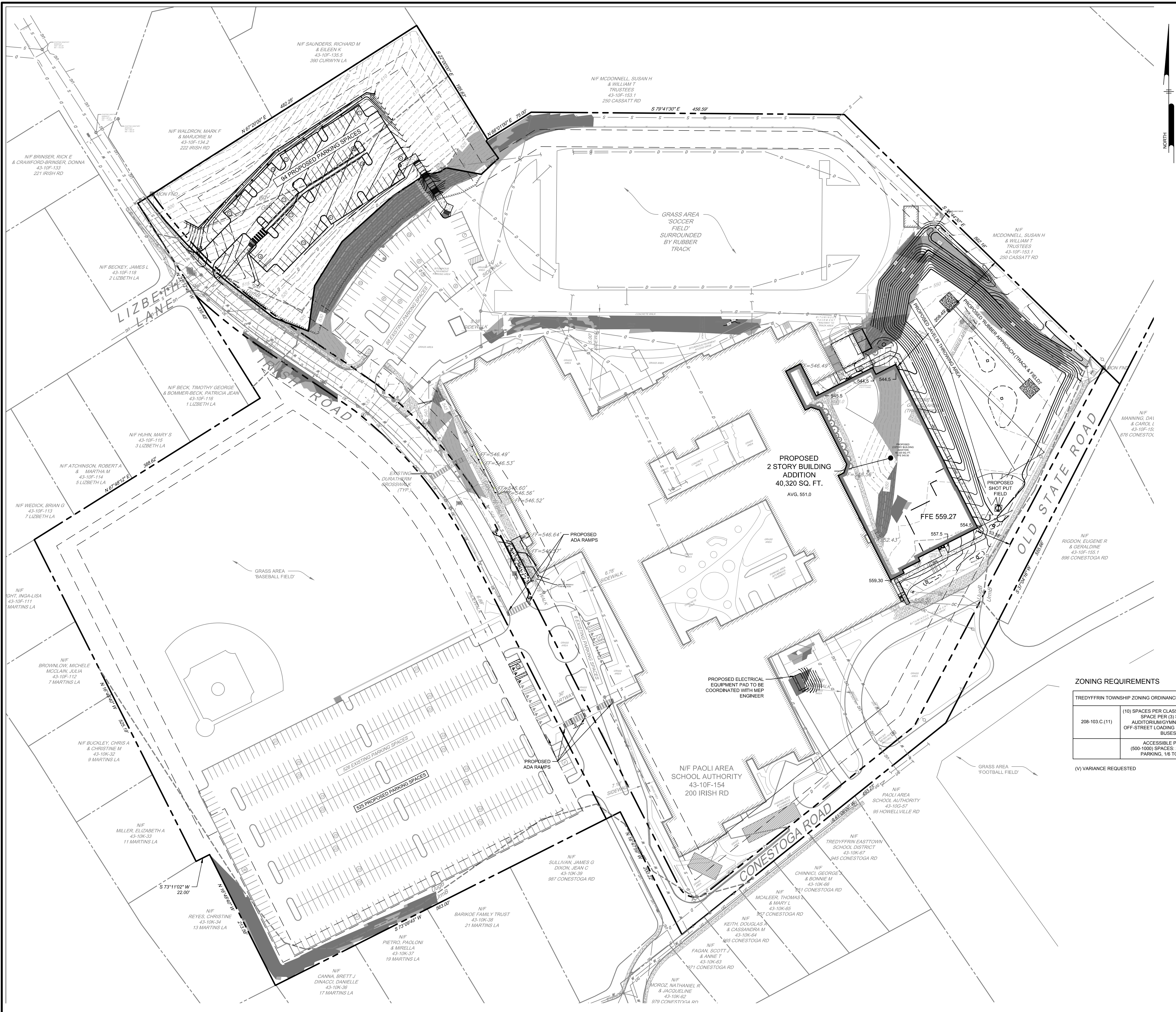
2019 Construction Projects:

1. Project #1 –Renovations , Replacements & Upgrades at BES, DES, HES and NEES
 - Issued for Bid March 13, 2019
 - Bids Received April 3, 2019
 - Committee Review April 9, 2019
 - Board Approved April 22, 2019
 - Scheduled Construction Start: June 17, 2019
 - Scheduled Completion: August 16, 2019

2. Project #2 –Renovations, Replacements & Upgrades to CHS, TEMS, VFMS and VFES
 - Issued for Bid February 6, 2019
 - Bids Received March 5, 2019
 - Committee Review March 12, 2019
 - Board Approved March 25, 2019
 - Scheduled Construction Start: June 17, 2019
 - Scheduled Completion: August 16, 2019

3. Project #3 –Air Conditioning at Hillside Elementary School
 - Issued for Bid February 11, 2019
 - Bids Received March 5, 2019
 - Committee Review March 12, 2019
 - Board Approved March 25, 2019
 - Scheduled Construction Start: June 17, 2019
 - Scheduled Completion: August 16, 2019

4. CCTV Security (Phase 1, 2 & 3)
 - Issued for Bid February 21, 2019
 - Bids Received March 28, 2019
 - Committee Review April 9, 2019
 - Board Approved April 22, 2019
 - Scheduled Construction Start (Phase 1): June 17, 2019
 - Scheduled Completion (Phase 1): August 16, 2019



LEGEND

[Symbol]	EXISTING PROPERTY LINE
[Symbol]	EXISTING ADJACENT PROPERTY LINE
[Symbol]	EXISTING RIGHT OF WAY LINE
[Symbol]	EXISTING SOIL BOUNDARY
[Symbol]	EXISTING BUILDING
[Symbol]	EXISTING TUNNEL
[Symbol]	EXISTING CURB
[Symbol]	EXISTING EDGE OF SIDEWALK
[Symbol]	EXISTING EDGE OF PAVEMENT
[Symbol]	EXISTING GRAVEL PAVEMENT
[Symbol]	EXISTING CONCRETE PAVEMENT
[Symbol]	EXISTING SLATE SIDEWALK
[Symbol]	EXISTING WALL
[Symbol]	EXISTING HANDRAIL
[Symbol]	EXISTING PEDESTRIAN STREET LIGHT
[Symbol]	EXISTING WINDOW WELL
[Symbol]	EXISTING MAJOR CONTOUR
[Symbol]	EXISTING MINOR CONTOUR
[Symbol]	EXISTING SPOT ELEV.
[Symbol]	EXISTING BOTTOM OF CURB ELEV.
[Symbol]	EXISTING 15%-25% STEEP SLOPES
[Symbol]	EXISTING 25%+ STEEP SLOPES
[Symbol]	EXISTING SANITARY SEWER
[Symbol]	EXISTING STORM SEWER
[Symbol]	EXISTING DOWNSPOUT
[Symbol]	EXISTING WATER LINE
[Symbol]	EXISTING UNDERGROUND NATURAL GAS LINE
[Symbol]	EXISTING UNDERGROUND STEAM LINE
[Symbol]	EXISTING UNDERGROUND ELECTRIC LINE
[Symbol]	EXISTING UNDERGROUND COMMUNICATION LINE
[Symbol]	EXISTING UTILITY STRUCTURE
[Symbol]	EXISTING TREE

[Symbol]	PROPOSED BUILDING AT GRADE
[Symbol]	PROPOSED BUILDING ABOVE GRADE
[Symbol]	PROPOSED DOOR
[Symbol]	PROPOSED PAVEMENT MILLING LIMIT
[Symbol]	PROPOSED MILL AND OVERLAY
[Symbol]	PROPOSED SIDEWALK
[Symbol]	PROPOSED CONCRETE PAD
[Symbol]	PROPOSED LANDSCAPED AREA
[Symbol]	PROPOSED CURB
[Symbol]	PROPOSED DEPRESSED CURB
[Symbol]	PROPOSED WALL
[Symbol]	PROPOSED PARKING STRIPING
[Symbol]	PROPOSED SIGN
[Symbol]	PROPOSED PEDESTRIAN STREET LIGHT
[Symbol]	PROPOSED STORM INLET
[Symbol]	PROPOSED STORM MANHOLE
[Symbol]	PROPOSED SANITARY MANHOLE
[Symbol]	PROPOSED ELECTRICAL MANHOLE
[Symbol]	PROPOSED MAJOR CONTOUR
[Symbol]	PROPOSED MINOR CONTOUR

ZONING REQUIREMENTS

TREDFRFRIN TOWNSHIP ZONING ORDINANCE, ZONED: RESIDENCE DISTRICT (R-1)

208-103 C.(11)	126 CLASSROOMS, 840 SEATS 1,340 SPACES REQUIRED	597	685 (V)
(10) SPACES PER CLASSROOM, PLUS (1) SPACE PER (3) SEATS IN AUDITORIUM/GYMNASIUM, PLUS OFF-STREET LOADING FOR (7) SCHOOL BUSES	7 SCHOOL BUS LOADING SPACES	PROVIDED	PROVIDED
ACCESSIBLE PARKING (500/1000) SPACES; 2% OF TOTAL PARKING, 16 TO BE VAN	885 SPACES 14 SPACES (3 VAN) REQUIRED	12 SPACES (4 VAN)	15 SPACES (4 VAN)

(V) VARIANCE REQUESTED

GENERAL NOTES:

SITE ADDRESS:
CONESTOGA HIGH SCHOOL
200 IRISH ROAD
BERWYN, PA 19312

OWNER:
PAOLI AREA SCHOOL AUTHORITY
840 WEST VALLEY ROAD, SUITE 1700
WAYNE, PA 19087
(610) 240-1900

APPLICANT:
TREDFRFRIN EASTTOWN SCHOOL DISTRICT
840 WEST VALLEY ROAD, SUITE 1700
WAYNE, PA 19087
(610) 240-1900

ARCHITECT:
HECKENDORF AND SHILES
341 EAST CONESTOGA ROAD, #1
WAYNE, PA 19087
(610) 994-3500

ENGINEER:
PENNONI ASSOCIATES INC.
ONE SOUTH CHURCH STREET, 2ND FLOOR
WEST CHESTER, PA 19382
(610) 428-8907

NOTES:

1. LOCATION: THE PROJECT IS LOCATED ON THE NORTHEAST CORNER OF IRISH ROAD AND CONESTOGA ROAD. THE SITE IS BOUND BY RESIDENTIAL PROPERTIES TO THE NORTH, OLD STATE ROAD TO THE EAST, CONESTOGA ROAD TO THE SOUTH, AND IRISH ROAD TO THE WEST.
2. THE SITE TRACT, KNOWN AS 'CONESTOGA HIGH SCHOOL', CONTAINS A TOTAL AREA OF 31.83 AC. COMPRISED OF INSTITUTIONAL BUILDINGS, SUPPORTING FACILITIES, AND ASSOCIATED SITE FEATURES.
3. PUBLIC RECORD INFORMATION
PARCEL ID: 43-10F-154
AREA: 31.83 AC
4. THE PROJECT SITE IS LOCATED ENTIRELY WITHIN THE RESIDENTIAL (R-1) ZONING DISTRICT.
5. THE INTENT OF THIS PLAN IS TO DEPICT THE DEVELOPMENT OF AN ADDITION AND SITE IMPROVEMENTS.
6. UTILITY NOTES
6.1. THE LOCATION OF THE EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN TAKEN FROM EXISTING UTILITY RECORDS AVAILABLE AT THE TIME THESE PLANS WERE PREPARED AND FROM SURFACE OBSERVATION OF THE SITE.
- 6.2. COMPLETENESS OR ACCURACY OF LOCATION AND DEPTH OF UNDERGROUND UTILITIES AND STRUCTURES IS NOT GUARANTEED.

- 6.3. IN ACCORDANCE WITH PA ACT 267 AS OF 1974 AS AMENDED BY ACT 50 OF 2017, THE CONTRACTOR SHALL NOTIFY ALL UTILITIES WITHIN THE WORK AREA VIA THE PENNSYLVANIA ONE CALL SYSTEM, INC. (800-242-1776).
- 6.4. THE CONTRACTORS SHALL VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES AND STRUCTURES BEFORE THE START OF WORK.
- 6.5. IF CONDITIONS ARE FOUND THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND DESIGN ENGINEER FOR INSTRUCTION BEFORE PROCEEDING WITH WORK.
7. REFERENCE IS MADE TO PENNSYLVANIA ONE CALL SYSTEM ASSIGNED SERIAL NUMBER 2018011186 IN ACCORDANCE WITH PA ACT 267 AS OF 1974 AS AMENDED BY ACT 50 OF 2017 ENTITLED "UNDERGROUND UTILITY LINE PROTECTION LAW", (800-242-1776).
8. HORIZONTAL GEOMETRY IS REFERENCED TO PENNSYLVANIA STATE PLANE COORDINATE SYSTEM, ZONE SOUTH, NAD 83 AND THE VERTICAL DATUM IS BASED ON NAVD 88.

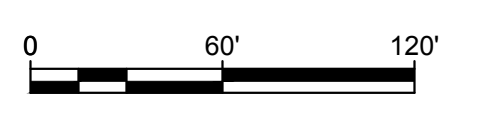
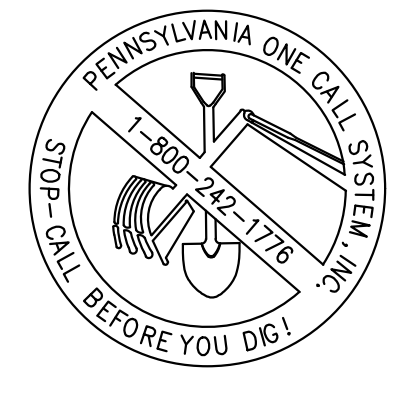
REFERENCE:

1. TOPOGRAPHIC SURVEY PERFORMED BY SAS GEOSPATIAL, LLC. IN NOVEMBER 2018 WITHOUT THE BENEFIT OF A TITLE REPORT.
2. EXISTING UNDERGROUND UTILITIES WERE LOCATED BY MASTER LOCATORS IN SEPTEMBER 2018.
3. ADDITIONAL EXISTING TOPOGRAPHIC, BOUNDARY, AND SUBSURFACE INFORMATION OBTAINED FROM PLANS PREPARED BY CHESTER VALLEY ENGINEERS, INC., ENTITLED "OVERALL SITE PLAN", DATED 11/20/01.

FLOOD ZONE INFORMATION:

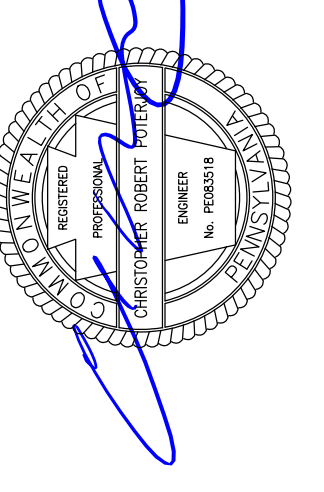
1. BY GRAPHIC PLOTTING ONLY, SUBJECT PARCEL AREA IS LOCATED IN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD) OF THE FLOOD INSURANCE

CALL BEFORE YOU DIG
BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
CALL 1-800-242-1776
PA ACT 287 OF 1974 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC. SERIAL NUMBER(S): 2019071168-000



NOT FOR CONSTRUCTION

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR
DISCREPANCIES BEFORE PROCEEDING WITH WORK



CONESTOGA HIGH SCHOOL EXPANSION
200 IRISH ROAD
BERWYN, PA 19312

ZONING PLAN PARKING

PAOLI AREA SCHOOL AUTHORITY
840 WEST VALLEY ROAD, SUITE 1700
WAYNE, PA 19087

NO.	DATE	BY	REVISIONS
0002	10-29-2018	JCM	ADDITIONAL #1

PROJECT: HESAX19001
DATE: 04-22-2019
DRAWING SCALE: AS NOTED
DRAWN BY: 0502
APPROVED BY: JCM







TREDYFFRIN-EASTTOWN MIDDLE SCHOOL

Mr. Arthur McDonnell
 Tredyffrin/Easttown School District
 West Valley Business Center
 940 West Valley Road, Suite 1700
 Wayne, PA 19087

**Fee Letter Proposal for TESD Conestoga High School Addition and Renovations
 Pennoni & Traffic Planning and Design**

Dear Art:

The following is a fee proposal associated with the anticipated Conestoga High School Addition and Renovations. The scope of work efforts included in this fee letter are noted in detail on the attached Proposals from Pennoni (PAI) & Traffic Planning and Design (TPD). These fees are associated with work efforts necessitated by the land approvals process.

Consultant	Work Description		Not-to-Exceed Fee
HSA	Architecture, Project Management, Furniture & Engineering Coordination		\$0
PAI	Civil Engineering & Landscape Architecture		\$13,850
TPD	Transportation Engineering		\$13,500
	Totals of Proposed Fees		\$27,350

The above fees are not to exceed amounts, and will be invoiced hourly using the rates from our yearly services agreement with the School District. If there is time and monies saved, this will be returned to the District.

Sincerely,
HECKENDORN SHILES ARCHITECTS

Matthew A. Heckendorn, AIA, LEED AP
 Principal

Authorized: Arthur McDonnell
 Tredyffrin Easttown School District

Date



CHANGE TO SCOPE/SCHEDULE/FEE

Date: Nov 6, 2019

Pennoni Project #: HESAX 19001

Scope Change #: 3

Project Title: Conestoga High School

Project Location: 940 West Valley Road, Tredyffrin Township, PA

Client Responsible Party: Matt Heckendorn, AIA

Client Address: 347 East Conestoga Road

Client Phone: 610-825-2600

Fax: _____

Email: matt@hsarch.com

Description of Change(s):

Reduce the proposed 128 car parking lot to 94 spaces. Tasks include;

- Prepare Sketch Plans and area calculations for parking reduction options
- Revise final Site Plan and bulk area calculations
- Revise Zoning Plan and application coordination with attorney
- Revise Grading Plan, Landscape Plan and associated landscape calculations
- Revise Utility Plan and associated basin reconfiguration
- Revised Stormwater Management Report and associated post construction Management Plans
- Revise Erosion and Sedimentation Plans and reports
- Anticipated revisions per agency reviews

Revised Due Date: November 8, 2019

Original Contract Amount	\$ 130,000
Amount of Other Scope Changes	\$ 63,095
Amount of this Scope Change	\$ 13,850
New Contract Total	\$ 206,945

PAYMENT/FEEES: TIME/MATERIALS UNIT RATE ATTACHED ESTIMATED FEE LUMP SUM

Services will be completed in accordance with the terms and conditions agreed upon in the original contract.

- This document serves as an addendum to the original contract.
- Please sign below and return to us. This will serve as our agreement and becomes effective immediately to proceed with the change(s) described above.

<hr/>		<hr/>	<hr/>
Client Authorized Signature	Date	Pennoni Associates Signature	11/06/2019 Date
<hr/>		Craig Bryson, Vice-President	
Client Name/Title (printed)		Pennoni Associates Name/Title (printed)	



TRAFFIC PLANNING AND DESIGN, INC.

WWW.TRAFFICPD.COM

Professional Services Agreement

Date: November 6, 2019 Client: Tredyffrin-Easttown School District

Client Address: c/o Heckendorn Shiles Architects
347 East Conestoga Road
Wayne, PA 19087-2547

Client Contact: Mr. Matthew A. Heckendorn, AIA

Project Name: Conestoga High School Expansion

Municipality/County/State: Tredyffrin Township, Chester County, PA

TPD Project Manager: Greg Richardson, P.E.

TPD Project No.: TESD.00001

Due to additional services that are required for this project, Traffic Planning and Design, Inc. (TPD) is submitting this Supplement for your review and authorization. The original Agreement between Tredyffrin-Easttown School District (c/o Heckendorn Shiles Architects) ("Client") and TPD is dated February 12, 2019. Unless specifically stated otherwise in this document, the assumptions, terms and conditions of the original Agreement will continue to pertain to the services outlined in this document.

Additional Scope of Services

Upon Client's authorization, TPD will perform the following tasks which represent additional services for this project:

- » Attend the September 18, 2019 Tredyffrin Township Traffic Safety Committee Meeting.
- » Attend the October 2, 2019 Tredyffrin Township Staff Meeting.
- » Attend the October 15, 2019 Tredyffrin-Easttown School District Facilities Meeting.
- » Attend the October 17, 2019 Tredyffrin Township Planning Commission Meeting.
- » Attend the November 20, 2019 Tredyffrin Township Zoning Hearing.
- » Attend the November 21, 2109 Tredyffrin Township Planning Commission Meeting.
- » Preparation of a Conditions (Traffic) of Approval Letter
- » Preparation of a Irish Road Pavement Marking and Signing Plan Exhibit
- » Project coordination with the Project Team and Township Consultants.

Estimated Fee for Services

TPD's fee for these professional services is not to exceed **\$13,500.00**. TPD will not proceed with services beyond this fee unless first obtaining additional authorization from Client.

Expenses such as copies, prints, postage, mileage, next-day mail, and hand-delivery of materials are included in the fee for professional services, and will be billed in addition to TPD's professional services.

{Continue to next page for Client Authorization of this Supplement}

AUTHORIZATION PAGE

Use of Agreement

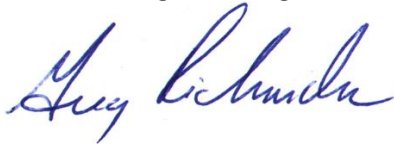
Client agrees that the Scope of Services and related provisions in this Agreement represent a valuable and unique work product developed by TPD specifically for this project. As such, it may not be used or disclosed by Client for any purpose without TPD's express consent in writing unless required to be released as part of a Right to Know Request. This specifically precludes Client from utilizing the enclosed Scope of Services for the purpose of soliciting competitive bids from other companies, unless TPD has been compensated for our services in developing the Scope of Services and related provisions.

Client Acceptance

TPD's offer of services under this Agreement shall remain valid for thirty (30) calendar days from the date of this Agreement. Acceptance of the Agreement after the end of the thirty (30) day period shall be valid only if TPD elects, in writing, to reaffirm the Agreement, and waives its right to re-evaluate and resubmit the Agreement. In order for TPD to begin our services, we request that Client review this Agreement and return the signed authorization to our office.

Prepared by:

Traffic Planning and Design, Inc. (TPD)



Greg Richardson, P.E. – Executive V.P.

Client Authorization (TPD Job #TESD.00001)

Client authorizes TPD to proceed with the services as described within this Agreement:

Signature: _____ Date: _____

Name (Please Print): _____

Title: _____ Firm: _____

E-mail Address: _____ Phone Number: _____

Billing Address*: _____

** (If different than first page)* _____

Please retain one copy for your file and forward an executed copy to TPD.

Headquarters for Traffic Planning and Design, Inc. (TPD)
2500 East High Street, Suite 650
Pottstown, PA 19464
Phone 610.326.3100
www.trafficpd.com

Capital Sources & Uses

	A	B	C	D	E	F	G
	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023		Total Projected
	Actual	Projected	Projected	Projected	Projected	Future	Projects
Sources							
1 General Fund Transfer to Capital Project	17,181,440	11,425,162	3,863,324	0	0	0	
2 Proceeds from Bond Issue	30,596,347	30,596,347	30,596,347	(1,753,588)	(18,490,597)	(32,277,777)	
3 Assigned Athletic Fund Balance	0	0	0	0	0	0	
4 Total Sources	47,777,787	42,021,509	34,459,671	(1,753,588)	(18,490,597)	(32,277,777)	
Uses							
5 Capital Improvement	79,991	1,673,050	463,560	203,064	2,841,291	816,717	5,997,682
6 Deferred Maintenance	4,874,087	2,096,900	710,862	1,876,668	2,660,949	3,724,510	11,069,889
7 Roofing	577,584	0	0	49,280	20,000	20,000,000	20,069,280
8 Regulatory/Safety	66,111	21,500	27,840	14,338	14,755	609,597	688,030
9 CCTV Security System	0	432,990	363,510	468,234	0	0	1,264,734
10 Elementary Schools Air Conditioning	0	2,389,700	3,376,546	3,795,393	0	0	9,561,639
11 Middle Schools Air Conditioning	0	0	0	0	6,451,857	0	6,451,857
12 CHS Expansion Project	0	0	25,438,915	5,087,783	0	0	30,526,698
13 Hillside Parking Lot	0	0	0	0	0	2,180,000	2,180,000
14 Traffic Feasibility Study	0	0	0	0	0	4,540,823	4,540,823
15 Vehicle Replacement	0	0	0	0	0	1,607,548	1,607,548
16 Prof Fees, District Costs, Contingencies	158,505	947,698	5,832,026	5,242,250	1,798,328	4,780,747	18,601,049
17 Total Uses	5,756,277	7,561,838	36,213,259	16,737,010	13,787,180	38,259,942	112,559,229
18 Balance of Sources over Uses	42,021,509	34,459,671	(1,753,588)	(18,490,597)	(32,277,777)	(70,537,719)	

Source: October 11, 2019 Infrastructure Report

TREDYFFRIN/EASTTOWN SCHOOL DISTRICT
CAPITAL PROJECT SUMMARY

November 12, 2019

	A	B	C	D	C+D=E	B-E=F	A-E=G
Capital Projects	Pre-Bid 18-19	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining	Pre-Bid Remaining
1 Renovations, Replacements & Upgrades at BES, DES, HES and NEES	1,344,300	1,785,180	1,517,695	132,524	1,650,219	134,961	(305,919)
2 Renovations, Replacements & Upgrades to CHS, TEMS, VFMS and VFES	2,447,150	2,733,040	2,379,890	334,044	2,713,934	19,106	(266,784)
3 Air Conditioning at Hillside Elementary School	2,027,450	2,608,300	2,114,066	269,997	2,384,063	224,237	(356,613)
4 CCTV Security Camera Upgrades and Enhancements	1,231,148	1,256,000	514,312	891,932	1,406,244	(150,244)	(175,096)
5 Conestoga High School Expansion Project	39,869,889	39,573,986	1,141,230	1,696,250	2,837,480	36,736,506	37,032,409
Total All Capital Projects	46,919,937	47,956,506	7,667,194	3,324,747	10,991,940	36,964,566	35,927,997

Renovations, Replacements & Upgrades at BES, DES, HES and NEES

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - Donald E Reisinger, Inc.	238,700.00	202,230.00	22,470.00	224,700.00	14,000.00
2 Mechanical - GEM Mechancal Services Inc.	697,400.00	624,114.37	73,285.63	697,400.00	0.00
3 Plumbing - Five Star, Inc.	116,900.00	100,440.00	16,460.00	116,900.00	0.00
4 Electrical - AJM Electric, Inc.	401,500.00	381,425.00	20,075.00	401,500.00	0.00
2 Architect and Engineering Fees	183,680.00	145,947.02	232.98	146,180.00	37,500.00
3 Project Construction Total	1,638,180.00	1,454,156.39	132,523.61	1,586,680.00	51,500.00
4 Feasibility Study	0.00	0.00	0.00	0.00	0.00
5 Architect Fees-Coordination Bids	0.00	0.00	0.00	0.00	0.00
6 Printing and Postage	0.00	0.00	0.00	0.00	0.00
7 Site Surveys, Testing	0.00	0.00	0.00	0.00	0.00
8 Permits & Approval	1,000.00	947.01	0.00	947.01	52.99
9 Legal	0.00	0.00	0.00	0.00	0.00
10 Technology	0.00	0.00	0.00	0.00	0.00
11 Furniture & Equipment	63,000.00	62,592.00	0.00	62,592.00	408.00
12 Total Non-Contract Purchase	64,000.00	63,539.01	0.00	63,539.01	460.99
13 Custodial Support	1,000.00	0.00	0.00	0.00	1,000.00
14 Maintenance Support	1,000.00	0.00	0.00	0.00	1,000.00
15 Security Support	1,000.00	0.00	0.00	0.00	1,000.00
16 Asbestos Removal (Incl. Supplies)	0.00	0.00	0.00	0.00	0.00
17 Project Supervision	0.00	0.00	0.00	0.00	0.00
18 Networking/Telephone/Security Wire	0.00	0.00	0.00	0.00	0.00
19 District Miscellaneous	0.00	0.00	0.00	0.00	0.00
20 Total District Charges	3,000.00	0.00	0.00	0.00	3,000.00
21 Project Contingency	80,000.00	0.00	0.00	0.00	80,000.00
22 Total Project:	1,785,180.00	1,517,695.40	132,523.61	1,650,219.01	134,960.99

Renovations, Replacements & Upgrades to CHS, TEMS, VFMS and VFES

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - Donald E Reisinger, Inc.	773,840.00	694,981.40	75,571.11	770,552.51	3,287.49
2 Mechanical - Clipper Pipe and Service Inc.	786,000.00	665,950.00	120,050.00	786,000.00	0.00
3 Plumbing - Hirschberg Mechanical	140,200.00	118,530.00	21,670.00	140,200.00	0.00
4 Electrical - MJF Electrical Contracting, Inc.	570,500.00	456,165.00	114,335.00	570,500.00	0.00
5 Architect and Engineering Fees	299,500.00	298,182.20	2,417.80	300,600.00	(1,100.00)
6 Project Construction Total	2,570,040.00	2,233,808.60	334,043.91	2,567,852.51	2,187.49
7 Feasibility Study	0.00	0.00	0.00	0.00	0.00
8 Furniture Fixtures and Equipment	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys, Testing	0.00	0.00	0.00	0.00	0.00
11 Professional Fees	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	15,000.00	13,073.31	0.00	13,073.31	1,926.69
13 Legal	0.00	0.00	0.00	0.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	135,000.00	133,008.00	0.00	133,008.00	1,992.00
16 Total Non-Contract Purchase	150,000.00	146,081.31	0.00	146,081.31	3,918.69
17 Custodial Support	1,000.00	0.00	0.00	0.00	1,000.00
18 Maintenance Support	1,000.00	0.00	0.00	0.00	1,000.00
19 Security Support	1,000.00	0.00	0.00	0.00	1,000.00
20 Asbestos Removal (Incl. Supplies)	0.00	0.00	0.00	0.00	0.00
21 Project Supervision	0.00	0.00	0.00	0.00	0.00
22 Networking/Telephone/Security Wire	0.00	0.00	0.00	0.00	0.00
23 District Miscellaneous	0.00	0.00	0.00	0.00	0.00
24 Total District Expenditures	3,000.00	0.00	0.00	0.00	3,000.00
25 Project Contingency	10,000.00	0.00	0.00	0.00	10,000.00
26 Total Project:	2,733,040.00	2,379,889.91	334,043.91	2,713,933.82	19,106.18

Air Conditioning at Hillside Elementary School

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - Donald E Reisinger	195,800.00	176,220.00	19,580.00	195,800.00	0.00
2 Mechanical - Five Star, Inc. Mechanical	1,480,000.00	1,269,760.50	210,239.50	1,480,000.00	0.00
3 Electrical - MJF Electrical Contracting, Inc	496,000.00	458,137.00	37,863.00	496,000.00	0.00
4 Architect and Engineering Fees	181,000.00	178,303.82	940.00	179,243.82	1,756.18
5 Project Construction Total	2,352,800.00	2,082,421.32	268,622.50	2,351,043.82	1,756.18
6					
7 Feasibility Study	0.00	0.00	0.00	0.00	0.00
8 Furniture Fixtures and Equipment	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys	0.00	0.00	0.00	0.00	0.00
11 Structural Engineer	2,500.00	2,400.00	0.00	2,400.00	100.00
12 Permits & Approval	20,000.00	18,059.58	559.76	18,619.34	1,380.66
13 Legal	0.00	0.00	0.00	0.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	22,500.00	20,459.58	559.76	21,019.34	1,480.66
17 Custodial Support	0.00	0.00	0.00	0.00	0.00
18 Maintenance Support	1,000.00	0.00	0.00	0.00	1,000.00
19 Security Support	12,000.00	11,185.03	814.97	12,000.00	0.00
20 Asbestos Removal (Incl. Supplies)	0.00	0.00	0.00	0.00	0.00
21 Project Supervision	0.00	0.00	0.00	0.00	0.00
22 Networking/Telephone/Security Wire	0.00	0.00	0.00	0.00	0.00
23 District Miscellaneous	0.00	0.00	0.00	0.00	0.00
24 Total District Charges	13,000.00	11,185.03	814.97	12,000.00	1,000.00
25 Project Contingency	220,000.00	0.00	0.00	0.00	220,000.00
26 Total Project:	2,608,300.00	2,114,065.93	269,997.23	2,384,063.16	224,236.84

CCTV Security Camera Upgrades and Enhancements

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - Radius Systems	1,256,000.00	417,077.10	864,981.90	1,282,059.00	(26,059.00)
2 Architect and Engineering Fees	116,000.00	82,201.29	26,950.00	109,151.29	6,848.71
3 Project Construction Total	1,372,000.00	499,278.39	891,931.90	1,391,210.29	(19,210.29)
4					
5 Feasibility Study	0.00	0.00	0.00	0.00	0.00
6 Furniture Fixtures and Equipment	0.00	0.00	0.00	0.00	0.00
7 Printing and Postage	0.00	0.00	0.00	0.00	0.00
8 Site Surveys	0.00	0.00	0.00	0.00	0.00
9 Geotechnical Engineer	0.00	0.00	0.00	0.00	0.00
10 Permits & Approval	5,000.00	3,916.82	0.00	3,916.82	1,083.18
11 Legal	0.00	0.00	0.00	0.00	0.00
12 Technology	15,000.00	11,117.28	(0.00)	11,117.28	3,882.72
13 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
14 Total Non-Contract Purchase	20,000.00	15,034.10	(0.00)	15,034.10	4,965.90
15					
16 Custodial Support	0.00	0.00	0.00	0.00	0.00
17 Maintenance Support	1,000.00	0.00	0.00	0.00	1,000.00
18 Security Support	0.00	0.00	0.00	0.00	0.00
19 Asbestos Removal (Incl. Supplies)	0.00	0.00	0.00	0.00	0.00
20 Project Supervision	0.00	0.00	0.00	0.00	0.00
21 Networking/Telephone/Security Wire	0.00	0.00	0.00	0.00	0.00
22 District Miscellaneous	0.00	0.00	0.00	0.00	0.00
23 Total District Charges	1,000.00	0.00	0.00	0.00	1,000.00
24					
25 Project Contingency	120,000.00	0.00	0.00	0.00	120,000.00
26					
27 Total Project:	1,513,000.00	514,312.49	891,931.90	1,406,244.39	106,755.61

Conestoga High School Expansion Project

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 Estimated Construction Cost	30,894,925.00	0.00	0.00	0.00	30,894,925.00
2 Architect and Engineering Fees	2,772,201.00	1,076,222.36	1,670,668.59	2,746,890.95	25,310.05
3 Project Construction Total	33,667,126.00	1,076,222.36	1,670,668.59	2,746,890.95	30,920,235.05
4 Feasibility Study	0.00	0.00	0.00	0.00	0.00
5 Furniture Fixtures and Equipment	2,179,616.00	0.00	0.00	0.00	2,179,616.00
6 Printing and Postage	0.00	0.00	0.00	0.00	0.00
7 Site Surveys	0.00	0.00	0.00	0.00	0.00
8 Geotechnical Engineer	0.00	3,873.00	8,750.00	12,623.00	(12,623.00)
9 Permits & Approval	711,213.00	54,588.60	16,831.48	71,420.08	639,792.92
10 Legal	0.00	6,546.04	0.00	6,546.04	(6,546.04)
11 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	2,890,829.00	65,007.64	25,581.48	90,589.12	2,800,239.88
17 Custodial Support	0.00	0.00	0.00	0.00	0.00
18 Maintenance Support	0.00	0.00	0.00	0.00	0.00
19 Security Support	0.00	0.00	0.00	0.00	0.00
20 Asbestos Removal (Incl. Supplies)	0.00	0.00	0.00	0.00	0.00
21 Project Supervision	0.00	0.00	0.00	0.00	0.00
22 Networking/Telephone/Security Wire	0.00	0.00	0.00	0.00	0.00
23 District Miscellaneous	0.00	0.00	0.00	0.00	0.00
24 Total District Charges	0.00	0.00	0.00	0.00	0.00
25 Project Contingency	3,016,031.00	0.00	0.00	0.00	3,016,031.00
26 Total Project:	39,573,986.00	1,141,230.00	1,696,250.07	2,837,480.07	36,736,505.93