



TOWNSHIP OF ABINGTON

PUBLIC WORKS COMMITTEE

*Tom Hecker, Chair
Drew Rothman, Vice-Chair
Dennis Zappone
Tom Bowman
Ken Brodsky*

A G E N D A

June 6, 2018

7:00 P.M.

1. CALL TO ORDER

2. CONSIDER APPROVAL OF MINUTES

- a. Motion to approve the minutes of the May 2, 2018 Public Works Committee Meeting.

3. PRESENTATION

- a. SEPTA Jenkintown Flood Mitigation Project *Dennis Stefanski*

4. UNFINISHED BUSINESS

5. NEW BUSINESS

- a. *PUBLIC WORKS COMMITTEE* *COMMISSIONER TOM HECKER, CHAIR*

PW-01-061418

Consider a motion to approve final payment in the amount of \$65,728.73 to Almeida & Hudak Contractors, LLC. upon receipt of a satisfactory one-year Maintenance Bond.

PW-02-061418

Consider a motion to approve the no cost transfer of funds associated with Supplement F (Agreement No. 06132-F) with PENNDOT for the Edge Hill Road and Tyson Avenue Reconstruction and Flood Control Project.

6. PUBLIC COMMENT

7. ADJOURNMENT



SOUTHEASTERN PENNSYLVANIA TRANSPORTATION AUTHORITY RESILIENCY PROGRAM



DENNIS STEFANSKI, PE

PROGRAM MANAGER – SPECIAL PROJECTS EM&C

JUNE 6, 2018

Jenkintown Area Flood Mitigation (\$15.0 M CONSTRUCTION)



- \$20 MILLION TOTAL PROJECT COST
- COMPREHENSIVE STUDY OF DRAINAGE PATTERNS
- NEW BOX CULVERT/RAINWATER DETENTION SYSTEMS
- REINFORCEMENTS TO BRIDGE 10.97



Jenkintown Area Flood Mitigation: Army Corps of Engineers/DEP



- **Continued communication between ACOE and PADEP**
- **SEPTA Scope of Work**
 - **Some bridge substructures date as early as 1890 (MP 11.22)**
 - **Water entering area of study/remediation leaves at same rate**
 - **Harden the Right of Way, Restoration of service**

Jenkintown Area Flood Mitigation: Why is this Important?



- **Over 5 Million annual boards affected from Jenkintown Station north**
 - **37 Stations impacted if inoperable**
 - **Expensive to bus that large of area**
- **Importance of restoration of service**
- **Importance of H&H study**
 - **Impacts of hardening/resiliency efforts**
 - **Understand pinch-points existed prior to surrounding community “build”**
 - **Economic impact to both SEPTA assets and local communities**

Jenkintown Area Flood Mitigation: Scope of Work



Jenkintown Area Flood Mitigation: Scope of Work





QUESTIONS?

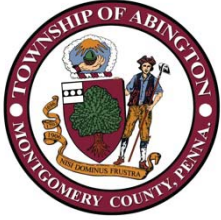
DENNIS STEFANSKI, PE

PROGRAM MANAGER – SPECIAL PROJECTS EM&C

OFFICE: 215-580-7277

EMAIL: DSTEFANSKI@SEPTA.ORG





PUBLIC WORKS COMMITTEE

AGENDA ITEM

6-6-18

DATE

Public Works

DEPARTMENT

PW-01-060618

AGENDA ITEM NUMBER

FISCAL IMPACT

Cost > \$10,000.

Yes



No



PUBLIC BID REQUIRED

Cost > \$20,100

Yes



No



AGENDA ITEM:

2017 Capital/Phase I Storm Sewer Projects

EXECUTIVE SUMMARY:

Competition of twelve (12) project locations of storm sewer and creek bank stabilization projects from 2017 Capital/Phase I Storm Sewer Projects.

The bid amount was \$1,014,885.00; and the closing amount came in at \$707,657.50.

PREVIOUS BOARD ACTIONS:

Board approved 2017 Capital projects and entered into a contract with Almeida & Hudak Contractors, LLC.

RECOMMENDED BOARD ACTION:

Motion to approve final payment in the amount of \$65,728.73 to Almeida & Hudak Contractors, LLC. upon receipt of a satisfactory one-year Maintenance Bond.



TOWNSHIP OF ABINGTON

Office of the Township Manager

Richard J. Manfredi
Township Manager

FISCAL NOTE

AGENDA ITEM NUMBER: PW-01-0606018

DATE INTRODUCED: May 23, 2018

FISCAL IMPACT AMOUNT: \$65,728.73

FUND: 2017 Capital

FISCAL IMPACT:



YES



NO

FISCAL IMPACT

Cost > \$10,000.

Yes



No



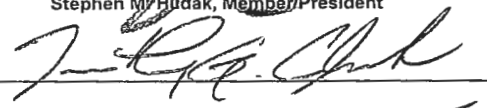
SUMMARY

Board of Commissioners approved the 2017 Capital/Phase I Storm Sewer Projects to be funded from Account No. 07-00-967-7200.

ANALYSIS

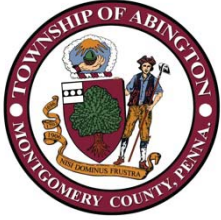
Completion and final project payment.

APPROVED BY  Almeida & Hudak Contractors, LLC
Stephen M. Hudak, Member/President

APPROVED BY 

5-16-18 Acct: # 07.00.967.7200
Final Payment

TOTAL AMOUNT DUE	\$31,943.00	\$707,657.50
RETAINAGE 0%	\$0.00	\$0.00
TOTAL LESS RETAINAGE	\$31,943.00	\$707,657.50
RELEASED RETAINAGE	\$33,785.73	
LESS PREVIOUS PAYMENTS		\$641,928.77
TOTAL AMOUNT PAYABLE	\$65,728.73	\$65,728.73



PUBLIC WORKS COMMITTEE

AGENDA ITEM

5-31-18

DATE

Public Works

DEPARTMENT

PW-02-061418

AGENDA ITEM NUMBER

FISCAL IMPACT

Cost > \$10,000.

Yes

No

PUBLIC BID REQUIRED

Cost > \$20,100

Yes

No

AGENDA ITEM:

Edge Hill Road and Tyson Avenue Reconstruction and Flood Control Project

EXECUTIVE SUMMARY:

Pennoni will complete the additional Supplement F work in accordance with the provisions of the existing contract and the scope-of-work. The supplement is a no cost transfer of budget and will not increase the project budget or contract time frame.

Pennoni will transfer hours from the sub-consultant, Hunt Engineering, to complete remaining survey tasks. Pennoni has exceeded the budgeted hours for right-of-way and will transfer hours from their direct expense budget and ASC Group to continue coordination and plat changes for acquisitions.

PREVIOUS BOARD ACTIONS:

RECOMMENDED BOARD ACTION:

Consider motion for the Board of Commissioners to approve the no cost transfer of funds associated with Supplement F (Agreement No. 06132-F) with PENNDOT for the Edge Hill Road and Tyson Avenue Reconstruction and Flood Control Project.

April 2, 2018

ABIN0501F

Mr. Richard Manfredi
Township Manager
1176 Old York Road
Abington, PA 19001

**Re: Agreement 064132 - Supplement F - No cost transfer of funds
SR 2034; Section MG1
Edge Hill Road and Tyson Avenue
Abington Township, Montgomery County**

Dear Mr. Manfredi:

We are requesting a supplement to Agreement 064132 for the transfer of funds. This supplement is administrative and no changes to the overall project budget or reimbursement agreement are required. The following documents are attached for your review:

- Scope of Services
- Price Proposal
- Summary of DBE participation for PennDOT

Once the documents have been approved, we can forward this to PennDOT for processing. Please do not hesitate to contact me at (215) 254-7879 or dferraro@pennoni.com should you have any questions or require additional information.

Sincerely,
PENNONI ASSOCIATES INC.

A handwritten signature in cursive script, appearing to read "Debra Ferraro".

Debra Ferraro, PE
Associate Vice President

Supplemental Agreement No. 064132-F
Technical Scope of Work– Final Design Part II
April 2, 2018

Pennoni will complete the additional Supplement F work in accordance with the provisions of the existing contract and the scope-of-work as follows. The supplement is a no cost transfer of budget and will not increase the project budget or contract timeframe.

Pennoni will transfer hours from our subconsultant, Hunt Engineering, to complete remaining survey tasks associated with Jenkintown Road and Hillside Drive. Pennoni has exceeded the budgeted hours for right-of-way and will transfer hours from our direct expense budget and ASC Group to continue coordination and plat changes for acquisitions.

The supplement E scope of services is described below:

Task 1 Survey

Pennoni will establish reference ties to the construction baselines along Hillside Drive A, Hillside Drive B, SR 2021 (Jenkintown Road). Pennoni will take field measurements to refine the location of existing pavement markings and conduit along SR 2021 (Jenkintown Road).

Task 5 Construction Proposal

Pennoni will incorporate the survey information into the construction plans/documents.

Task 8 Right-of-Way

Pennoni will perform additional coordination and property plat changes for right-of-way acquisition on the remaining parcels. We have used up the existing budget for this task and will complete these services through a transfer of excess direct expense budget.

Abington Township, Montgomery County
S.R. 2034, SECTION MG1
Edge Hill Road and Tyson Avenue
Supplemental Agreement No. 064132-F

Project Employees Average Rates

<u>Classification/Name</u>	<u>Average</u>
Project Manager	\$55.00
Senior Engineer	\$55.00
Project Engineer	\$44.23
Staff Engineer	\$38.71
Associate Engineer	\$32.29
Graduate Engineer	\$29.14
Engineering Tech	\$17.50

Abington Township, Montgomery County
S.R. 2034, SECTION MG1
Edge Hill Road and Tyson Avenue
Supplemental Agreement No. 064132-F

SUMMARY OF CHANGES IN COST (Part II - Final Design)

Classification/Name	Pay Rate	Average
Project Manager		\$55.00
Ferraro Debra	\$78.37	
Senior Engineer		\$55.00
Filip John	\$61.70	
Hassan Kazi	\$56.25	
Reigle Jen	\$52.57	
Oliver-Commey Yolanda	\$55.29	
Project Engineer		\$44.23
Siriani Drew	\$46.78	
Harbeson Eric	\$43.38	
Stathos Andrew	\$43.51	
Joshi Abhishek	\$43.25	
Staff Engineer		\$38.71
Gormley Jesse	\$38.13	
Oberg Carl	\$39.29	
Associate Engineer		\$32.29
McCresh Sean	\$35.82	
Chateauvert Lindsay	\$34.82	
Abel Tim	\$30.32	
Edison Ian	\$28.19	
Graduate Engineer		\$29.14
Nichols Jacob	\$29.70	
Schroeder Danielle	\$28.57	
Engineering Tech		\$17.50
Kullman Michael	\$17.50	

Abington Township, Montgomery County
S.R. 2034, SECTION MG1
Edge Hill Road and Tyson Avenue
Supplemental Agreement No. 064132-F

Escalation Rate Computation

Annual Rate of Escalation		3.00%
Anticipated Notice to Proceed		05/01/18
Anticipated Date of Completion	3 months	08/01/18

Final Design

Anticipated Wage Increase

(Pennoni anticipates raises every September)

5/18-9/18	3 mos	@	100.00%	=	300.00%
	0 mos	@	103.00%	=	0.00%
	0 mos	@	103.00%	=	0.00%
	0 mos	@	109.27%	=	0.00%
	0 mos	@	112.55%	=	0.00%
	<hr style="width: 100%; border: 0.5px solid black;"/>				
	3 mos				<hr style="width: 100%; border: 0.5px solid black;"/> 300.00%
Weighted Average	300.00%	/	3	=	100.000%
	Therefore Escalation Rate =		0.00%		

Escalation Computation

Direct Payroll Costs (less costs capped at \$55/hr)				\$0.00	
Indirect Payroll Costs	Overhead Rate =	153.568%	=	\$0.00	
Direct & Indirect Payroll (less costs capped at \$55/hr)			=	<hr style="width: 100%; border: 0.5px solid black;"/> \$0.00	
Escalation for Final Design =	\$0.00	x	0.00%	=	\$0.00

Abington Township, Montgomery County
S.R. 2034, SECTION MG1
Edge Hill Road and Tyson Avenue
Supplemental Agreement No. 064132-F

Direct Costs Other Than Payroll

Final Design

Travel

		<u>Miles/Trip</u>				<u>Mile</u>	<u>\$ / Mile</u>		
Trips to District Office	0 Trips	0	x 2	=		0	\$0.540	=	\$0.00
Trips to Site	0 Trips	0	x 2	=		0	\$0.540	=	\$0.00
Tolls	0 Trips		x 2	=	@	\$10.00	Trip	=	\$0.00
Parking	0 Trips		x 1	=	@	\$15.00	Trip	=	\$0.00
Lodging (Montgomery Co)	0 Nights		x 2	People	@	\$133.56	Night	=	\$0.00
Per Diem	0 Days		x 2	People	@	\$46.00	Day	=	\$0.00
								Total Travel =	\$0.00

Reproductions (Deliverables only)

Prints (Half size)	0 prints		@	\$0.50	print	=	\$0.00
Prints (Full size)	0 prints		@	\$0.60	print	=	\$0.00
Full Size Mylars	0 sheets		@	\$5.00	sheet	=	\$0.00
Copies (8½" x 11")	0 pages		@	\$0.07	page	=	\$0.00
						Total Reproductions =	\$0.00

Others

Transfer (to direct labor)	1 units		@	-\$11,700.00	per / unit	=	-\$11,700.00
ATR counts	0 units		@	\$0.00	per / unit	=	\$0.00
infiltration testing for bmp	0 units		@	\$0.00	per / unit	=	\$0.00
borings for rail crossing	0 units		@	\$0.00	per / unit	=	\$0.00
						Total Others =	-\$11,700.00

Total Final Design

= -\$11,700.00

Abington Township, Montgomery County
S.R. 2034, SECTION MG1
Edge Hill Road and Tyson Avenue
Supplemental Agreement No. 064132-F
PART II - FINAL DESIGN

Task/Hours Summary

Tasks		Project Manager	Senior Engineer	Project Engineer	Staff Engineer	Associate Engineer	Graduate Engineer	Engineering Tech	Totals
		\$55.00	\$55.00	\$44.23	\$38.71	\$32.29	\$29.14	\$17.50	
Task 1 Surveys	Hours	8	20	0	48	48	0	0	124
	\$	\$440.00	\$1,100.00	\$0.00	\$1,858.08	\$1,549.92	\$0.00	\$0.00	\$4,948.00
Task 2 Roadway Design	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 3 Final Cross Sections	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 4 Erosion Control	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 5 Construction Proposal	Hours	0	8	0	0	30	0	0	38
	\$	\$0.00	\$440.00	\$0.00	\$0.00	\$968.70	\$0.00	\$0.00	\$1,408.70
Task 6 Environmental Documentation	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 7 Project Management	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 8 Right-of-way plans	Hours	0	45	0	0	50	0	0	95
	\$	\$0.00	\$2,475.00	\$0.00	\$0.00	\$1,614.50	\$0.00	\$0.00	\$4,089.50
Task 9 Final Structure Design	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 10 Subsurface Boring, Sampling, and Testing	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 11 MPT	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 12 Final Traffic Signal Plans	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 13 Pavement Marking and Signing	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 14 Utilites	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 15 Agency Coordination	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 16 Meetings/Public Information	Hours	0	0	0	0	0	0	0	0
	\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	Hours	8	73	0	48	128	0	0	257
	\$	\$440.00	\$4,015.00	\$0.00	\$1,858.08	\$4,133.12	\$0.00	\$0.00	\$10,446.20

April 2, 2018

ABIN0501F

Mr. Narayana Velaga, PE
Project Manager – Consultant Liaison
PennDOT District 6-0
7000 Geerdes Boulevard
King of Prussia, PA 19406-1525

**Re: Supplemental Agreement 064132-F
SR 2034; Section MG1 (Edge Hill Road and Tyson Avenue)
Abington Township, Montgomery County
DBE justification for Supplement F**

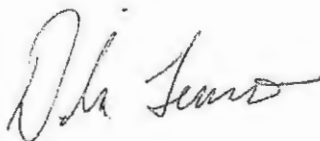
Dear Narayana:

Our current DBE goal for this Agreement is 10%. With the approval of Supplement F, we currently meet the goal as follows:

DBE GOAL 10%	
Preliminary Engineering Costs (billed)	\$861,942.73
Final Design Costs (budgeted)	\$2,789,961.11
Total Contract Costs	\$3,651,903.84
Hunt - Preliminary Eng Costs (final billed)	\$209,187.27
AHC - Preliminary Eng Costs (final billed)	\$12,749.76
Hunt - Final Design Costs (final billed)	\$162,175.48
ASC Group, Inc. – Final Design Costs (final billed)	\$5,608.29
Total DBE Costs	\$407,083.67
PROJECT DBE %	10.67%

Please do not hesitate to contact me at (215) 254-7879 or dferraro@pennoni.com should you have any questions or require additional information to process this correspondence.

Sincerely,
PENNONI ASSOCIATES INC.



Debra Ferraro, PE
Associate Vice President