

BOARD OF COMMISSIONERS

AGENDA

Monday, June 27, 2016 - 6:30 PM

Pledge of Allegiance

Notice of Executive Session on June 27, 2016

1. Letter of Commendation – Officer Mark Bates – CPR/AED Training Classes

2. Consent Agenda

- a) Disbursement Review and Approval: 2016-06B, 2016-06C, 2016-06D
- b) Acceptance of Monthly Department Reports
- c) Staff Traffic Committee Meeting Minutes – June 8, 2016
- d) Resolution #2016-69 - Authorizing the execution of a grant application to DCED for the Radnor Township TAP Trail
- e) Resolution #2016-74 – Resolution #2015–63 Application for County Aid For Allocation of Delaware County Liquid Fuels Tax Funds
- f) Resolution #2016-80 - Amending the Fee Schedule
- g) Resolution #2016-75 - Approving An Easement Agreement Upon And Across 961 Wootton Road
- h) Resolution #2016-76 - Award of the Contract for the Courtney Road Sanitary Sewer Project
- i) Resolution #2016-77 - Award of the Contract for the Mill Road Culvert Replacement
- j) Motion to reject the bid for the sale of surplus parking meters. *Denial of the bid is due to less than the surplus parking meters fair market value.* Authorization to rebid the sale of surplus parking meters
- k) Resolution #2016-81 - Authorizing the Township Manager to enter into a three-year agreement with Cintas for Public Works uniforms

3. Announcement of Vacancies on Various Boards and Commissions

4. Public Participation

5. Committee Reports

FINANCE & AUDIT

A. Report to the Board of Commissioners – Fire/EMS (Radnor Fire Company to Attend)

PUBLIC WORKS & ENGINEERING

B. Resolution #2016-78 - Authorization to Reject Sealed Bids Received for the Radnor Memorial Library Expansion and Upgrade, and Authorization to Re-bid

C. Ordinance #2016-08 – (***Introduction***) - Amending Certain Provisions Of Ordinance 1987-19 As Incorporated In The Radnor Township Code Under Article I “County Disposal Agreement,” §240-11.C. “Joint Cooperation Agreement,” Subsection C. To Renew Its Agreement With The County Of Delaware, Pennsylvania For Regulating The Disposal Of Municipal Solid Waste From The Township Set To Expire On April 7, 2017 For An Additional Twenty-Five (25) Years

D. Resolution #2016-79 - Award of the Design of the Highview Outfall Project

E. Update on the School Lane/Radnor Middle School/ South Wayne Avenue Storm Sewer Design Project, from Gannett Fleming

PUBLIC SAFETY

LIBRARY

PUBLIC HEALTH

PERSONNEL & ADMINISTRATION

COMMUNITY DEVELOPMENT

PARKS & RECREATION

Old Business

New Business

Public Participation

Adjournment

Letter of Commendation
Officer Mark Bates
CPR/AED Training Classes

RADNOR TOWNSHIP
DISBURSEMENTS SUMMARY
June 27, 2016

The table below summarizes the amount of disbursements made since the last public meeting held on June 13, 2016. As approved by the Board, the Administration is now making weekly accounts payable disbursement batches and publishing those lists on the Township's web site at the following link. Please refer to those files for a detailed listing of the amounts paid by vendor by account code.

Link: <http://www.radnor.com/egov/apps/document/center.egov?path=browse&id=22>

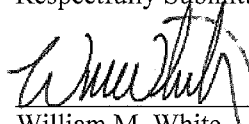
Fund (Fund Number)	2016-6B June 10, 2016	2016-6C June 14, 2016	2016-6D June 17, 2016	Total
General Fund (01)	120,187.51	5,335.00	319,797.68	\$445,320.19
Sewer Fund (02)	2,434.62	0.00	12,349.95	14,784.57
Capital Improvement Fund (05)	0.00	0.00	12,900.00	12,900.00
Police Pension Fund (07)	448.00	0.00	0.00	448.00
OPEB Fund (08)	0.00	0.00	129,479.27	129,479.27
Civilian Pension Fund (11)	448.00	0.00	213.60	661.60
\$8 Million Settlement Fund (18)	340.83	0.00	80,205.89	80,546.72
The Willows Fund (23)	0.00	0.00	147.12	147.12
Library Improvement Fund (500)	3,311.85	0.00		3,311.85
Total Accounts Payable Disbursements	\$127,170.81	\$5,335.00	555,093.51	\$687,599.32
<i>Electronic Disbursements</i>	n/a	n/a	n/a	1,259,879.29
Grand Total	\$127,170.81	\$5,335.00	\$555,093.51	\$1,947,478.61

In addition to the accounts payable checks, the Township also has various electronic payments including payroll, debt service, credit card purchases and fees as well as others from time to time. The attached table reflects all of the electronic payments made since the last public Board meeting as well as those anticipated prior to the next Board meeting.

The Administration has adopted various internal control and processing procedures to insure that amounts obligated are within the budgetary limits established by the Board of Commissioners. Those procedures are monitored on a daily basis by members of the Finance Department and responsible employees of the various departments. The amounts included in the table above have been scrutinized as part of the internal control and processing procedures and have obtained the required approvals prior to disbursement.

If you should have any questions, please contact the Finance Department.

Respectfully Submitted,



 William M. White
 Finance Director

ELECTRONICALLY PAID DISBURSEMENT LISTING
Estimated Through July 18, 2016

Description	Account No.	Date	Purpose	Amount
Credit Card Revenue Fees - Estimated	Various Funds	7/10/2016	6/16 Credit Card Revenue Processing Fees	\$3,000.00 *
Payroll [Pension] Transaction - Estimated	07-492-4980	7/1/2016	7/16 Police Pension Payments	\$186,839.03
Payroll [Pension] Transaction - Estimated	11-495-4980	7/1/2016	7/16 Civilian Pension Payments	\$129,240.26
Payroll [Bi-Weekly] Transaction - Estimated	01-various	6/30/2016	Salaries and Payroll Taxes - General Fund	\$430,000.00
Payroll [Bi-Weekly] Transaction - Estimated	02-various	6/30/2016	Salaries and Payroll Taxes - Sewer Fund	\$15,000.00
Payroll [Bi-Weekly] Transaction - Estimated	17-various	6/30/2016	Salaries and Payroll Taxes - K-9 Fund	\$400.00
Payroll [Bi-Weekly] Transaction - Estimated	01-various	7/14/2016	Salaries and Payroll Taxes - General Fund	\$430,000.00
Payroll [Bi-Weekly] Transaction - Estimated	02-various	7/14/2016	Salaries and Payroll Taxes - Sewer Fund	\$15,000.00
Payroll [Bi-Weekly] Transaction - Estimated	17-various	7/14/2016	Salaries and Payroll Taxes - K-9 Fund	\$400.00
Payroll [CBA Special] Transaction - Estimated	01-various	7/1/2016	CDL Bonus Payment - General Fund	\$45,000.00
Payroll [CBA Special] Transaction - Estimated	02-various	7/1/2016	CDL Bonus Payment - Sewer Fund	\$5,000.00

Period Total **\$1,259,879.29**

Submitted:

* Credit card fees are charged to the Township's accounts on the tenth of the month

Original Estimate	Actual Amount
\$430,000.00	\$437,416.54
\$15,000.00	\$14,345.91
\$400.00	\$135.64
\$445,400.00	\$451,898.09

RADNOR TOWNSHIP POLICE DEPARTMENT

Monthly Report



May 2016

**William A. Colarulo
Police Superintendent**



RADNOR TOWNSHIP POLICE DEPARTMENT

**301 IVEN AVENUE
WAYNE, PENNSYLVANIA 19087-5297
OFFICE: (610) 688-0503
FAX: (610) 688-1238**

**WILLIAM A. COLARULO
POLICE SUPERINTENDENT**

Executive Summary

May 2016

The Radnor Police Department responded to 2,152 calls for service for the month of May 2016. Radnor Officers issued 655 traffic citations for motor vehicle violations. 39 non-traffic citations were issued for various summary offenses such as Disorderly Conduct, Underage Drinking and Public Drunkenness. A total of 1,138 parking tickets were issued for expired meter violations. Radnor Police Officers made 21 misdemeanor/felony arrests during May 2016.

June 17, 2016

Calls for Service - by UCR Code

Incidents Reported Between 05/01/2016 and 05/31/2016

RADNOR TOWNSHIP



Code	Description	Primary Count	Secondary UCR Count		
			Code 2	Code 3	Code 4
0410	AGGRAVATED ASSAULT	1			
0440	ASSAULT - ATROCIOUS- HANDS,FISTS,FEET	1			
0490	ASSAULT - REPORTS	2			
0521	UNLAWFUL ENTRY-NO FORCE-RESIDENCE-NIGHT	1			
0613	THEFT-\$200 & OVER-RETAIL THEFT	2			
0614	THEFT-\$200 & OVER-FROM AUTO (EXCPT 0615)	2			
0616	THEFT-\$200 & OVER-BICYCLES	3			
0619	THEFT-\$200 & OVER-ALL OTHER	6			
0624	THEFT-\$50 TO \$200-FROM AUTO (EXCPT 0625)	4			
0627	THEFT-\$50 TO \$200-FROM BUILDINGS	2			
0634	THEFT-UNDER \$50-FROM AUTO (EXCEPT 0635)	2	1		
0713	M.V. THEFT - AUTOS - DRIVEWAY	1			
0800	ASSAULTS - OTHER ASSAULTS (SIMPLE)	1			
0810	SIMPLE PHYSICAL ASSAULTS	1			
1026	COUNTERFEITING - USING	0	1		
1100	FRAUD	6			
1130	FRAUD - ALL OTHERS (FLIM-FLAM, ETC.)	1			
1150	FRAUD - CREDIT CARDS	1			
1190	FRAUD-ALL OTHER(FLIM FLAM,CONFIDENCE	1			
1191	FRAUD - REPORTS	7			
1410	CRIMINAL MISCHIEF TO AUTOMOBILES	8			
1430	CRIMINAL MISCHIEF - PUBLIC BUILDINGS	2			
1465	INSTITUTIONAL VANDALISM	1			
1490	CRIMINAL MISCHIEF - REPORTS	3	1		
1821	NARCOTICS-MANUFACTURE-MORPHINE,HEROIN...	1			
1832	NARCOTICS-POSSESSION-MARIJUANA,ETC.	5	1		
2040	OFFENSES AGAINST FAMILY - OTHER	1			
2111	DRIVING UNDER THE INFLUENCE - ALCOHOL	3			
2112	DRIVE UNDER INFLUENCE-ALCOHOL-IMPAIRED	4			
2122	DRIVE UNDER INFLUENCE - DRUGS-IMPAIRED	1			
2211	LIQUOR LAW-UNDERAGE-PURCH,CONSM,POSSES	1	2		
2300	PUBLIC DRUNKENESS	2	2	1	
2400	DISORDERLY CONDUCT	2	1		
2410	HARASSMENT BY COMMUNICATION	1			
2450	HARASSMENT	1			
2460	DISORDERLY CONDUCT-OBSCENE LANGUAGE	1			
2480	DISORDERLY CONDUCT-ALL OTHERS	2			
2640	ALL OTHER ORDINANCE VIOLATIONS	7			
2647	ALL OTHERS - PROTECTIVE ORDERS	1			
2660	TRESPASSING OF REAL PROPERTY	1			
2900	JUVENILE RUNAWAYS	4	1		
2910	LOST/MISSING PROPERTY	3			
2990	RUNAWAYS - (JUVENILE) - REPORTS	1			
3200	CHECK ON WELFARE	2			
3300	CIVIL DISPUTES	11			
3320	DOA	1			
3500	DISTURBANCE - DISORDERLY PERSONS	6			
3501	DISTURBANCE-COMPLAINT OF NOISE,MUSIC,ETC	13			

Calls for Service - by UCR Code
Incidents Reported Between 05/01/2016 and 05/31/2016
RADNOR TOWNSHIP



Code	Description	Primary Count	Secondary UCR Count		
			Code 2	Code 3	Code 4
3520	DOMESTIC PROBLEM (NO ARREST)	12			
3620	DISTURBANCES-OTHER (FIGHTS,DISPUTES,ETC)	10			
3650	ELECTRIC COMPANY-POWER OUTAGES,ETC	3			
3700	FIRE - RESIDENTIAL	4			
3703	FIRE-ALL OTHERS	5			
3706	FIRE - LEAVES, BRUSH, ETC.	3			
3871	MEDICAL EMERGENCY - AED USED BY PD	0	1		
3900	GAS LEAKS (NATURAL GAS)	2			
4000	JUVENILE PROBLEMS (NO ARREST)	6			
4018	NON-CRIMINAL-ST. LIGHT OUT, ST. REPAIRS.	3			
4200	MISSING PERSONS(EXCEPT JUVENILES)	6	1		
4300	MENTAL HEALTH-EMERG.302/SUICIDE ATTEMPTS	2			
4301	MENTAL HEALTH-ALL OTHERS	13			
4400	OFFICER INJURED ON DUTY	1			
4500	OPEN DOORS/WINDOWS	14	1		
4506	DEATHS - SUICIDES	1			
4600	ORDINANCE VIOL.-EXCEPT BURNING/SOLICIT	6			
4650	POLICE INFORMATION	40			
4660	911 HANG UP CALL	20			
4700	ADDED PATROL-REQUEST FOR	33	1		
4701	ADDED PATROL - BUSINESS CHECKS	128	1		
4702	ADDED PATROL - SCHOOL CHECKS	49			
4801	SOLICITING-COMPLAINTS	3			
4900	SUSPICIOUS PERSON	27	1		
4901	SUSPICIOUS CIRCUMSTANCE	39			
4902	SUSPICIOUS VEHICLES	12			
5000	TELEPHONE CALLS-HARASSING/SUSPICIOUS	8			
5002	LOST & FOUND - FOUND ANIMAL	2			
5004	LOST & FOUND - FOUND ARTICLES	6			
5005	FOUND BICYCLES	2	1		
5006	LOST & FOUND - LOST ANIMAL	1			
5008	LOST & FOUND - LOST ARTICLES	3	1		
5100	TRAFFIC SIGNALS-DAMAGED/NEED REPAIR	3			
5200	TRAFFIC HAZARD-POTHoles/OBSTRUCTIONS/ICE	9			
5300	TREES DOWN AND/OR BLOCKING ROADWAY,ETC	4			
5400	VEHICLES-ABANDONED	3			
5401	VEHICLES-ASSIST MOTORIST(INCL LOCKOUTS)	15			
5402	VEHICLES-DISABLED	27			
5403	VEHICLES-MV VIOLATIONS & MVV COMPLAINTS	19	3		
5404	VEHICLES-PARKING COMPLAINTS	22			
5405	VEHICLES-TOWED	6	1	1	
5406	VEHICLES-REGISTRATION/LOST OR STOLEN	1			
5501	WIRES DOWN - NO HAZARD	3			
5502	ANIMAL COMPLAINTS - BARKING DOGS	4			
5504	ANIMAL COMPLAINTS - DOG BITES	1			
5506	ANIMAL COMPLAINTS - STRAY ANIMALS	8			
5510	ANIMAL COMPLAINTS - OTHER	17			
5600	WARRANT-ARREST (ISSUED OUTSIDE RADNOR)	1			

June 17, 2016

Calls for Service - by UCR Code

Incidents Reported Between 05/01/2016 and 05/31/2016

RADNOR TOWNSHIP



Code	Description	Primary Count	Secondary UCR Count		
			Code 2	Code 3	Code 4
6000	ACCIDENT - FATAL	1			
6001	ACCIDENT - WITH INJURIES	9			
6002	ACCIDENT - NO INJURIES (REPORTABLE)	20			
6003	ACCIDENT - NON REPORTABLE	46			
6004	ACCIDENT - HIT & RUN	9			
6005	ACCIDENT - NO REPORT DONE	8			
6606	TRAFFIC RELATED - DIRECT TRAFFIC	14			
7002	NOTIFICATION - COMMUNITY DEVELOPMENT	4			
7006	NOTIFICATION - HIGHWAY DEPT.	3			
7008	NOTIFICATION - SEWER DEPT.	4			
7014	PUBLIC SERVICE - OTHERS (OFFICER ASSIST)	4			
7504	ASSIST OTHER AGENCIES - OTHER POLICE	1			
7506	ASSISTING OTHER AGENCIES - ALL OTHERS	1			
8000	BURG/HOLDUP/PANIC ALARM - CIT ISSUED	4			
8001	BURG/HOLDUP/PANIC ALARM - NO CITATION	97			
8003	FIRE/MEDICAL ALARM - NO CITATION	43			
8004	ANY ALARM- SEVERE WEATHER- NO CITATION	1			
8590	CITIZEN COMPLAINT REPORT	1			
9000	ANIMALS - DOG COMPLAINTS	9			
9001	ANIMALS-RABID/SICK	1			
9002	ANIMALS - ALL OTHER	8			
9005	ANIMALS - ALL INVOLVING DEER	4			
9007	ANIMALS-CAT COMPLAINTS	1			
9038	K-9 ASSIST	7	4		
9039	K-9 ASSIST OTHER LAW ENFORCEMENT	1	1		
9040	ASSIST LOWER MERION PD	6			
9041	ASSIST HAVERFORD PD	3			
9045	ASSIST TREDYFFRIN PD	1			
9046	ASSIST UPPER MERION PD	1			
9047	ASSIST PSP	3			
9050	ASSIST SICK/INJURED	119			
9051	ASSIST AMBULANCE	9			
9052	ASSIST OTHER POLICE DEPARTMENT	1			
9055	ASSIST SICK/INJURED ALCOHOL/DRUG RELATED	3	1		
9091	ADMINISTRATION-VEHICLE REPAIR NEEDED	1			
9966	SELECTIVE ENFORCEMENT-CITATION ISSUED	160			
9968	SELECTIVE ENFORCEMENT-WARNING ISSUED	37			
9970	SELECTIVE ENFORCEMENT-NO ISSUANCE	72			
9972	MOTOR OFFICER ACTIVITY	0	8		
CITN	NON-TRAFFIC CITATION	39			
CITT	TRAFFIC CITATION	655			
Total Calls		2,152			

Radnor Township Police Department
May 2016 Property Stolen Recovered Report

Type of Property	May-16 Stolen	2016 YTD Stolen	May-16 Recovered	2016 Y-T-D Recovered
Currency, Notes, Stocks Etc.	\$634.00	\$25,881.00	\$0.00	\$2,900.00
Clothing & Furs	\$290.00	\$2,154.00	\$0.00	\$0.00
Locally Stolen Motor Vehicles	\$34,000.00	\$69,000.00	\$0.00	\$0.00
Office Equipment	\$1,485.00	\$9,593.00	\$0.00	\$200.00
Televisions, Radios, Cameras	\$1,300.00	\$1,900.00	\$0.00	\$200.00
Firearms	\$0.00	\$0.00	\$0.00	\$0.00
Household Goods	\$2,160.00	\$3,385.00	\$0.00	\$55.00
Consumable Goods	\$0.00	\$0.00	\$0.00	\$0.00
Jewelery & Precious Metals	\$0.00	\$72,050.00	\$0.00	\$0.00
Livestock	\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous	\$5,155.00	\$41,737.00	\$0.00	\$0.00
Total Property Value	\$45,024.00	\$225,700.00	\$0.00	\$3,355.00

Radnor Township Police Department
May 2016 Burglary Report

<i>Time of Day</i>	Res-Forced	Res-No Force	Res-Attempt	Non Res-Forced	Non Res-No Force	Non Res-Attempt
Day (6 AM to 6 PM)	0	0	0	0	0	0
Night (6 PM to 6 AM)	0	0	0	1	0	0
Time Unknown	0	0	0	0	0	0
Total Burgs - 5/16	0	0	0	1	0	0
Total Burgs - YTD	9	4	2	3	1	0

<u>Burglaries by Area</u>			
Patrol Area	District	Burgs 5/16	Burgs YTD 16
Northeast Beat	1	0	2
Northwest Beat	2	0	12
Southwest Beat	3	0	2
Southeast Beat	4	1	3
Villanova University	7	0	0
Total Burglaries		1	19

Radnor Township Police Department
May 2016 Accidents / Violations / Investigations / Juvenile Report

Accidents	May-16	YTD 2016	May-15	YTD 2015	YTD from 16 to 15
Accidents - Fatal	0	1	0	1	0
Accidents - Reportable- With Injuries	0	17	4	24	-7
Accidents - Reportable - No Injuries	0	61	15	68	-7
Accidents - Non Reportable	0	200	53	258	-58
Accidents - Hit & Run	0	40	16	44	-4
Accidents - No Report	0	35	12	45	-10
Pedestrian Accidents - With Injuries	0	0	0	0	0
Pedestrian Accidents - Fatal	0	0	0	0	0
Total Accidents	0	354	100	440	-86
Violations					
Arrests - Felony & Misdemeanor	21	86	19	83	3
Traffic Violations	655	2442	524	2283	159
Non-Traffic Violations	39	220	56	263	-43
Parking Meter Violations	1138	7247	652	6388	859
Abandoned Vehicles	1	5	1	7	-2
	1854	10000	1252	9024	976
Complaints					
Complaints	1458	7089	1442	6523	566
Unlocked Businesses	14	38	8	41	-3
Alarms	145	669	144	638	31
Animal Complaints	23	88	14	62	26
					0
Total Complaints	1640	7884	1608	7264	620

Radnor Township Police Department
May 2016 Crime Report

CLASS 1 Offenses							
Offense	Inc 5/16	Inc YTD 16	Clr'd 5/16	Clr'd YTD 16	Inc YTD 15	Clr'd YTD 15	Inc YTD 16 to 15
Criminal Homicide	0	0	0	0	0	0	0
Forcible Rape	0	1	1	1	0	0	1
Robbery	0	0	0	0	0	0	0
Assault	4	26	3	14	12	3	14
Burglary	1	19	1	2	13	0	6
Larceny	21	108	3	6	89	4	19
Auto Theft	1	2	0	0	6	1	-4
Arson	0	0	0	0	0	0	0
Total Class 1 Off.	27	156	8	23	120	8	36
CLASS 2 Offenses							
Vandalism	14	55	0	0	36	0	19
Illegal Drugs	6	36	3	21	37	29	-1
DUI	8	19	1	15	26	21	-7
Disorderly Conduct	7	54	10	19	41	5	13
Fraud Related	16	81	0	0	102	0	-21
Underage Drinking	1	12	2	10	16	9	-4
All Other Class 2	8	43	1	28	41	21	2
Total Class 2 Off.	60	300	17	93	299	85	1
Grand Total	87	456	25	116	419	93	37

Radnor Township Police Department

2016 Deer Summary

Date	Time	2016 Total Deer Incidents										Incident Narrative
		Location	M / F	Killed Auto	Inj Auto	7	Killed Other	6	Others	0		
1/6/2016	17:30	Bryn Mawr Ave. & Harvard La.	F	1								Penn Dot Notified
1/12/2016	12:34	500 East Lancaster Ave.	U						1			Gone Upon Arrival
1/12/2016	13:40	Hunt Rd. & Bryn Mawr Ave.	U	1								Penn Dot Notified
1/16/2015	17:19	320 Malin Road	U		1							Gone Upon Arrival
1/17/2016	11:30	18 Oakford Road	U						1			Gone Upon Arrival
1/20/2016	7:18	800 Bryn Mawr Ave.	U		1							Gone Upon Arrival
1/21/2016	11:00	583 County Line Rd.	F					1				Private Removal
1/21/2016	15:45	517 Fox Run La.	U					1				Private Removal
2/1/2016	19:20	Bryn Mawr & Sturbridge	U	1								Penn Dot Notified
2/4/2016	21:00	743 King of Prussia Rd.	U	1								Gone Upon Arrival
2/7/2016	17:16	411 Louella Ave.			1							Gone Upon Arrival
2/12/2016	23:03	Newtown Rd. & Abrahams La.			1							Gone Upon Arrival
2/14/2016	9:02	1001 Eagle Rd.			1							Gone Upon Arrival
2/14/2016	21:53	Darby Paoli Rd. & Sawmill Rd.			1							Gone Upon Arrival
2/17/2016	18:37	451 Bryn Mawr Ave.	U	1								Penn Dot Notified
2/18/2016	15:15	107 Leighton Dr.	U					1				Private Removal
2/26/2015	18:45	Bryn Mawr Rd. & Mill Rd.							1			Gone Upon Arrival
3/10/2016	9:08	314 Countryview Drive	U						1			Private Removal
3/21/2016	17:10	Sproul Rd. & Bryn Mawr Ave.	U							1		Gone Upon Arrival
4/1/2016	10:33	Bryn Mawr & Countryview	M	1								Penn Dot Notified
4/19/2016	13:20	853 Bryn Mawr Ave.	U	1								Penn Dot Notified
4/28/2016	14:58	735 Darby Paoli Rd.	U					1				Game Commission
5/9/2016	21:10	480 Bryn Mawr Avenue	U						1			Gone Upon Arrival
5/17/2016	8:06	853 Goshen Road	U	1								Penn Dot Notified
5/20/2016	10:04	Sproul Rd. & Spring Mill Rd.	U							1		Gone Upon Arrival
5/26/2016	11:14	435 E. Lancaster Ave.	U								1	Gone Upon Arrival

Radnor Township
Public Works Department
Monthly Report for May 2016

Building Maintenance 1 man

Maintains & cleans facilities including trash and recycling removal – Administration and Police Building, Public Works Buildings, and Radnor Activity Center

Fleet 3 men

- Daily routine checkups of police vehicles
– 20 vehicles
- Vehicle safety inspections for all departments
– 16 vehicles
- Major Repairs
 - Unit #L-1 – Diagnose and replace park brake sensor
 - Unit #34 – Replace leaking axle seal rear hub
 - Unit #53 – Wiring replaced for central hydraulic system; installed new mud guards
 - Unit #32 – Remove and replace turbocharger, replace egr coolers
 - Unit #27 – Install new body module (burnt wire), programmed new module
 - Unit #51 – Transmission leak, replace hydro line
 - Unit #78 – Oil pan and gasket, brake, rotors
 - Unit #TG-1 – Install new cutting tips and fastening bolts and hardware, clean belt and check
 - Unit #L-3 – Repair emergency brake circuit
 - Unit #34 – Remove and replace corroded air tanks for brake system
 - Unit #75 – Diagnose and replaced O2sensors
 - Unit #68 – Dump cylinder leaking, replace hose and re-route line, install new fittings
- Unit #59 – replace engine oil pan, headlight buckets
- Unit #34 – installed new tailgate seal and turnbuckle
- Hydraulic Hose Assemblies – made 3 assemblies in house
- Scheduled Vehicle Maintenance

Unit #30	Unit #46
Unit #K9-1	Unit #LV-6
Unit #78	Unit #73
Unit #30	Unit #90
Unit #89	Unit #38
Unit #2	Unit #12
- Repair, Service and Maintain 134 pieces of equipment and vehicles

Highway 12 men

- Attended All Staff meetings
- Installed new traffic signs
- Repaired meters for parking authority
- Installed speed boxes for police dept.
- Cleaned inlets throughout the Township
- Delivered Barricades for various events
- Assisted Sewer Department
- Removed foliage blocking street signs
- Replaced and repaired signs as needed
- Set up Radnorshire Room for Meetings
- Installed curb on Abrahams Lane & Backfilled
- Replaced manholes ahead of paving program
- Installed curb on Glenmary & Belrose
- Called Higgins Electric for Traffic Signal Concerns
- Reported Street Light outages to Higgins Electric
- Cleaned Storm Sewer Lines with the Sewer Department
- Cleaned business district
- Assisted Parks Dept with emergency storm damage
- Assisted with trash and recycling
- Washed All Highway Vehicles & Equipment
- Delivered Leaf Compost to EAC pickup locations
- Sweeper out cleaning bad spots
- Repaired numerous inlets
- Crew on Inlet Repair
- Installed concrete apron on Huston Road
- Power washed sign at Township Bldg.

- Removed concrete Island in parking lot behind Wayne Senior Center
- Sealed double yellow line on Brookside Ave.
- Installed pipe @ the Willows & covered with stone
- Installed paper towel dispensers through the restrooms at the Township Bldg.

- Continued cleaning the inside of inlets throughout the Township - also making repairs
- Attended PA1Call Seminar
- Filled 2 sink holes – Cornell Dr & Moore Ave
- Cleaned Business District Parking Lots
- Removed statue & book drop boxes from Library

Parks *13 men*

- Attended all staff meetings
- Cleaned all Park Restrooms, 3 times per week
- Groomed ballfields, 3 times per week
- Picked up trash at parks and bike trail, 3 times per week
- Checked the Radnor Bike Trail after all storms
- Painted all trash cans
- Cleaned, Repaired and painted all grills
- Washed all Vehicles
- Repaired all fences in the parks
- Checked all park playground equipment
- Cleaned garages
- Cleaned Public Works Buildings and Restrooms
- Repaired ruts with topsoil
- Painted tables & benches at all parks

- Pruned 25 trees in right of way
- Removed 6 trees in right of way
- Removed 4 trees in parks
- Removed 3 fallen trees from roads at night
- Cleared 4 trees from waterway
- Pruned trees along roadway
- Mulched Township Building Flower Beds
- Installed wood chips at flower beds
- Weeded all flower beds
- Repaired swings at tot-lots
- Repaired small equipment
- Set up and cleaned up after all Recreation Dept. events
- Cleaned debris at all Parks and Buildings
- Set up all meetings at the Township Building

Sewer *3 men*

- Pumping Stations (5) check and maintain 5 times per week – 100 times per month
- PA One Call markouts – 291 for the month of May
- Cleaned 15 manholes
- Camared sewer lines
- Repaired 6 manholes
- Fueled generators at pumping stations
- 10 stoppages for the month of May

- Generators (4) - check and maintain 5 times per week – 80 times per month
- Jet Truck – cleaned 3,960 feet of sewer and storm lines
- Located 6 buried manholes
- Repaired 2 pumping stations
- Assist trash department Monday and Tuesday
- Cleaned garages
- Washed all vehicles

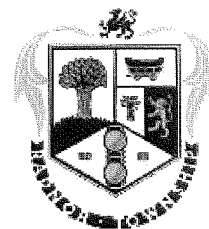
Solid Waste *20 full time and 1 part time man*

- Solid Waste and Recycling collections -7,500 collections 2 times per week
- 128 Open truck collections

- Curbside Yard Waste Collection – Every Wednesday
- Cleaned road side on State Roads
- Picked up paint cans at residences as requested

Interoffice Memorandum

TO: BOARD OF COMMISSIONERS
FROM: KEVIN KOCHANSKI, DIRECTOR
DEPARTMENT OF COMMUNITY DEVELOPMENT
SUBJECT: MAY MONTHLY REPORT
DATE: JUNE 6, 2016
CC: ROBERT A. ZIENKOWSKI, TOWNSHIP MANAGER



**Community Development
Department**

Attached for your review is the Community Development Monthly Report for the month of May 2016. Please note the following highlights:

- Building Permit Fee Revenue totaled \$99,683.00 with 103 permits issued
 - Electric Permit Fee Revenue totaled \$10,512.00 with 67 permits issued
 - Mechanical Permit Fee Revenue totaled \$5,035.00 with 35 permits issued
 - Plumbing Permit Fee Revenue totaled \$7,762.00 with 42 permits issued
 - Zoning Permit Fee Revenue totaled \$1,425.00 with 19 permits issued
 - Banner Permit Fee Revenue totaled \$50.00 with 1 permits issued
 - Design Review Board Application Fee Revenue totaled \$2,000.00 with 10 applications received
 - Historic and Architectural Review Board Fee Revenue totaled \$150.00 with 3 applications received
 - Zoning Hearing Board Revenue totaled \$1,450.00 with 2 application received
-
- | | |
|--|---------------|
| • Permit and application revenue for May 2016: | \$ 128,067.00 |
| • Permit and application revenue year to date: | \$ 859,431.00 |
-
- | | |
|--|-------|
| • Permits and applications for May 2016: | 282 |
| • Permits and applications year to date: | 1,079 |
-
- | | |
|---------------------------------------|-------|
| • Inspections conducted for May 2016: | 750 |
| • Inspections conducted year to date: | 2,760 |

MEMORANDUM

To: Board of Commissioners
CC: Robert A. Zienkowski, Twp. Manager
Stephen F. Norcini, P.E.; Director of Public Works
From: Suzan Jones, Administrative Assistant Engineering Department
Re: May 2016 Monthly Summary Report and Yearly Summary Report

We hereby submit for your review the May 2016 Engineering and Public Works Departments Revenue, respectively \$ 20,435.00 and \$ 5,965.00 as outlined below.

➤ 24	Grading Permit Applications - \$ 11,175.00	year-to-date - \$ 29,900.00
➤ 0	Clearing Permit Application - \$ 0.00	year-to-date - \$ 0.00
➤ 0	SALDO Application - \$ 0.00	year-to-date - \$ 2,900.00
➤ 18	Sidewalk Permit Applications - \$ 1,025.00	year-to-date - \$ 2,025.00
➤ 89	Sidewalk blocks replaced -	year-to-date - 138 blocks
➤ 0	Septic Permit Applications - \$ 0.00	year-to-date - \$ 2,550.00
➤ 9	Property inspections - \$ 585.00	year-to-date - \$ 7,650.00
➤ 48	Certificate of Occupancy Applications - \$ 7,650.00	year-to-date - \$ 27,600.00
➤ 16	Highway Permit Applications - \$ 5,965.00	year-to-date - \$ 51,500.00

Engineering income for 2016 year-to-date \$ 72,625.00
Public Works income for 2016 year-to-date \$ 51,500.00

Engineering Assistant Doug Meder, SEO, performed the following:

➤ 85	Site visits	year-to-date - 323
➤ 48	Mark outs for property resale (sidewalks)	year-to-date - 162
➤ 48	Sewer inspections	year-to-date - 162
➤ 11	Complaints investigated	year-to-date - 45
➤ 10	Grading Permit applications reviewed	year-to-date - 41
➤ 35	Meetings attended	year-to-date - 158
➤ 1	Sewage Permit Review	year-to-date - 2
➤ 0	Sewage Permit Septic Installations	year-to-date - 1
➤ 1	Sewage Permit Percolation Tests	year-to-date - 2
➤ 1	Sewage Permit Deep Holes	year-to-date - 3
➤ 0	Sewage Permit Pre-soaks	year-to-date - 0
➤ 1	Storm percolation tests	year-to-date - 8
➤ 16	Deliveries to Shade Tree and Planning Commission members	year-to-date - 80

Professional Service Fees Reimbursed for 2016 year-to-date \$ 169,643.76

RADNOR TOWNSHIP POLICE DEPARTMENT

301 Iven Avenue
Wayne, Pennsylvania 19087-5297
(610) 688-0503 ✉ Fax (610) 688-1238

William A. Colarulo
Police Superintendent

TO: A Staff Traffic Committee Meeting was held on June 8, 2016 and was attended by Officer Raymond Matus, Highway Patrol; William Gallagher, Supervisor of Parking, Commissioner James Higgins, Steve McNelis, Supervisor of Highway and Solid Waste, Vera DiMaio, Administrative Assistant, and Radnor Residents.

FROM: William A. Colarulo

RE: STAFF TRAFFIC COMMITTEE MEETING HELD IN THE POLICE ROLL CALL ROOM, WEDNESDAY, JUNE 8, 2016, 10:00 AM.

NEW BUSINESS:

1. Mr. Katzman is requesting traffic calming due to speeding vehicles on Mill Road which makes it difficult to enter or exit his driveway.

Highway Patrol states there are currently two speed humps on Mill Road in addition to a stop sign near Mr. Katzman's driveway. The Staff Traffic Committee recommends that Mr. Katzman cut back his bushes alongside Mill Road, which will assist in the site distance from his driveway. The trees along S. Ithan Ave. are obstructing the stop sign and also need to be cut back.

2. Susan Stern is requesting the "No Left Turn" sign heading north onto South Radnor Chester Road be changed from 4-6 pm to 3-6pm due to eastbound traffic on Conestoga Road.

Highway Patrol states that in 2013 PennDot allowed 2 hours in the morning (7-9am) and 2 hours in the afternoon (4-6pm) for the "No Left Turn" signage. In 2007, PennDot approved a left turn advance arrow for eastbound Conestoga Road turning onto northbound Sproul Road. This traffic signal enhancement should improve the traffic flow at Conestoga Road and Radnor Chester Road once instituted.

3. Commissioner Higgins is requesting a traffic study be conducted to determine if a traffic signal is warranted at Iron Works Way and Lancaster Avenue. This request is due to difficulty in making a left turn onto Lancaster Avenue.

The Pennsylvania Department of Transportation requires that following warrants must exist before a traffic signal would be considered on a state roadway; 5 or more crashes within 12 months, the Average Daily Traffic between 10,000-18,000 vehicles on the major roadway and 1,500-4,000 per direction on the secondary roadway. A crash analysis revealed one

crash in the previous five years at this location. The Staff Traffic Committee does not recommend the installation of a traffic signal at this intersection, as it does not meet the PennDot requirements. The other alternative would be to restrict left turns from Iron Works Way.

4. Beth Connor is requesting traffic calming on the 200 block of Midland Avenue due to complaints of speeding vehicles.

Highway Patrol reports that a seven day automated traffic count was conducted with the following results; Average Daily Traffic 873 vehicles, 85% speed was 25 MPH. The Radnor Township Traffic Calming Ordinance requirements are; Average Daily Traffic of 1,000 vehicles and 85% speed of 10 MPH over the posted speed limit. Highway Patrol recommends speed check enforcement to be conducted in the morning and again in the afternoon beginning when schools reopen in the fall of 2016, in the school zone. The Staff Traffic Committee recommends installing a temporary speedboard on the speed limit sign to advise motorists of the speeding limit. The Staff Traffic Committee recommends that Ms. Connor send a letter to the School District requesting a crossing guard at Louella and Midland Avenues. Staff Traffic Committee suggested possibly painting double lines on Midland Avenue to calm traffic speeds. Ms. Connor was advised that a Petition would have to be completed agreeing to this initiative. Radnor Township Public Works Supervisor Steve McNelis will discuss with Bill Cassidy, Field Leader, regarding width pertaining to Midland Avenue in reference to the street line painting. Highway Patrol will check for appropriate street signage on Midland Avenue. This item will be relisted back July 20, 2016 Staff Traffic Committee Meeting under Old Business in reference to the street line painting discussion.

5. Kathryn Behm has safety concerns with the timing of the traffic light at Kenilworth Road and Lancaster Avenue.

Staff Traffic Committee recommends installing a second "No Turn on Red" sign on a pole on North Spring Mill Road. Staff Traffic Committee also recommends replacing the "No Turn on Red" sign on the traffic signal mast arm with a new one. In 2009, PennDot changed the cycling of the traffic signal, due to accidents at Kenilworth Road and Lancaster Avenue. Kenilworth Road now cycles to green after Aldwyn Lane.

6. Cliff Fleming is requesting a "Handicapped Parking" sign installed in front of 17 Louella Court.

Staff Traffic Committee does not recommend the request of Mr. Fleming to install a Handicapped Parking sign in front of his residence. This is due in fact that Mr. Fleming has a driveway.

**RESOLUTION 2016-69
RADNOR TOWNSHIP**

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA, AUTHORIZING THE EXECUTION OF A GRANT
APPLICATION TO THE PENNSYLVANIA DEPARTMENT OF COMMUNITY
AND ECONOMIC DEVELOPMENT FOR THE RADNOR TOWNSHIP TAP
TRAIL.**

Be it RESOLVED, that the Township of Radnor ("Applicant") of Delaware County hereby request a Greenways, Trails, and Recreation Program (GTRP) grant of \$250,000 from the Commonwealth Financing Authority to be used for the Radnor Township TAP Trail.

Be it FURTHER RESOLVED, that the Applicant does hereby designate Robert A. Zienkowski, Township Manager, as the official to execute all documents and agreements between the Township of Radnor and the Commonwealth Financing Authority to facilitate and assist in obtaining the requested grant.

I, Robert A. Zienkowski, duly qualified Secretary of the Township of Radnor, Delaware County, PA, hereby certify that the forgoing is a true and correct copy of a Resolution duly adopted by a majority vote of the Radnor Township Board of Commissioners at a regular meeting held June 27, 2016 and said Resolution has been recorded in the Minutes of the Township of Radnor and remains in effect as of this date.

IN WITNESS THEREOF, I affix my hand and attach the seal of the Township of Radnor, this 27th day of JUNE, 2016.

Township of Radnor

By: _____
Philip Ahr, President

Attest: _____
Robert A. Zienkowski
Township Manager/Secretary

Radnor Township

PROPOSED LEGISLATION



DATE: June 7, 2016

TO: Board of Commissioners

FROM: William M. White, Director of Finance

LEGISLATION: Resolution #2016-69 Authorizing the Execution of a Grant Application to the Pennsylvania Department of Community and Economic Development Greenways, Trails, and Recreation Program (DCED GTRP) for the Radnor Township TAP Trail. Township Staff will administer and prepare the necessary grant documentation in cooperation with Simone Collins Landscape Architecture (the Architectural Firm that developed the Radnor Greenways & Open Space Network Plan) and will coordinate the project if approved by the Board of Commissioners and subsequent granting authorities.

LEGISLATIVE HISTORY: This was discussed at the June 13, 2016 meeting

PURPOSE AND EXPLANATION: As a key link in The Circuit (a 750-mile network of bicycle and pedestrian trails connecting people to jobs, communities, and parks in the Greater Philadelphia Region), Radnor Township plays a pivotal role in connecting the north-south Heinz-to-Refuge Trail to the east-west Chester Valley Trail and points beyond. In October of 2014, Radnor Township completed the Radnor Greenways and Open Space Network Plan (funded by Radnor Township and DCNR). The year-long public process included multiple public meetings, stakeholder focus groups, committee meetings, and four (4) Board of Commissioners Meetings. The resulting trail master plan gained the widespread support of the community and governing body.

This application seeks to implement an immediate alternative segment to the Circuit through Radnor Township using a five (5) mile combination of both on-road and off-road routes. These routes will build needed long-term support and help create a future constituency for the much more intensive alternative. Additionally, the TAP routes will connect to the preferred Circuit once the ultimate Circuit route is realized (many of these segments proposed are recommended in the Heinz-to-Refuge Trail Feasibility Study). These routes will be a catalyst to complete the remaining 5,600 feet of trail through Radnor to complete the Tap/Circuit Route.

The Radnor Township TAP Trail will link residents to downtown Wayne, five (5) schools, four (4) SEPTA train stations, three (3) parks, and office areas including the Penn Medicine facility. The majority of on-road trail routes include sections of Route 30, King of Prussia Road, Bryn Mawr Avenue, and Ithan Road. Off-road trail sections include Encke Park, Radnor High School, Penn Medicine facility, and Cornerstone HOA.

FISCAL IMPACT: There is no direct fiscal impact or financial obligation to authorizing the execution of a grant application to DCED for the Radnor Township TAP Trail. The Township will only accept the term of the proposed DCED GTRP grant only in the event that the DVRPC Transportation Alternative Program (TAP) and the Department of Conservation and Natural Resources Community Conservation Partnerships Program (DCNR C2P2) grant applications for the Radnor Township TAP Trail are awarded. The DVRPC TAP grant will serve as the matching funds required by the DCED GTRP Grant.

RECOMMENDED ACTION: The Administration respectfully requests the Board to approve Resolution #2016-69 authorizing the execution of a grant application to DCED GRTP for the Radnor Township TAP Trail.



pennsylvania
DEPARTMENT OF TRANSPORTATION
BUREAU OF MUNICIPAL SERVICES

MS-339

(Rev 10/12)

**APPLICATION
FOR
COUNTY AID**

PROJECT NUMBER:

SECTION 1: To be completed by Municipality. Upon completion submit to the County.

THEREFORE BE IT RESOLVED, that we, the Officials of Radnor Township
MUNICIPALITY (NAME)
Delaware County, Pennsylvania, in Regular Session, do hereby make application to the
County for an allocation of County Liquid Fuels Tax Funds.

PROJECT DESCRIPTION:

2016 Superpave Road Resurfacing Project, 101,995 SY Milling; 10,270 Tons 9.5 mm Superpave Wearing Course; 1,000 SY Type 1 Base Repair; 8,895 LF DYL Pavement Marking.

TOTAL ESTIMATED PROJECT COST: \$ 1,010,600.00

ALLOCATION REQUESTED: \$ 1,010,600.00

It is certified by the Municipality and the officers who execute this application that all materials used and work done hereunder shall conform to the current Pennsylvania Department of Transportation Specifications and that all work will be done within the legal right of way or with permission of the abutting property owners.

DULY ADOPTED ON (Date): 06/27/2016

ATTEST: (Seal)

Signature of Municipal Officials

SIGNATURE - SECRETARY/CITY CLERK

301 Iven Avenue, Wayne, PA 19087

ADDRESS

SECTION 2: To be completed by County Officials. Upon completion, submit to the PA Department of Transportation.

WHEREAS, the County Officials of Delaware County, having been presented with the foregoing application for the expenditure of County Liquid Fuels Tax Funds for improvements as indicated above.

THEREFORE BE IT RESOLVED, that we, the said Officials, in Regular Session, agree on behalf of said County to contribute the amount listed below from the County Liquid Fuels Tax Funds toward the above specified project provided that all work done shall conform to the current Pennsylvania Department of Transportation Specifications.

LET IT ALSO BE RESOLVED that we do hereby make application to the Pennsylvania Department of Transportation for an Encumbrance of Liquid Fuels Tax Funds for the amount below if not distributed to the Municipality named above by the end of this calendar year.

DULY ADOPTED ON (Date): _____

ALLOCATION APPROVED: \$ _____

ATTEST: (Seal)

Signature of County Officials

SIGNATURE - COUNTY CLERK

ADDRESS

SECTION 3: To be completed by the Pennsylvania Department of Transportation.

APPROVED: _____ **DATE:** _____

MUNICIPAL SERVICES REPRESENTATIVE

Radnor Township
PROPOSED LEGISLATION

DATE: June 27, 2016

TO: Radnor Township Board of Commissioners

FROM: Stephen F. Norcini, P.E., Director of Public Works *SFN*

CC: Robert A. Zienkowski, Township Manager

LEGISLATION: Resolution #2016-74: Requesting Authorization to Apply for County Aid for the Township's Annual Resurfacing Program

LEGISLATIVE HISTORY: This Resolution is the Township's annual application for County Aid, and must be submitted on the required MS-339 form.

PURPOSE AND EXPLANATION: The application for County Aid is to offset a portion of the cost of the annual resurfacing program.

IMPLEMENTATION SCHEDULE: 1.) Resolution approved regarding County Aid 2.) Five original signed copies forwarded to Delaware County 3.) Receive Project Approval from Penn DOT 4.) Complete Project in Calendar year 2016.

FISCAL IMPACT: The County Aid revenue is noted in the 2016 liquid fuels budget worksheet. Last year the Township received \$36,720 in County Aid.

RECOMMENDED ACTION: I respectfully request the Board of Commissioners pass the attached Resolution 2016-74 requesting County Aid.

MOVEMENT OF LEGISLATION: It is being requested that the Board approve the legislation for this project to obtain County Aid revenue.

RESOLUTION NO. 2016-80

RADNOR TOWNSHIP

A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY, PENNSYLVANIA, AMENDING ITS CONSOLIDATED FEE SCHEDULE REVISING ITS FEES FOR CHAPTER 226 – RENTAL HOUSING AND RENTAL HOUSING APPEALS.

WHEREAS, Chapter 226 governs rental housing applications, licenses, and appeals; and

WHEREAS, the Township is authorized to assess reasonable and necessary charges to be paid by rental housing owners based upon the Township’s schedule for fees established by Ordinance or Resolution; and

WHEREAS, the Township’s consolidated fee schedule permits fees to be amended by subsequent Resolution of the Board of Commissioners.

NOW, THEREFORE, it is hereby **RESOLVED** that the Board of Commissioners of Radnor Township does hereby adopt the following revisions to Chapter 226- Rental Housing of the Township’s consolidated fee schedule authorized pursuant to Chapter 162 of the Administrative Code:

Rental Housing Permits	\$60.00 Each Unit (1-10), \$40.00 Each Additional Unit	
Rental Housing Appeals Board	\$2,500.00 plus \$500.00 for each subsequent hearing	
Re-inspection after 2 nd failed inspection	\$100.00	
Application late fee	July 1 st to July 31 st	\$100.00
	On or after August 1 st	\$150.00

SO RESOLVED, at a duly convened meeting of the Board of Commissioners of Radnor Township conducted on this _____ day of _____, 2016.

RADNOR TOWNSHIP

By: _____
Name: Philip M. Ahr
Title: President

ATTEST: _____
Name: Robert A. Zienkowski
Title: Township Manager/Secretary

RESOLUTION NO. 2016-75

RADNOR TOWNSHIP

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA, APPROVING AN EASEMENT AGREEMENT UPON AND
ACROSS 961 WOOTTON ROAD, RADNOR TOWNSHIP**

WHEREAS, the Township has established a plan to construct and install a new sanitary sewer line pursuant to plans prepared by Gannett Fleming, Inc. dated July, 2014; and

WHEREAS, the Township requires a sanitary sewer easement upon and across 961 Wootton Road, Radnor Township in order to commence the project.

NOW, THEREFORE, be it hereby **RESOLVED** that the Board of Commissioners of Radnor Township does hereby approve the easement agreement for both a temporary construction easement and permanent sanitary sewer easement upon and across 961 Wootton Road in Radnor Township. A copy of said Agreement is attached hereto and incorporated herein as Exhibit "A".

SO RESOLVED, at a duly convened meeting of the Board of Commissioners of Radnor Township conducted on this 27th day of June, 2016.

RADNOR TOWNSHIP

By: _____
Name: Phil Ahr
Title: President

ATTEST: _____
Name: Robert A. Zienkowski
Title: Township Manager/Secretary

Radnor Township
PROPOSED LEGISLATION

DATE: June 20, 2016
TO: Radnor Township Board of Commissioners
FROM: Stephen F. Norcini, P.E., Director of Public Works
CC: Robert A. Zienkowski, Township Manager
LEGISLATION: Resolution #2016-75: Approving an Easement Agreement Upon and Across 961 Wootton Road.

LEGISLATIVE HISTORY: This topic has not been before the Board of Commissioners previously.

PURPOSE AND EXPLANATION: The Board of Commissioners may remember the project that has been ongoing; the decommissioning of the Courtney Lane Pumping Station. The pumping station is to be removed, and replaced by gravity sanitary sewer main. In order to install the gravity mains, temporary construction and permanent easements are required at 961 Wootton Road. I have included a copy of the easement plat and legal description for your information. These easements will allow us to connect the gravity main to an existing Township manhole on Wootton Road.

IMPLEMENTATION SCHEDULE: If approved by the Board of Commissioners, the easement will be executed as soon as possible.

FISCAL IMPACT: Based on the appraisal and tree inventory report, the cost of the easement is \$44,000.

RECOMMENDED ACTION: *I respectfully request the Board of Commissioners Approve the Easement Agreement Upon and Across 961 Wootton Road.*

MOVEMENT OF LEGISLATION: It is being requested the Board of Commissioners approve the attached resolution.

421.16

Prepared By: John B. Rice, Esquire
Grim, Biehn & Thatcher
104 South 6th Street, P.O. Box 215
Perkasie, PA 18944

Return To: Grim, Biehn & Thatcher
104 South 6th Street, P.O. Box 215
Perkasie, PA 18944

TPN #: 36-05-03254-04

EASEMENT AGREEMENT
Temporary Construction, Permanent Sanitary Sewer Easement
961 Wootton Road, Radnor Township, Delaware County

THIS EASEMENT AGREEMENT is made and executed this ____ day of _____, 2016, between *GARY DeSANTO*, having a mailing address of 961 Wootton Road, Bryn Mawr, PA 19010 (hereinafter referred to as "*Grantor*") and the *TOWNSHIP OF RADNOR*, a Home Rule Municipality, with offices located at 301 Iven Avenue, Wayne, PA 19087 (hereinafter referred to as "*Grantee*").

BACKGROUND

A. Grantor is the title holder in fee of a certain parcel of land in Radnor Township located at 961 Wootton Road, Bryn Mawr, PA 19010, more particularly identified as Delaware County Tax Map Parcel No. 36-05-03254-04 (hereinafter referred to as "*Property*").

B. Grantee has established a plan to construct and install a sanitary sewer line pursuant to plans prepared by Gannett Fleming, Inc. dated July 2014; and

C. In furtherance of this plan, Grantee has requested and Grantor has agreed to provide easements over the Property in order to install the sanitary sewer line.

D. It is the intention of Grantor, for themselves, their heirs, successors and assigns, to impose certain terms, covenants, easements, benefits, burdens, and servitudes on the Property, for the benefit of Radnor Township, Grantor, and the general public, and their respective heirs, successors and assigns.

NOW, THEREFORE, in consideration of the foregoing and intending to be legally bound, the parties hereby agree as follows:

1. Grantor shall execute a Temporary Construction Easement and Permanent Sanitary Sewer Easement in a form to be approved by both parties.

2. Grantee shall commence the sewer line work on the Property no later than four (4) months after the date of this Agreement and shall diligently prosecute such work, with no delay or interruption (other than due to adverse weather conditions) until completion.

3. Prior to commencement of any construction or installation on the Property, the Grantee will mark out any existing underground utility lines, including, but not limited to, power, cable, and telephone. Grantee's contractor shall coordinate all utilities on the Property with Grantor. Grantor shall be given at least five (5) days' notice prior to commencement of any construction or installation on the Property. Grantee shall take good faith efforts to ensure that any interruption of the utility services shall be kept to a minimum (i.e., no longer than five (5) hours). Further, Grantee shall be liable for, and shall promptly restore, any damage done to these utilities. All work performed by Grantee on the Property shall take place during daylight hours, unless otherwise agreed by Grantor.

4. Within thirty (30) days after the installation of the sewer line on the Property, or such other reasonable time necessary due to adverse weather conditions, Grantee shall, at Grantee's sole cost and expense, complete the following work, which shall be subject to Grantor's reasonable approval. Prior to commencing this work Grantee shall meet onsite with Grantor to mark all trees to be removed.

- a. Seed and mulch the eastern yard of Grantor's property.
- b. Seed and mulch easement area where necessary.
- c. Replace pavement in the road along property frontage.
- d. Restore the Property to a condition that is no worse than the condition that existed immediately prior to commencement of construction of the sewer line. Any existing drainage lines will be reattached and or replaced if damaged.
- e. Within thirty (30) days after commencement of construction, Grantee will compensate Grantor for loss plantings and other temporary and permanent damages in the amount of Forty-Four Thousand Dollars (\$44,000.00).

5. Grantee shall indemnify and hold harmless Grantor (including Grantor's heirs, successors and assigns) from any claims or damages, (including attorneys' fees) which arise out of, or are in any way related to, the acts or omissions of Grantee, its agents, employees, representatives, licensees or contractors, in connection with the exercise of its rights or the performance of its obligations pursuant to this Agreement. The obligation of Grantee contained in this paragraph shall survive the completion of the work contemplated herein.

IN WITNESS WHEREOF, the parties hereto, intending to be legally bound, have hereby set their respective hands and seals the day and year first above written.

GRANTOR:

Date: 6/8/16



Name: Gary DeSanto

GRANTEE:

RADNOR TOWNSHIP

Date: _____

Name:

Title:

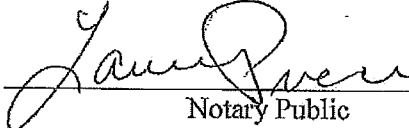
PERMANENT SANITARY SEWER EASEMENT
961 Wootton Road, Radnor Township, Delaware County

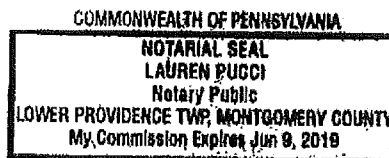
(Acknowledgments)

COMMONWEALTH OF PENNSYLVANIA :
: **SS.**
COUNTY OF DELAWARE :

On this 8 day of June, 2016, before me a Notary Public, personally appeared **GARY DeSANTO**, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

 (SEAL)
Notary Public



PERMANENT SANITARY SEWER EASEMENT
961 Wootton Road, Radnor Township, Delaware County

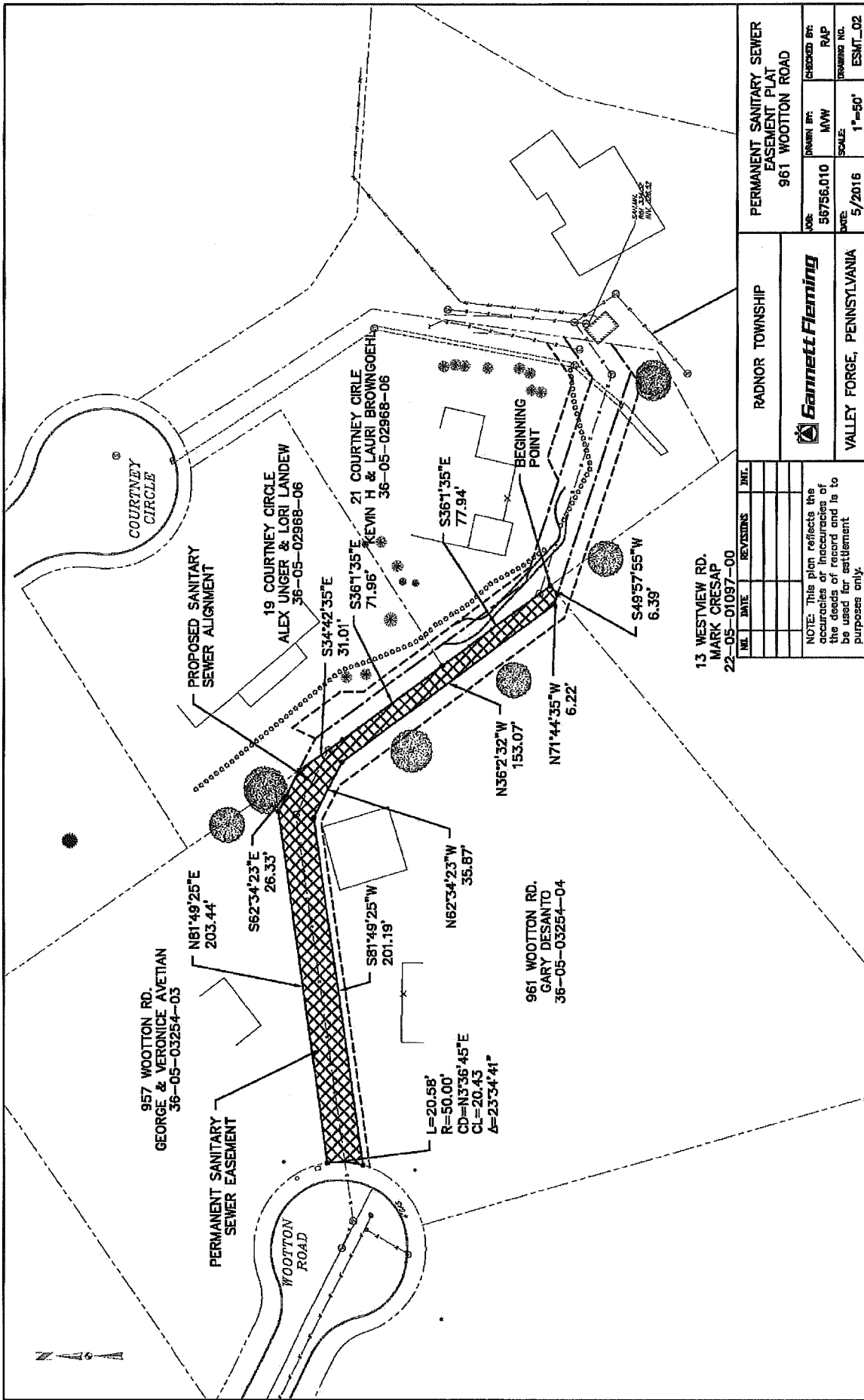
(Acknowledgments)

COMMONWEALTH OF PENNSYLVANIA :
: *ss.*
COUNTY OF :

ON THIS day of , 2016, before me a Notary Public,
personally appeared _____ of Radnor Township, known to me (or satisfactorily
proven) to be the person whose name is subscribed to the within instrument, and acknowledged that
he/she subscribed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and Notarial Seal.


Notary Public (SEAL)



13 WESTVIEW RD.
MARK CRESAP
22-05-01097-00

NO.	DATE	REVISIONS	INT.

NOTE: This plan reflects the accuracies or inaccuracies of the deeds of record and is to be used for settlement purposes only.

PERMANENT SANITARY SEWER EASEMENT PLAT		CHECKED BY:	ESMT_02
961 WOOTTON ROAD		RAP	
JOB NO:	56756.010	DRAWN BY:	MW
DATE:	5/2016	SCALE:	1"=50'
RADNOR TOWNSHIP		VALLEY Forge, PENNSYLVANIA	
			

RESOLUTION NO. 2016-76

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE
COUNTY, PENNSYLVANIA, AWARDING CONTRACT
#B16-007, COURTNEY CIRCLE PUMP STATION
REMOVAL PROJECT TO MCKENNEY CONSTRUCTION**

WHEREAS, sealed bids were received for the above referenced project on July 14th,
2016

WHEREAS, McKenney Construction submitted a bid of \$289,000

NOW, THEREFORE, be it *RESOLVED* by the Board of Commissioners of Radnor Township does hereby Award Contract #B16-007, Courtney Circle Pump Station Removal Project, to McKenney Construction in the amount of \$289,000.

SO RESOLVED this 27th day of June, A.D., 2016

RADNOR TOWNSHIP

By: _____

Name: Phillip M. Ahr

Title: President


ATTEST:

Robert A. Zienkowski
Manager/Secretary

Radnor Township
PROPOSED LEGISLATION

DATE: June 20, 2016

TO: Radnor Township Board of Commissioners

FROM: Stephen F. Norcini, P.E., Director of Public Works 

CC: Robert A. Zienkowski, Township Manager
Melissa Conn, Sealed Bidding and Procurement Manager

LEGISLATION: Resolution #2016-76: Awarding Contract #B16-007, Courtney Circle Pump Station Removal Project to McKenney Construction

LEGISLATIVE HISTORY: This project goes back at least 8 years. We have previously been approved for bidding.

PURPOSE AND EXPLANATION: The decommissioning of the pumping station, and installation of gravity mains in its place will provide the following benefits the Township: 1.) removal of an mechanical asset and its life cycle costs from the Township's books, 2.) stop the use of a pumper truck for hours (sometimes days) during power outages, 3.) replacement of a mechanical item and its maintenance costs, with the relatively minor life cycle costs of a gravity sewer run. The project was bid through Penn BID, with sealed bids received on July 14th, 2016. There was one bidder for the project:

McKenney Construction - \$289,000

Albeit one bidder, McKenney's reference has checked out, and the price is within the estimated cost of construction.

IMPLEMENTATION SCHEDULE: If approved by the Board of Commissioners, the contractor will be issued a Notice of Award from Melissa Conn. Upon completion of the submittal process, the contractor will be provided the Notice to Proceed.

FISCAL IMPACT: the project will be funded by the "02" Sewer Fund.

RECOMMENDED ACTION: *I respectfully request the Board of Commissioners Award Contract #B16-007, Courtney Circle Pump Station Removal Project, to McKenney Construction in the amount of \$289,000.*

MOVEMENT OF LEGISLATION: It is being requested the Board of Commissioners approve the attached resolution.

RESOLUTION NO. 2016-77

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE
COUNTY, PENNSYLVANIA, AWARDED AWARD THE
REPLACEMENT OF THE MILL ROAD CULVERT TO
CRILON CORPORATION**

WHEREAS, the Engineering Department received sealed bids via Penn BID for the above referenced project

WHEREAS, the lowest responsible bidder for the project was Crilon Corporation, in the amount of \$60,959.10

NOW, THEREFORE, be it **RESOLVED** by the Board of Commissioners of Radnor Township does hereby award the Replacement of the Mill Road Culvert to Crilon Corporation, in the amount of \$60,959.10.

SO RESOLVED this 27th day of June, A.D., 2016

RADNOR TOWNSHIP

By: _____

Name: Philip M. Ahr

Title: President

ATTEST: _____

Robert A. Zienkowski
Manager/Secretary

Radnor Township
PROPOSED LEGISLATION

DATE: June 20, 2016

TO: Radnor Township Board of Commissioners

FROM: Stephen F. Norcini, P.E., Director of Public Works *SN*

CC: Robert A. Zienkowski, Township Manager
William M. White, Finance Department Director
Melissa Conn, Sealed Bidding and Purchasing Coordinator

LEGISLATION: Resolution 2016-77: Authorization to Award the Replacement of the Mill Road Culvert

LEGISLATIVE HISTORY: The Board of Commissioners previously authorized the Engineering Department to award the design of this project to Gannett Fleming, and subsequently to receive sealed bids. The Stormwater Management Advisory Committee (SWMAC) also previously recommended this project.

PURPOSE AND EXPLANATION: The Mill Road Culvert, which consists of a corrugated metal pipe (CMP) and two endwalls, has been deteriorating for years. The Road continually subsides in the area directly above the culvert, due to gaps and deteriorated portions of pipe which allow the soil to drop into the pipe. The pipe is clearly in need of replacement. We are now at the final step in this process; the award of the construction contract to replace the pipe.

The bid tabulation is noted below:

MG Property Mgmt. Assc. LLC	Ply-Mar Construction Co. Inc.	CriLon Corp	Road-Con, Inc.
\$22,120.00	\$57,310.00	\$60,959.10	\$123,095.00
Request to reject bid	Request to reject bid		

After review of the bids, it was found that MG Property Management did not upload the required documents on Penn BID, nor did Ply-Mar Construction. I am requesting that these bids be rejected. The lowest responsible bidder is therefore Crilon Corporation, in the amount of \$60,959.10. Crilon's references have checked out; they also constructed the Marlbridge Road Culvert and completed the Willows Bridge for Radnor Township. The construction performed in Radnor Township was adequately done.

IMPLEMENTATION SCHEDULE: Pending Board of Commissioners approval, the notice of award will be sent as soon as possible. Upon receipt of the required bonds and documents, Melissa Conn will issue the Notice to Proceed. At that time, I will have the proposed (weather dependent) schedule, with a proposed completion date

FISCAL IMPACT: This project, costing \$60,959.10, is funded solely by the "04" stormwater fund.

RECOMMENDED ACTION: *I respectfully request the Board of Commissioners Award the Replacement of the Mill Road Culvert to Crilon Corporation, in the amount of \$60,959.10.*

MOVEMENT OF LEGISLATION: It is being requested the Board of Commissioners approve this motion.



RADNOR TOWNSHIP POLICE DEPARTMENT

301 IVEN AVENUE

WAYNE, PENNSYLVANIA 19087-5297

OFFICE: (610) 688-0503

FAX: (610) 688-1238

**WILLIAM A. COLARULO
POLICE SUPERINTENDENT**

**ANDREW J. BLOCK
LIEUTENANT**

**CHRISTOPHER B. FLANAGAN
LIEUTENANT**

June 22, 2016

Re: Rejection of the Bid for the Sale of Surplus Parking Meters

Previously, the Administration was requesting that the Board of Commissioners authorize the sale of 750 single and double parking meters. An online auction of the surplus parking meters was held through Municibid.net. The online auction began on February 8, 2016 and ended on February 22, 2016 and received zero qualify bids.

Township staff was directed by the Township Manager to put the sale of the parking meters out to bid. Bids were received on May 13, 2016 and one bid was submitted for the purchase of the surplus parking meters from Eastern Surplus & Equipment Company at a total price of \$431.29.

Radnor Township reserves the right to reject any or all bids received. The bid for \$431.29 for the sale of surplus parking meters should be denied due to the bid being below fair market value of the parking meters.

This letter is to request authorization to rebid the sale of surplus parking meters.

A handwritten signature in cursive script that reads "William A. Colarulo".

William A. Colarulo
Police Superintendent

**RESOLUTION 2016-81
RADNOR TOWNSHIP**

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA AUTHORIZING THE TOWNSHIP MANAGER TO
ENTER INTO AN AGREEMENT WITH CINTAS CORPORATION FOR
UNIFORM RENTALS**

WHEREAS, Radnor Township provides uniforms for Public Works mechanics; and

WHEREAS, Cintas Corporation provides uniform rentals to Radnor Township on a week to week basis with future price increases forthcoming; and

WHEREAS, to secure fixed pricing for a longer term, the Administration has negotiated a three-year agreement with Cintas Corporation.

NOW, THEREFORE, it is hereby *RESOLVED* that the Board of Commissioners of Radnor Township hereby authorizes the Township Manager to execute an agreement with Cintas Corporation for a three-year agreement at an approximate price of \$100.00 per week.

SO RESOLVED, at a duly convened meeting of the Board of Commissioners of Radnor Township conducted on this 27th day of June, A.D., 2016.

RADNOR TOWNSHIP

By: _____

Name: Philip Ahr

Title: President

ATTEST: _____

Robert A. Zienkowski
Township Manager / Secretary

Radnor Township

PROPOSED LEGISLATION



DATE: June 21, 2016

TO: Board of Commissioners

FROM: William M. White, Finance Director

LEGISLATION: Resolution 2016-81 authorizing the Township Manager to enter into an agreement with Cintas Corporation for rental of Public Works mechanics' uniforms.

LEGISLATIVE HISTORY: There is no prior legislative history on this proposed legislation.

PURPOSE AND EXPLANATION: By approving Resolution 2016-81 the Township will be able to lock in weekly rates for a period of three years for the rental of Public Works mechanics' uniforms with Cintas Corporation.

IMPLEMENTATION SCHEDULE: If approved at the June 27, 2016 meeting, the Township Manager will execute the agreement with Cintas Corporation and the three-year agreement will commence.

FISCAL IMPACT: By negotiating a longer term (three-year) contract, the Township is locking in rates that will be roughly \$100 per week. Currently, the Township is paying roughly \$161 per week and we were recently notified that the rate would be increasing to \$168 per week under our current, week-to-week engagement. Therefore, the savings per week at today's pricing is \$68. Notwithstanding future price increases, the three-year savings will be roughly \$10,600 (or \$3,536 per year).

RECOMMENDED ACTION: The Administration respectfully requests the Board to adopt Resolution 2016-81 at the June 27, 2016 meeting. The savings will occur immediately upon signing the agreement. Thank you.

Vacancies on Various Boards & Commissions

Board of Health 1 Vacancy	Design Review Board 1 Vacancy	Vacancy Board 1 Vacancy
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Public Participation

Radnor Fire Company

Ambulance Division

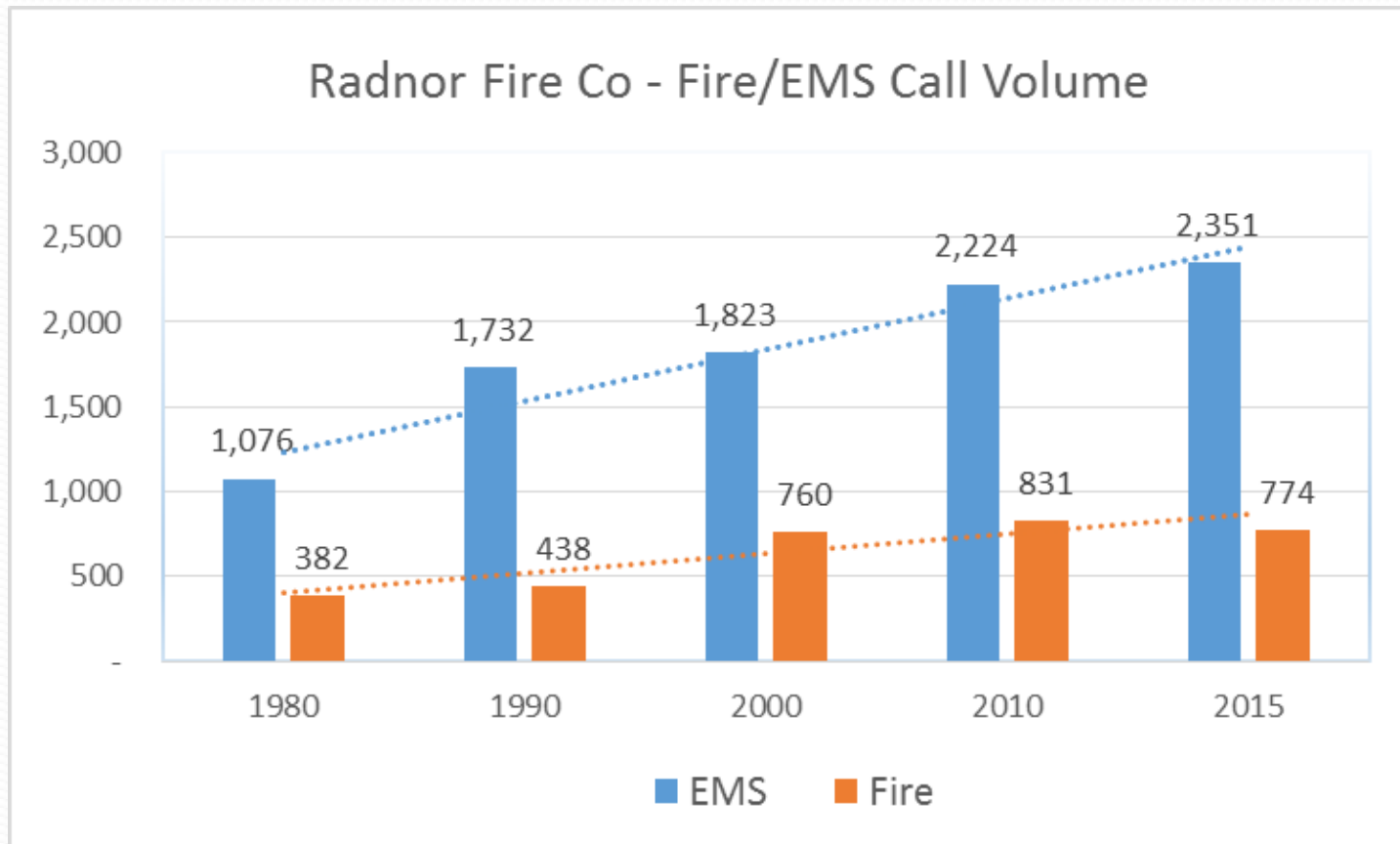
Financial Analytics
2013 through 2016

Ambulance Services – *brief overview*

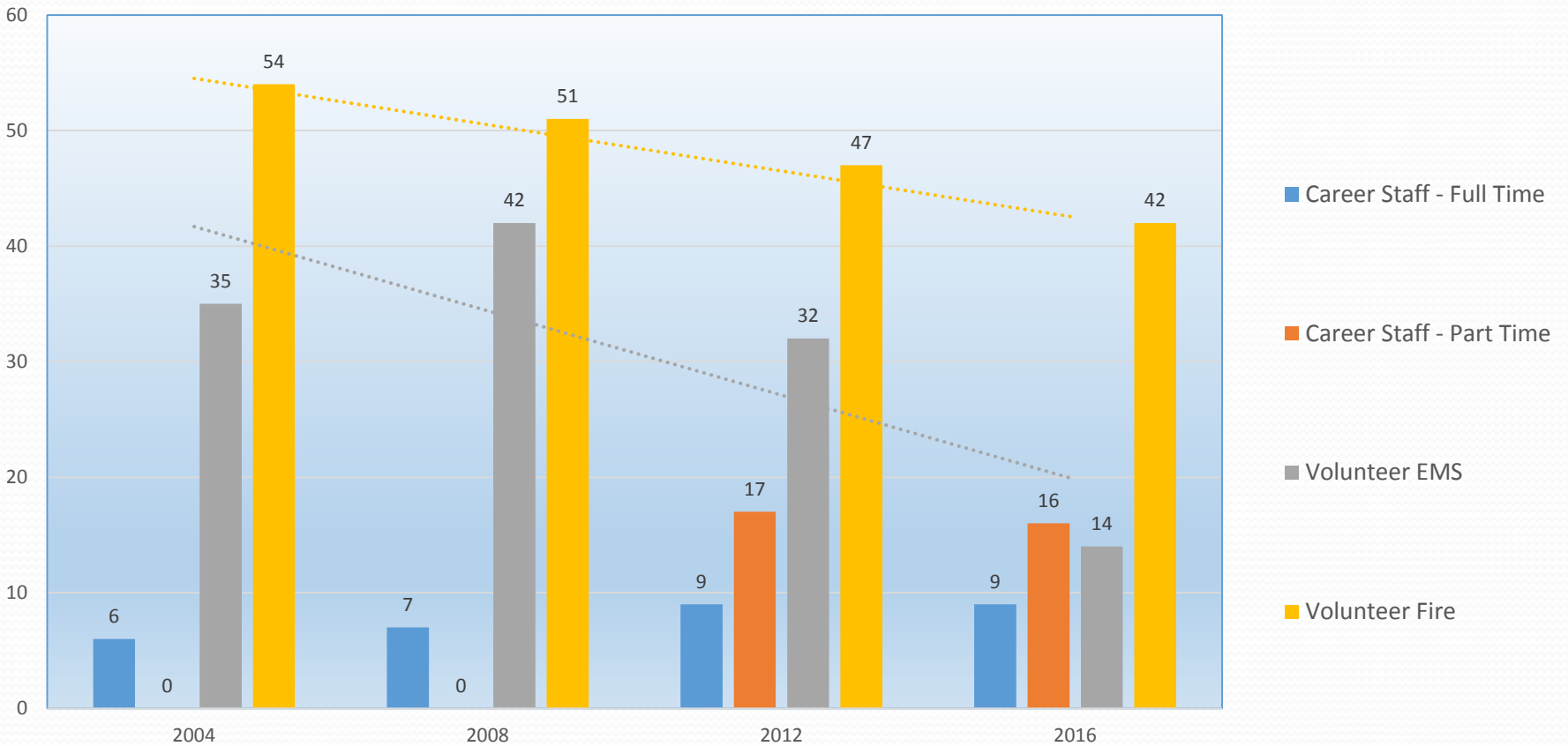
- First ambulance purchased by Radnor Fire Company (RFC) in 1943
- Considered as an “added service” at the time
- Second vehicle acquired during 1970’s
- Third vehicle added in 2012
- Call Volume History – increase of over 100% from 1980 to 2015

	1980	1990	2000	2010	2015
EMS	1,076	1,732	1,823	2,224	2,351
Fire	<u>382</u>	<u>438</u>	<u>760</u>	<u>831</u>	<u>774</u>
Total	1,458	2,170	2,583	3,055	3,125

Calls for Service Last 35 Years

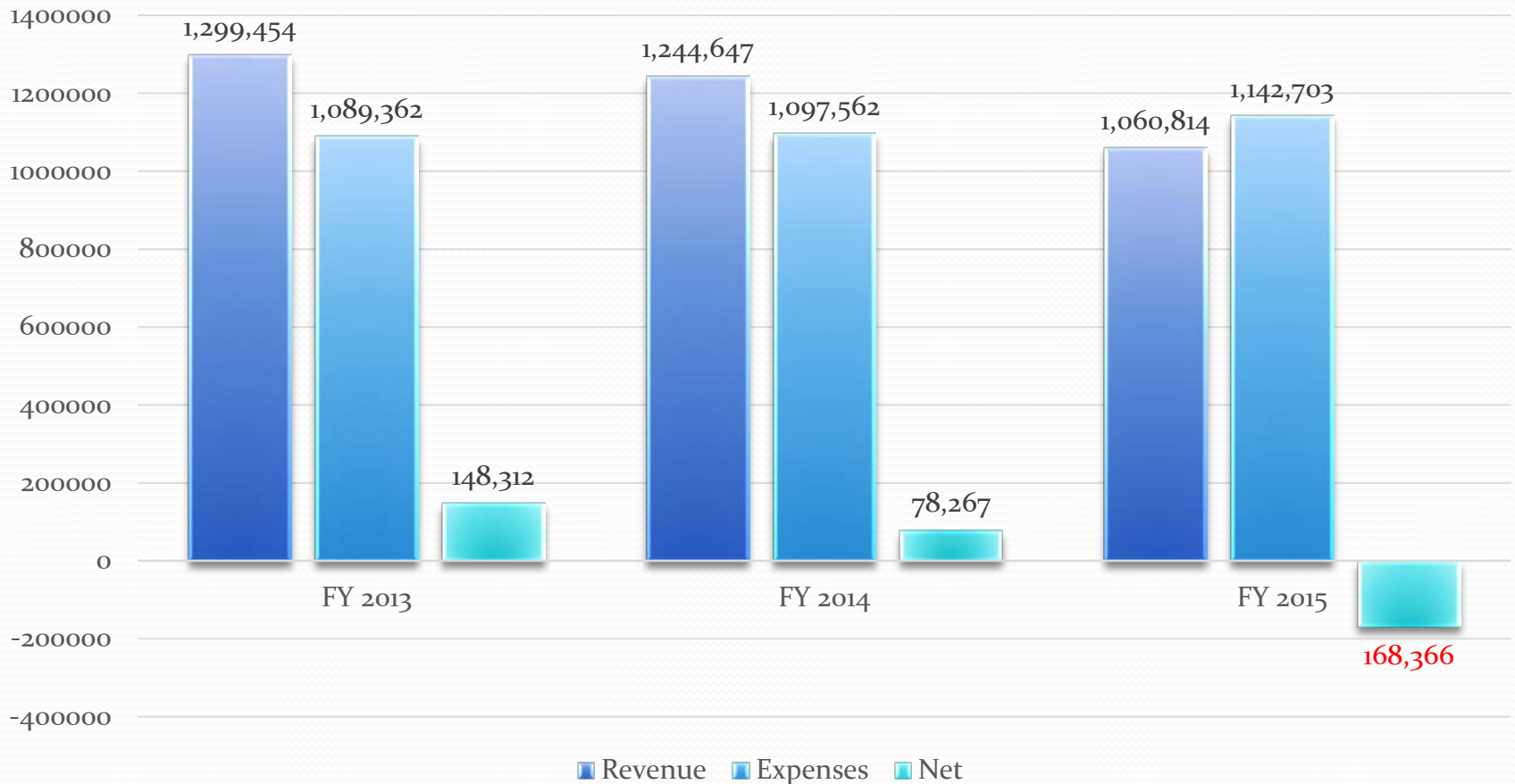


Volunteer & Career Staffing Last 12 Years



Operating Results – Last 3 Years

Cash Basis



Services and Published Rates

➤ Services include

- | | |
|--------------------------------|----------|
| ➤ BLS - Basic Life Support | \$ 754 |
| ➤ ALS – Advanced Life Support | \$ 1,100 |
| ➤ ALS2 – Advanced Life Support | \$ 1,250 |

ALS2 is a higher level of service for treating multiple injuries or traumas to an individual.

Reimbursements and Allowable Rates

<i>Medicare & Medicare HMO</i>	2014	2015	2016
BLS – Basic Life Support	\$369	\$378	\$376
ALS – Advanced Life Support	\$438	\$448	\$447
ALS2 – Advanced Life Support +	\$633	\$649	\$642

Commercial Medical Insurance

- consistent with Medicare - closely follows the Medicare reimbursement schedule

Medicare and Commercial Medical represent approximately 76% of all calls over the past three years and allowable reimbursements average only 47.1% of published rates.

Call Volume & Revenue

	CY 2013	CY 2014	CY2015	YTD 6/2016
Total Calls	2,376	2,351	2,287	1,032
Billable Calls	1,678	1,656	1,695	743
- BLS	767	722	734	293
- ALS	914	934	961	450
Billable Call %	70.62%	70.44%	74.11%	72.01%
Chargeable Revenue	\$1,599,943	\$1,633,658	\$1,684,069	\$ 745,112
Collected Revenue	\$ 853,426	\$ 832,406	\$ 782,176	\$ 255,668
<i>Collected revenue %</i>	53.3%	50.95%	46.45%	34.31% (1)

(1) Decrease in collected revenue for YTD 2016 represents primarily timing differences in collections – expected to be 45% to 50% of chargeable revenue over the course of the year.

Accounts Receivable

- The Ambulance Division contracts with a third party collections agency to collect on unpaid billings over 120 days old
- Third party agency charges 33% of collected revenue
- History of uncollected claims:
 - 2013 \$ 134,030
 - 2014 \$ 160,791
 - 2015 \$ 281,893

Accounts receivable balances not reported on balance sheets

Operating Expenses & Transfers

- Operating expenses have increased minimally
 - 0.75% and 4.11% over the past two years
- Since 2011, the Ambulance Division, despite decreases in collected revenue the past three years, has transferred \$500,000 to the Fire Division to help support its operations, primarily increased labor costs.
 - *Not reflected in ambulance company divisional financial statements*

In Network vs Out of Network

*RFC, like most 911 EMS providers, currently **out of network** with insurance companies*

➤ Advantage of Out of Network

- Able to **“balance bill”** patient for difference between published rate and allowable rate

➤ Disadvantage of Out of Network

- Delay in reimbursement
- Lack of a negotiated, contracted rate more likely to result in discrepancies in reimbursement

Regulatory Challenges

- Affordable Care Act – provisions affecting RFC
 - Increased documentation required for billing
 - Increases in copays and deductibles
 - Increased difficulty in pursuing patient copay
- Proposed PA State legislation
 - Current proposals to eliminate “balance-billing”
 - *Will have significant financial repercussions to RFC*
- Commercial Insurance Payers
 - In past two years, IBC discontinued practice of direct reimbursement to provider and now issues payments to subscriber
 - **RFC MUST NOW PURSUE PAYMENT FROM THE PATIENTS!**

Financial Reporting Observations

- Financial statements are not audited or reviewed annually
 - Independent CPA prepares either a compilation or special purpose report
 - Advantages
 - Inexpensive and not time intensive
 - Requires minimal “technical” accounting work from staff
 - Disadvantages
 - Statements are prepared on a cash basis and may not accurately reflect year end assets and liabilities
 - Audit preparation is expensive and time intensive
 - Requires significant staff time and analysis

Next Steps

- Problem definition
 - Is decrease in collections a reflection of industry trends with medical billing reimbursement?
 - In network vs. out of network?
 - Are these problems unique to RFC?
 - How do other ambulance services manage billing and collections?
- Solutions
 - Collaborative approach

Memo

Radnor Township
Board of Commissioners

June 22, 2016

RE: Radnor Memorial Library Bids

As you may know, the bids received on the RML expansion and renovations are well in excess of the amounts budgeted.

Unfortunately, because of Pennsylvania Law regarding bidding, Multi-Prime Contracts and the so called Prevailing Wage rules, Municipal projects are quite risky, and the final cost is not known until the last possible minute.

The construction cost estimates prepared by a third party included contingency for these risks, however the actual bids received consumed such contingencies and more.

Since the receipt of the bids, a variety of research has been conducted within the bidding rules to dissect the bids in hope of determining the cause. Here are the basic conclusions and recommendations:

1. We are recommending that the bids be rejected and that the project be rebid with some scope modifications that follow.
2. First, market conditions at the time of bidding turned out to be extremely unfavorable to the project and other projects being bid over the last 2-3 months. A symptom of a recovering robust economy following and extreme downturn is that the Subcontractor Market is over worked and understaffed. Thus the pricing in all subcontracts (which make up about 85% of the project cost) has spiked. This is believed to be the primary issue for this project and it is hoped and believed to be temporary in nature such that a rebid will likely come closer to normal. There is no way to guarantee that the market will recover fully, but our hope and expectation is that it will absorb a substantial part of the gap.
3. Second, the bidding coincided with the Public School Market "Summer Work" which has the same public, low-bid contractors in their peak season. A fall rebid will correct for this.
4. Additional scope was added through the Township approval process at the very end of the project including:
 - Storm Water / Rain garden requirements
 - Clearance height requirements for Addition
 - Reduced number of columns in parking lot
 - Fire Department Connection and Standpipe system

5. We are scouring the project for any other design scope that was added during the final stages to correct as needed.
6. We will be looking for Value Engineering and scope reductions that can be implemented that do not affect the overall usability of the project.
7. As a last tool, we will identify other scope items that can be held out as bid alternates to control the final cost that will include among other things, isolating one or more of the additions.

The following is the proposed schedule to re-bid the project:

6/27/16:	BOC approval to Rebid RML
7/29/16:	Re Bid packages complete
8/1/16:	Re Bid Start date
8/30/16:	Bids Due
9/12/16:	Recommendation of Award @ BOC meeting

In conclusion, we remain the Partner of the Township, the Library Board and the Residents of Radnor in seeing this project to successful completion in a volatile public bid market. We look forward to questions and ideas that you may have.

Respectfully,

A handwritten signature in black ink, appearing to read 'M. Kimmel', followed by a large, stylized circular flourish.

Martin D. Kimmel,
Kimmel Bogrette Architecture + Site, Inc.

RESOLUTION NO. 2016-78

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA, RADNOR MEMORIAL LIBRARY UPGRADE AND EXPANSION
PROJECT, #B16-004: AUTHORIZATION TO REJECT ALL BIDS, AND RE-BID THE
PROJECT**

WHEREAS, sealed bids were received via Penn BID for the above referenced project on June 10th, 2016

WHEREAS, it is requested that all bids be rejected

WHEREAS, it is requested that authorization to re-bid the project is granted

NOW, THEREFORE, be it **RESOLVED** by the Board of Commissioners of Radnor Township does hereby reject all bids received on June 10th, 2016 for the Radnor Memorial Library Upgrade and Expansion Project, and subsequently authorizes the project to be re-bid

SO RESOLVED this 27th day of June, A.D., 2016

RADNOR TOWNSHIP

By: _____

Name: Philip M. Ahr

Title: President

ATTEST: _____


Robert A. Zienkowski

Manager/Secretary

Radnor Township
PROPOSED LEGISLATION

DATE: June 20, 2016

TO: Radnor Township Board of Commissioners

FROM: Stephen F. Norcini, P.E., Director of Public Works 

CC: Robert A. Zienkowski, Township Manager
William M. White, Finance Department Director
Melissa Conn, Sealed Bidding and Purchasing Coordinator

LEGISLATION: Resolution # 2016-78: Project #B-16-004, Radnor Memorial Library Upgrade and Expansion Project: Authorization to Reject All Bids, and Re-Bid the Project

LEGISLATIVE HISTORY: The Board of Commissioners previously authorized the Engineering Department to receive sealed bids for the Radnor Memorial Library Upgrade and Expansion Project.

PURPOSE AND EXPLANATION: Sealed bids were received for this project, via Penn BID, on June 10th, 2016. This project was required to be bid as a multi-prime project: General Construction, Electrical, Mechanical, Plumbing, and Fire Protection. Upon receipt and opening of the bids, it was evident that the bids received were greater in price than our design professional's estimate. The bid tabulation that follows (please see attached) outlines the bids received for each prime area of work (general, electrical, etc.). The total bid is the aggregate of all five primes' apparent low bids. The sum of the apparent low bids for the various prime contractors is \$6,776,154, which is well above the estimated range of \$3.5M -\$4.2M. Our architectural firm, Kimmel-Bogrette Architecture and Site is reviewing the plans and bids to possibly determine why the bids came in as they did. The purpose of this Resolution is to reject the current bids, and allow the project to be re-bid. Kimmel- Bogrette will be working on the "re-bid" design drawings.

IMPLEMENTATION SCHEDULE: Pending Board of Commissioners approval, the project will be re-bi as soon as possible.

FISCAL IMPACT: There is no cost to re-bid project.

RECOMMENDED ACTION: *I respectfully request the Board of Commissioners reject all bids for the Radnor Memorial Library Upgrade and Expansion Project, and to subsequently authorize the re-bidding of the project.*

MOVEMENT OF LEGISLATION: It is being requested the Board of Commissioners approve this motion.

Radnor Memorial Library
Expansion and Renovation Bid Tabulation

General Construction Prime	SMJ Contracting, Inc. \$4,780,154	Flatiron Bldg. Co. \$4,821,300	CraftSource, Inc. \$4,933,000	E.R. Stuebner, Inc. \$4,981,000	John S. McManus \$5,469,000	R.E. Crawford \$5,896,339
Electrical Prime	Electri-Tech Inc. \$538,000	A. N. Lynch Co. \$579,590	Shannon A. Smith, Inc. \$623,263	Lenni Electric \$658,428	Yates Elec. \$738,875	Clinger Corp. \$784,000
Mechanical Prime	Guy M. Cooper Inc. \$1,135,000	Worth Co. \$1,171,000	W. Jersey ACH \$1,264,569	Mycos Mech. \$1,297,000	Cook's Serv. Co. \$1,357,000	Phillips Bros. \$1,879,884
Plumbing Prime	Chris Wolff Plumbing \$128,000	Guy M. Cooper Inc. \$278,000	Vision Mechanical \$250,692	Cook's Serv. Co. \$270,200	Mycos Mech. Co. \$293,574	
Fire Protection Prime	Guy M. Cooper Inc. \$195,000	Aff. Fire Protection \$215,000	ABJ Sprinkler Co. \$277,800			
PROJECT TOTAL	\$6,776,154					

SFN

**TOWNSHIP OF RADNOR
DELAWARE COUNTY, PENNSYLVANIA**

ORDINANCE NO. 2016-08

AN ORDINANCE OF RADNOR TOWNSHIP, DELAWARE COUNTY, PENNSYLVANIA, AMENDING CERTAIN PROVISIONS OF ORDINANCE 1987-19 AS INCORPORATED IN THE RADNOR TOWNSHIP CODE UNDER ARTICLE I "COUNTY DISPOSAL AGREEMENT," §240-11.C. "JOINT COOPERATION AGREEMENT," SUBSECTION C. TO RENEW ITS AGREEMENT WITH THE COUNTY OF DELAWARE, PENNSYLVANIA FOR REGULATING THE DISPOSAL OF MUNICIPAL SOLID WASTE FROM THE TOWNSHIP SET TO EXPIRE ON APRIL 7, 2017 FOR AN ADDITIONAL TWENTY-FIVE (25) YEARS.

WHEREAS, Delaware County Solid Waste Authority ("SWA") and Radnor Township entered into that certain Ordinance Regulating the Disposal of Municipal Solid Waste from the Municipality; Requiring Disposal at Approved Site; Providing for Licensing of Solid Waste Collectors; Providing for Regulations and Penalties; Entering into a Joint Cooperation Agreement With The County of Delaware, Pennsylvania; and Adopting the Delaware County Solid Waste Management Plan dated July 13, 1987 (the "1987 Ordinance"); and

WHEREAS, SWA and Radnor Township desire to amend certain provisions of the 1987 Ordinance and agree to do so; and

WHEREAS, the parties hereto desire to reaffirm all other provisions of the 1987 Ordinance not specifically amended hereby.

The Radnor Township Board of Commissioners does hereby ENACT and ORDAIN, as follows:

SECTION 1. Section 240-11.C. is hereby amended to read as follows:

- C. The term of this agreement shall be for a period of 25 years, and said term shall commence on January 1, 2017. The municipality, at its option, may terminate this agreement with 30 days' written notice to the county, in the event that the municipality will incur substantial costs over and above the costs generally accepted by the other municipalities in delivering municipal solid waste to the county during the term of this agreement, provided that the municipality has first obtained final approval from the Department of Environmental Protection (DEP) for its own plan under the Act or an approval from the Department for a modification that brings the municipality under another plan that has already obtained final approval. It is understood, however, that (upon any such termination of this agreement by the municipality) the county, the

Authority and/or the county's contractor shall be relieved of any responsibility to accept and dispose of municipal solid waste generated within the municipality. It is further understood that any such termination of this agreement by the municipality shall constitute a repeal, whether express or implied.

SECTION 2. All references throughout Chapter 240, Solid Waste regarding the Department of Environmental Resources or DER shall be revised to read Department of Environmental Protection or DEP.

SECTION 3. All other provisions, terms and conditions of the 1987 Ordinance not specifically amended shall remain in full force and effect. SWA and Radnor Township hereby reaffirm the 1987 Ordinance as amended hereby.

SECTION 4. REPEALER

All ordinances, parts of ordinances, and amendments thereof which are inconsistent with this Ordinance are hereby repealed.

SECTION 5. SEVERABILITY

If any clause, sentence, paragraph, section, subsection, part, or provision of this Ordinance is, for any reason, found to be unconstitutional, illegal, or invalid by a court of competent jurisdiction, such unconstitutionality, illegality, or invalidity shall not affect the validity of this Ordinance as a whole or any part thereof other than that portion specifically declared invalid. It is hereby declared as the intent of the Board of Commissioners of Radnor Township, that this Ordinance would have been adopted had such unconstitutional, illegal, or invalid clause, sentence, paragraph, section, subsection, part, provision, or part thereof not been included therein.

SECTION 6. EFFECTIVE DATE

This Ordinance shall become effective in accordance with the Radnor Township Home Rule Charter.

ENACTED AND ORDAINED this _____ day of _____, A.D., 2016.

RADNOR TOWNSHIP

By: _____


Name: Phil Ahr
Title: President

ATTEST: _____
Robert A. Zienkowski, Secretary

Radnor Township
PROPOSED LEGISLATION

DATE: June 20, 2016

TO: Radnor Township Board of Commissioners

FROM: Stephen F. Norcini, P.E., Director of Public Works 

CC: Robert A. Zienkowski, Township Manager
William R. White, Finance Director

LEGISLATION: Ordinance #2016-08: (Introduction) - Amending Certain Provisions Of Ordinance 1987-19 As Incorporated In The Radnor Township Code Under Article I "County Disposal Agreement," §240-11.C. "Joint Cooperation Agreement," Subsection C. To Renew Its Agreement With The County Of Delaware, Pennsylvania For Regulating The Disposal Of Municipal Solid Waste From The Township Set To Expire On April 7, 2017 For An Additional Twenty-Five (25) Years

The Delaware County Solid Waste Authority has contacted the municipalities that use their solid waste facilities in regards to an extension of their disposal contract. They County is requesting that we amend our current ordinance to extend our contract for an additional twenty five years starting in 2017. This allows the County to plan for future needs, and provides the Township with a stable means of disposing of solid waste. The contract can be cancelled, should the Township wish to do so, as noted in the Ordinance. Solicitor Rice has prepared the Ordinance based on the Township's and County's requirements. This Ordinance is being introduced tonight for your review and comment.

RESOLUTION NO. 2016-79

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE
COUNTY, PENNSYLVANIA, AWARDED THE DESIGN
CONTRACT FOR THE MITIGATION OF THE HIGHVIEW
DRIVE OUTFALL TO CH2M, INCORPORATED**

WHEREAS, the Township's storm sewer outfall at the rear of 31 Highview Drive has caused severe erosion

WHEREAS, said erosion has created a safety hazard and undermined the out fall pipe, causing it to be separated

WHEREAS, the Stormwater Management Advisory Committee requested that CH2M provide a proposal for the design of a repaired outfall

WHEREAS, CH2M, Incorporated, has provided a proposal to mitigate the eroded outfall

NOW, THEREFORE, be it **RESOLVED** by the Board of Commissioners of Radnor Township does hereby Award the Design Contract for the Mitigation of the Highview Drive Outfall to CH2M, Incorporated, in the amount of \$46,150

SO RESOLVED this 27th day of June, A.D., 2016

RADNOR TOWNSHIP

By: _____

Name: Phillip M. Ahr
Title: President


ATTEST:

Robert A. Zienkowski
Manager/Secretary

Radnor Township
PROPOSED LEGISLATION

DATE: June 20, 2016

TO: Radnor Township Board of Commissioners

FROM: Stephen F. Norcini, P.E., Director of Public Works 

CC: Robert A. Zienkowski, Township Manager
William R. White, Finance Director
Melissa Conn, Sealed Bidding and Procurement Manager

LEGISLATION: Resolution #2016-79: Awarding the Design Contract for the Mitigation of the Highview Drive Outfall to CH2M, Incorporated.

LEGISLATIVE HISTORY: This topic has not been before the Board of Commissioners previously.

PURPOSE AND EXPLANATION: At 31 Highview Road, there is an existing stormwater inlet at a low point in the street. This inlet discharges to an outfall pipe at the rear of #31 Highview Lane. Over a period of many years, this outfall pipe has caused a serious erosion issue, eroding a channel that is over ten feet deep. Aside from the safety issue that has become a large concern for the residents that abut the outfall, sections of pipe have become disconnected due to being undermined. This issue has been before the Stormwater Management Advisory Committee (SWMAC) on several occasions, and the SWMAC directed Dan Wible of CH2M to prepare a proposal to mitigate the situation. I worked with Dan regarding the scope of the project. The proposal put forth by CH2M (attached) will provide the following: field survey, infiltration test to possibly install a SW BMP to reduce volume to the outfall, easement (temporary and permanent) descriptions, permitting, design, bidding documents, and estimates of construction costs. Please see the attached proposal for the full details.

IMPLEMENTATION SCHEDULE: If approved by the Board of Commissioners, CH2M, Incorporated will begin work immediately.

FISCAL IMPACT: This design project, costing \$46,150, is funded solely by the "04" stormwater fund.

RECOMMENDED ACTION: *I respectfully request the Board of Commissioners Award the Design Contract for the Mitigation of the Highview Drive Outfall to CH2M, Incorporated, in the amount of \$46,150.*

MOVEMENT OF LEGISLATION: It is being requested the Board of Commissioners approve the attached resolution.

Radnor Township
Proposal for Design of Outfall Stabilization at
31 Highview Drive

Submitted June 20, 2016

Prepared by:



Amendment 5 – Outfall Stabilization Design for 31 Highview Drive, Wayne, PA

PREPARED FOR: Steve Norcini, Director Public Works
CLIENT NAME/ADDRESS Radnor Township, 301 Iven Avenue, Wayne, PA 19087
COPY TO:
PREPARED BY: Daniel Wible, CH2M
DATE: June 20, 2016
PROJECT NUMBER: 660580
REVISION NO.: 0

The following changes to the Standard Agreement for Professional Services (Agreement) are hereby ordered and shall be incorporated by reference to the Agreement April 6, 2015, between CH2MHILL Engineers, Inc. and Radnor Township, PA (Client). The Agreement is Amended as follows:

Scope

Under the following scope of work, CH2M will develop construction documents (drawings and specifications) in an effort to address a severely eroded stormwater outfall on the property of 31 Highview Drive, Wayne. Specifically, CH2M will conduct the following four tasks:

- Task 1 – Field Survey and Geotechnical Investigation
- Task 2 – Preliminary Design
- Task 3 – Construction Documents
- Task 4 – Permitting

Task 1 – Field Survey and Geotechnical Investigation

Under this task, CH2M's sub-consultant, Dawood, will conduct a field survey of the eroded stormwater outfall. The survey will also include part of Highview Drive in front of 31 Highview Drive, the driveway on 31 Highview Drive, and additional area below and adjacent to the outfall as depicted in Figure 1. As part of its field surveying services, Dawood will also conduct courthouse research for 31 Highview Drive and the adjoining property as relevant to the completion of the boundary survey.

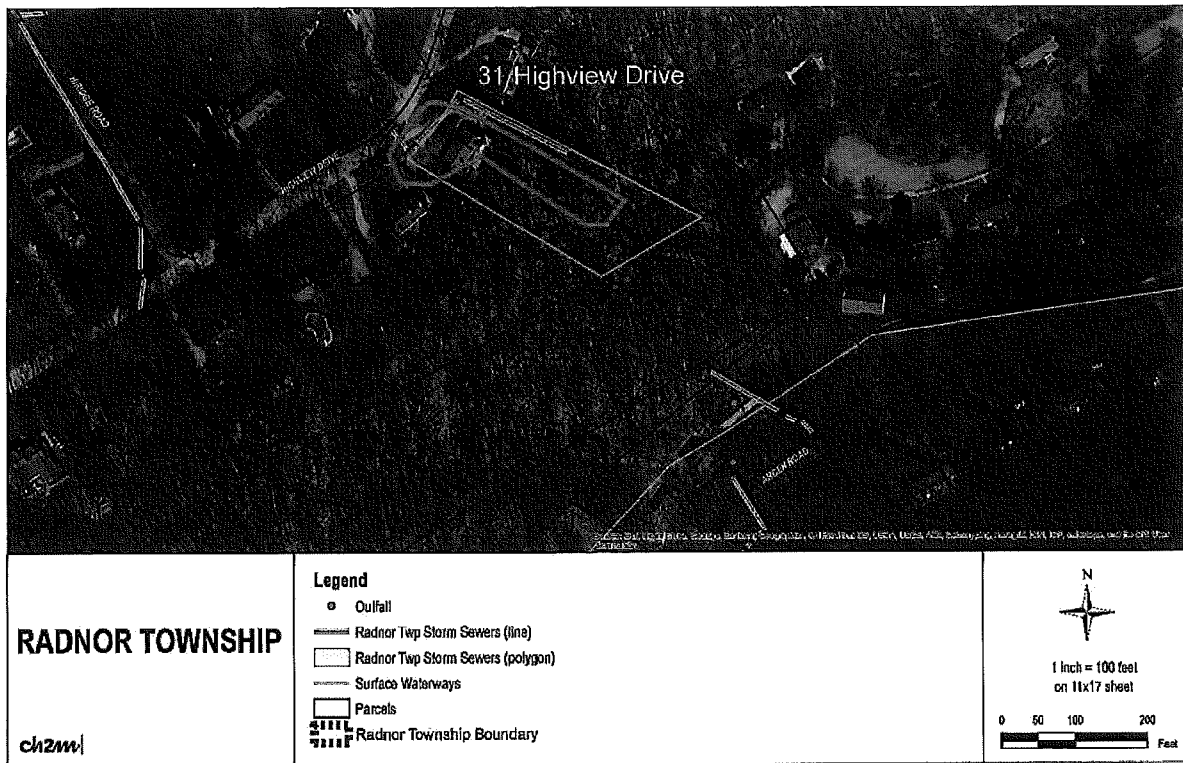


Figure 1. Approximate Survey Extents (solid red line) at 31 Highview Drive, Wayne

In addition to field surveying services, Dawood will also conduct one infiltration test on Highview Drive, directly in front of 31 Highview Drive. The purpose of the infiltration test is to determine the feasibility of implementing a stormwater infiltration / storage trench in Highview Drive that would help to reduce the volume of runoff discharging from the existing eroded outfall.

See attached for Dawood's detailed proposal for field survey and geotechnical services, and associated assumptions. This task also entails one site visit by CH2M staff and one meeting with Township staff.

Task 2 – Preliminary Design

In this task, CH2M will develop a preliminary (30%) design drawing for the subject site. Based on CH2M's understanding of the eroded outfall, the likely potential solution will entail extending the outfall pipe down the slope, backfilling and stabilizing the area above and around the extended pipe, and providing stabilization at the new pipe outfall, whether by plunge/step pool(s), rip-rap, or other similar types of stabilization measures.

In addition to the outfall stabilization, CH2M will also investigate opportunities to reduce the volume and/or peak rate of runoff being conveyed to the outfall. One opportunity that will be explored is the construction of a stormwater infiltration / storage trench on Highview Drive, directly in front of 31 Highview Drive. A trench at that location would be well positioned to capture, retain, and potentially infiltrate runoff that would otherwise be conveyed to the eroded outfall unmitigated. The feasibility of this trench will be informed by the geotechnical investigation that will be performed in Task 1.

CH2M will prepare a Class 3 construction cost estimate for the preliminary design. Class 3 is defined by the American Association of Cost Engineering (AACE), 2005, to be accurate to +30% to -20% based up to a 40% complete project definition.

This task also entails one meeting with the owners of 31 Highview Drive, one presentation to the Radnor Township Board of Commissioners, and one presentation to the Stormwater Management Advisory Committee (SWMAC).

Deliverables:

- Preliminary design drawing depicting proposed outfall stabilization and, if feasible, the infiltration / storage trench on Highview Drive

Task 3 – Construction Documents (Outfall Stabilization and Infiltration Trench)

In this task, CH2M will prepare construction documents (drawings and specifications) at both the 60% and 100% completion levels. The construction documents will incorporate comments on the preliminary design made by Township staff, SWMAC, and the Board of Commissioners. In addition to drawings depicting the proposed improvements at the stormwater outfall and on Highview Drive, the construction documents will include erosion and sediment control, site restoration, paving, landscaping, and removal / replacement of the existing shed on 31 Highview Drive above the outfall.

CH2M will prepare a Class 1 construction cost estimate for both the 60% and 100% submissions. Class 1 as defined by the American Association of Cost Engineering (AACE), 2005. It is considered accurate to +15% to -10% based on 50-100% complete project definition.

Between the 60% and 100% submissions, CH2M will meet with Township staff to discuss their review of the 60% construction documents.

CH2M and/or its sub-consultant, Dawood, will also prepare legal descriptions for both temporary (access) and permanent easements required for this project.

Deliverables:

- 60% Construction Documents (drawings and technical specifications)
 - An electronic copy of the documents will be circulated. Two hard copies of 11-inch x 17-inch sets of the drawings will be submitted for Township review.
- 100% Construction Documents (drawings and technical specifications)
 - An electronic copy of the documents will be circulated. Two hard copies of the drawings and specifications will be submitted to the Township for bidding purposes.

Task 4 – Permitting

The permitting portion of this project will address the following:

- Erosion and sediment control permit application process through the Delaware County Conservation District.
- Radnor Township grading permit

Assumptions:

The scope and fee for this work includes the following assumptions:

1. The construction documents will be prepared for one construction package.

2. Township will provide "front-end" contractual documents, including general and special conditions, bid form, bond forms, etc in word format.
3. CH2M is not responsible for the review time needed by local or federal agencies to review permit applications.
4. The Township will make its facilities accessible to CH2M, as required for CH2M's performance of its services.
5. The timing for completion of design and construction is contingent on the response of any stakeholders for design and permitting review within the estimated time frames.
6. Services during construction are not included in this scope of work or fee estimate.
7. The proposed fee estimate does not include any permit fees. CH2M also assumes that the only permit potentially required for this project is an erosion and sediment control permit through the Delaware County Conservation District.
8. In soils, foundation, groundwater, and other subsurface investigations, the actual characteristics may vary significantly between successive test points and sample intervals and at locations other than where observations, exploration, and investigations have been made. Because of the inherent uncertainties in subsurface evaluations, changed or unanticipated underground conditions may occur that could affect total project cost and/or execution. These conditions and cost/execution effects are not the responsibility of CH2M.

Anticipated Schedule

Field Survey	30 days from Notice to Proceed (NTP)
Geotechnical Investigation	30 days from NTP
Preliminary Design	50 days from NTP
60% Construction Documents	80 days from NTP
100% Construction Documents	125 days from NTP

Compensation

Table 1 provides the budget for this proposed task.

Table 1. Proposed Budget

Task Description	Total Hours (not including Dawood)	Expense (including subs)	Labor (CH2M only)	Total Task Cost
Task 1 – Field Survey and Geotechnical Investigation	20	\$10,130	\$2,917	\$13,047
Task 2 – Preliminary Design	75	\$75	\$9,112	\$9,187
Task 3 – Construction Documents	153	\$575	\$18,877	\$19,452
Task 4 – Permitting	33	\$50	\$4,414	\$4,464
Total	281	\$10,830	\$35,320	\$46,150

Attachment

Dawood proposal for professional survey and geotechnical services dated May 26, 2016

Other Terms

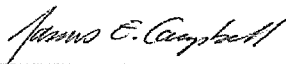
None.

All terms and conditions of the April 6, 2015, Agreement between Radnor Township and CH2M HILL shall remain in full force and effect unless specifically modified herein.

Contract Amount	
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Original	\$ 202,404
Previous Amendments (+)	\$ 329,094
This Amendment (No. 5) (+)	\$ 46,150
Revised Authorized Amount	\$ 577,648

By signature below, Client and CH2M HILL agree that this Amendment constitutes full and complete modifications to this Agreement related to the issues giving rise to this Amendment.

CH2M HILL		CLIENT	
Signature		Signature	_____
Name (Printed)	Jed Campbell	Name (printed)	Stephen Norcini, PE
Title	Vice-President	Title	Director of Public Works and Engineering, Radnor Township
Date	20 June 2016	Date	_____



June 20, 2016

CH2M
1717 Arch Street, Suite 440
Philadelphia, PA 19103-3916

Attn: Daniel Wible, PE

Re: **Request for Proposal for Surveying Services**
Topo Survey & Infiltration Testing
Dawood Proposal No. P16138.01 (revised)

Dear Mr. Wible,

Dawood Engineering, Inc. (Dawood) is pleased to present this proposal to provide survey services and infiltration testing services for the property located at 31 Highview Drive in Wayne, PA.

Below is an outline of our services in conformance with your request and the scope of work for this project, including fees and schedule to perform the services.

I. **SCOPE OF SERVICES**

A. **Topographic Survey**

Dawood will conduct a topographic survey of the herein referenced property. Dawood will conduct research at the Delaware County courthouse pertinent to the property. Dawood will then perform a field survey locating all found monumentation and field evidence. Dawood will compile all of this field evidence in the office and produce a base drawing at an appropriate scale. The resulting drawing will include the following (minimum):

- o Location of the property line(s) in the near vicinity of the drainage swale
- o Names and deed references of all adjoining property owners (at the present time)
- o Appropriate survey notes

The horizontal datum of the survey will be based on the Pennsylvania State Plane Coordinate system.

The boundary survey effort included in this proposal will be limited to the determination of property lines in the near vicinity of the drainage pipe and swale. If any overlaps, gores or gaps are discovered during the process of this survey, the client will be notified immediately before any further work is performed.

B. Legal Descriptions

Dawood will provide legal descriptions for temporary and/or permanent easements to be obtained by the municipality. The descriptions will provide the descriptive text necessary for inclusion into legal documents prepared by others. Included with each legal description will be a graphical exhibit showing the easement.

C. Infiltration Tests

Dawood has engaged Eichelbergers, Inc. to perform two (2) borehole infiltration tests in the area of the inlet on Highview Drive (within the ROW) from where the drainage pipe in question exits. The tests will be performed according to the guidelines of the PWD GSI Geotechnical Testing Guidelines for similar type GSI installations as are being considered by Radnor Township to alleviate the erosion condition at the pipe outlet.

Eichelbergers, Inc. will:

- Notify the Radnor Township Superintendent of Operations, Paul Basik, about proposed schedule of testing and any special Township concerns.
- Perform all PA One Call notifications, traffic control operations, safety and protection of street and ROW and restoration.
- Perform two (2) borehole infiltration tests (bentonite casing method) at the locations determined in conjunction with CH2M at the site.
- SPC sampling and lab classification.
- Results of infiltration testing and lab classification in report form.

D. Project Deliverables

Dawood's final deliverables to the client will include the following:

- A Base Plan, as described herein, drawn at an appropriate scale.
- A CAD file of the base drawing, as described herein.
- Legal Descriptions of the required easements
- Results of infiltration testing and lab classification in report form.

E. Proposal Assumptions

The following assumptions were made and are the basis for this proposal:

- The subject property is located adjacent to 31 Highview Drive, in Radnor Township, Delaware County PA. The specific area of interest is as shown in red on the image included with an email to Dawood dated April 26, 2016.
-

- A title report is not to be provided to Dawood. Dawood will coordinate the appropriate services for a title report to be obtained for the subject property. Dawood will conduct supplemental courthouse research for the subject property and associated adjoining property as relevant to the completion of the boundary survey.
- Location of topographic features on the premise will be performed by Dawood. Interval of contours to be shown shall be one (1) foot.
- Dawood will perform a PaOne Call on the subject premises. As applicable, utility information, including rights of way or easements, which may exist on the properties will be located during the survey. This information will be limited to documents uncovered during the deed research.
- A CAD file (AutoCAD compatible) is to be provided. Dawood will provide the client with a PDF of the plan, if requested. All other digital files, field notes and reference data collected, generated or utilized during the project remain the property of Dawood Engineering. Release of the data obtained during the course of this survey will be restricted without expressed consent of the client.
- All work to be performed will be completed in accordance with the latest edition of the *Manual of Practice for Professional Land Surveyors in the Commonwealth of Pennsylvania*, as prepared by the Pennsylvania Society of Professional Land Surveyors, as applicable.
- **No field stakeout of missing property corners is included at this time;** if the client wishes missing property corners to be set, a separate proposal will be provided at that time.

II. PROPOSED COSTS

Dawood proposes to perform the above referenced survey services in Section A (Topographic Survey) for lump sum cost of:

\$ 5,800.00

Dawood proposes to obtain a title report for the subject property as referenced in the survey services in Section A (Topographic Survey) for an estimated cost of:

\$ 500.00

Request for Proposal for Surveying Services
Topographic Survey
May 26, 2016
REVISED JUNE 20, 2016
Page 4

Note: this cost is estimated. The actual cost to the client will be submitted for individual approval prior to having the report generated.

Dawood proposes to perform the above referenced survey services in Section B (Legal Descriptions) for lump sum cost of:
\$ 225.00 per description

Direct Costs-Infiltration Testing:
Eichelbergers, Inc.: **\$3,400 + 2 lab tests @ \$190/test = \$3780**

TOTAL COST: \$9,580 + \$500 (estimated) + \$225 per description (noted above)

III. SCHEDULE

Prior to the start of work, the property owner will provide Dawood with a written notice to proceed. Return to Dawood of an executed copy of this proposal will be considered as such. This will also be considered as permission to access the subject property. The base survey plan and infiltration testing report will be provided to the client within thirty (30) business days of the Notice to Proceed.

If any additional services are required beyond this proposal, an addendum to this contract will be issued. The client shall approve and authorize all additional work prior to commencement.

Please review the attached Standard Terms and Conditions, as they will become part of the contract between Client and Dawood. If this fee and proposal are acceptable, please indicate your acceptance by signing the proposal below.

Dawood looks forward to working with you on this important project. If you have any questions regarding this proposal, please do not hesitate to call our office.

Sincerely,
Dawood Engineering, Inc.



Scott R. Reeser, P.L.S.
Survey Services Operations Manager

This proposal is accepted by:

Name: _____ Title: _____



Excellence Delivered *As Promised*

Date: June 22, 2016
To: Stephen Norcini, P.E. – Director of Public Works
From: Roger Phillips, PE
cc: Robert Zienkowski – Township Manager
RE: Radnor Township Stormwater Improvements – Radnor Middle School Connection

INTRODUCTION:

Gannett Fleming, Inc. is pleased to provide this memorandum outlining the utility conflicts pertaining to the Radnor Middle School Connection project. As documented in the CH2M memorandum dated February 10, 2016, the Middle School stormwater system was not completed due to unforeseen utility conflicts on South Wayne Avenue. Gannett Fleming, Inc. has completed a due diligence investigation to determine the existing utility conflicts associated with completing the connection from West Wayne Avenue to the existing Radnor Middle School system. At the direction of the Township’s Stormwater Management Advisory Committee (SWMAC), the proposed storm sewer alignment considered for this investigation consisted of a 36-inch RCP connection beginning at an existing inlet on the north side of West Wayne Avenue that crosses South Wayne Avenue before connecting to the existing Middle School system at an inlet located within School House Lane. This storm sewer alignment is located north of the previous layout that was not constructed.

UTILITY CONFLICTS:

Based on the responses from the design one-call and ongoing communication with the affected utility owners, Gannett Fleming, Inc. has compiled an exhibit detailing all the affected utilities and their respective owner in the area of the proposed pipe connection (see attached “Utility Conflict Summary”). Additionally, a preliminary sketch was prepared to illustrate the proposed alignment and profile. Many of the utility owners do not have sufficient records to confidently provide locations and depths of their existing facilities that would be affected by the proposed pipe connection. To date, Gannett Fleming has determined that there are at least 16 potential utility crossings between West Wayne Avenue to the existing Middle School system through South Wayne Avenue. The utilities conflicts are as follows:

Table with 6 columns: CONFLICT NO, CONFLICT TYPE, TOP OF 36" PIPE ELEV., UTILITY ELEV., BOTTOM OF 36" PIPE ELEV., APPROX. CLEARANCE. Rows 1-3 detailing crossing and nearby conflicts.



4	Crossing ¹	374.6	373.8 TOP	371.3	None
5	Crossing ¹	374.6	373.8 TOP	371.3	None
6	Nearby ²	374.8	371.0 TOP	371.5	None
7	Crossing	375.4	375.4 TOP	372.1	None
8	Crossing	375.5	Inv. 370.92	372.2	10" Clearance
9	Crossing	375.6	Inv. 374.86	372.3	None
10	Crossing ¹	375.6	376.5 TOP	372.3	None
11	Crossing ¹	375.7	376.4 TOP	372.4	None
12	Crossing ¹	375.8	376.0 TOP	372.5	None
13	Crossing ¹	375.8	375.5 TOP	372.5	None
14	Crossing ¹	376.4	376.0 TOP	373.1	None
15	Crossing ¹	376.9	376.5 TOP	373.2	None
16	Crossing ¹	376.8	376.0 TOP	373.5	None
17	Crossing ¹	376.8	376.6 TOP	373.5	None
18	Crossing	377.0	Inv. 370.9	373.7	12" Clearance

Notes:

1. The utility owner was unable to provide historical records indicating depth information. "Center of Utility Elevation" as indicated in chart is based on typical depths required during installation according to the facility owner. Many of the facility owners' advised that a subsurface investigation would be required to be completed at the cost of the Township.
2. The proximity of the facility may create horizontal clearance issues during installation.

SITE CONSTRAINTS

The investigation of the utility conflicts further revealed additional site considerations creating significant challenges to completing the connection. The existing inlet within School Lane is located at what appears to be too shallow of a depth for the proposed storm sewer alignment connection. The proposed alignment was designed at minimum slope (0.005 FT/FT) to ensure adequate cover above the pipe was achieved. The result is the proposed storm sewer alignment would connect into the existing inlet at an elevation below the invert out into the Middle School system. Connecting at a higher elevation would require a reduction in pipe diameter in order to provide adequate cover over the proposed pipe.

CONCLUSION:

Based upon the result of the due diligence investigation, the following conclusions are made to Radnor Township:

1. There are at least 16 utility crossings that would need to be resolved to achieve the proposed connection. Many of the utility owners have indicated that their historical records are insufficient with regards to existing depths and would require the Township to complete a subsurface investigation to confirm/identify the missing information at the cost of the Township.
2. The utility conflicts involving Verizon and AT&T would involve the relocation of fiber optic duct banks, and these utility are typically not inclined to relocate their facilities due to the significant costs involved. The fiber optic duct banks cross School Lane to the west of the existing inlet leading into the Middle School system. Any proposed storm sewer alignment that connects into this inflow point would be impacted by this crossing.

Gannett Fleming

3. Per the CH2M memorandum, the proposed 36" RCP storm sewer connection would reduce the 2-year, 24-hour flood volume in the vicinity of the Middle School by around 65%. Due to the above mentioned site constraints, reducing the size of the conveyance piping may be a future alternative that the Township may wish to consider. Please note that we would not recommend reducing the size of the conveyance pipe without further study of the model prepared by CH2M to determine the relative effect on flood volume. Even without the benefit of the CH2M model, we would expect that any reduction in the conveyance piping diameter would result a smaller percentage of the 2-year, 24-hour storm flood volume being managed. Additionally, the reduced size conveyance piping will require many of the same utility conflicts to be resolved.

At this time, we would not recommend the implementation of this project and creating design documents for Radnor Township due to the anticipated expense of the utility relocation while reducing the realized stormwater benefit.

If you have any questions or require any additional information, please contact me.

Very truly yours,

GANNETT FLEMING, INC.



Roger A. Phillips, P.E.
Senior Project Manager

Enclosure:

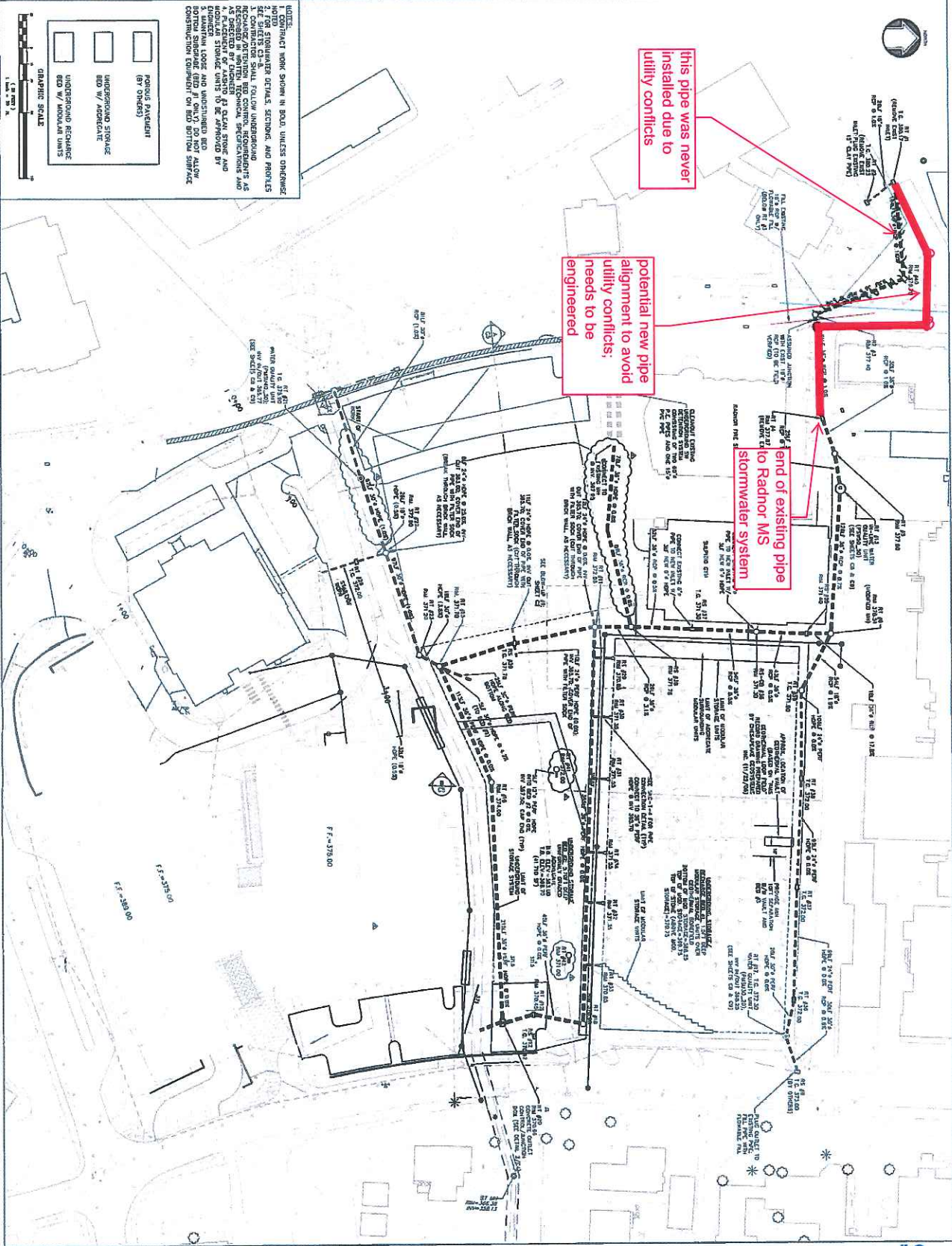
1. Proposed Pipe Layout as shown on Sheet C1.0 provided by Cahill Associates
2. Profile Sketch as shown on Sheet C-001 prepared by Gannett Fleming
3. Utility Conflict Summary prepared by Gannett Fleming



UTILITY CONFLICT SUMMARY

Radnor Middle School Connection Project - Radnor Township

CONFLICT NO	CONFLICT TYPE	STATION	UTIL. NAME	UTIL. TYPE	SIZE	DEPTH/ COVER	Contact Name	Contact E-Mail
1	Crossing	0+69.9	Verizon	Communications	14"Wx13"H	2.7' Cover	Deborah Barum	deborah.d.delia@verizon.com
2	Crossing	0 +86.4	Township	Sanitary Sewer	15" PVC	Inv. 369.1	Steve Norcini	snorcini@radnor.org
3	Nearby	1+03.0	Verizon	Communications	14"Wx13"H	2.8' cover	Deborah Barum	deborah.d.delia@verizon.com
4	Crossing	1+37.7	Aqua PA	Water	Unknown	Unknown	Steve Pizzi	spizzi@aquaaamerica.com
5	Crossing	1+38.7	Aqua PA	Water	Unknown	Unknown	Steve Pizzi	spizzi@aquaaamerica.com
6	Nearby	1+58.2	Verizon	Communications	14"Wx13"H	3.2' Cover	Deborah Barum	deborah.d.delia@verizon.com
7	Crossing	1+58.2	Verizon	Communications	14"Wx13"H	3.2' Cover	Deborah Barum	deborah.d.delia@verizon.com
8	Crossing	1+69.0	Township	Sanitary Sewer	15" PVC	Inv. 370.9	Steve Norcini	snorcini@radnor.org
9	Crossing	1+73.6	Township	Storm Sewer	24" Channel	Inv. 374.9	Steve Norcini	snorcini@radnor.org
10	Crossing	1+74.0	Aqua PA	Water	6" C.I.	Unknown	Steve Pizzi	spizzi@aquaaamerica.com
11	Crossing	1+77.2	PECO	Gas	6" PIPE	Unknown	Nikkia Simpkins	NIKKIASIMPKINS@USIC.COM
12	Crossing	1+84.2	AT&T	Communications	Unknown	Unknown	Lou Marello	LM5215@ATT.COM
13	Crossing	1+84.5	Aqua PA	Water	8" C.I.	Unknown	Steve Pizzi	spizzi@aquaaamerica.com
14	Crossing	2+0.6	PECO	Electric	4.5"W x 4"H	Unknown	Nikkia Simpkins	NIKKIASIMPKINS@USIC.COM
15	Crossing	2+13.5	PECO	Gas	4" PIPE	30" Cover	Nikkia Simpkins	NIKKIASIMPKINS@USIC.COM
16	Crossing	2+17.6	Verizon	Communications	Unknown	Unknown	Deborah Barum	deborah.d.delia@verizon.com
17	Crossing	2+26.1	Aqua PA	Water	Unknown	Unknown	Steve Pizzi	spizzi@aquaaamerica.com
18	Crossing	2+45.6	Township	Sanitary Sewer	12" PVC	Inv. 370.9	Steve Norcini	snorcini@radnor.org



UNLESS OTHERWISE NOTED, CONTRACT WORK SHOWN IN BOLD, UNLESS OTHERWISE NOTED. PROVIDER DETAILS, SECTIONS, AND FINISHES SET OUT IN C.S. 1.1. CONTRACTOR SHALL FOLLOW UNDERGROUND UTILITY RECORDS AND FIELD SURVEY TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES.

	PERIODIC PAVEMENT (BY OTHERS)
	UNDERGROUND STORAGE BED W/ AGGREGATE
	UNDERGROUND RECHARGE BED W/ MODULAR UNITS



CEMEX ASSOCIATES
 Environmental Engineers
 104 S. High Street
 West Chester, PA 19382
 Phone: (610) 691-5100
 Fax: (610) 691-5000

Radnor
 Middle School
 150 Louella Ave.
 Wayne, PA 19087

TOWNSHIP
 STORMWATER
 PLAN

C1.0

DATE: 1-1-20
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 APPROVED BY: [Name]