



TOWNSHIP OF ABINGTON

PUBLIC WORKS COMMITTEE

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

A G E N D A **March 6, 2019** **7:00 P.M.**

1. CALL TO ORDER
2. ROLL CALL
3. CONSIDER APPROVAL OF MINUTES

a. Motion to approve Committee Meeting minutes of February 6, 2019

4. PRESENTATION
5. UNFINISHED BUSINESS
6. NEW BUSINESS

PUBLIC WORKS COMMITTEE *COMMISSIONER DREW ROTHMAN, CHAIR*

- a. **PW-01-031419** Consider a motion to accept the 2018 Montgomery County Transportation Program Implementation Grant and authorize the Township Manager, to execute the grant agreements between the County of Montgomery and Abington Township for:

Project Number: TP-18-01-009 - 2017 Green Light Go Grant - Fitzwatertown/Woodland/North Hills Signal Upgrade Project

Project Number: TP-18-01-001 - 2018 Green Light Go Grant - Greenwood Avenue/Washington Lane and Jenkintown Road/Meetinghouse Road Signal Upgrade Project

- b. **PW-02-031419** Consider a motion to award Eureka Stone Quarry, Inc. as lowest responsible bidder of Part 1 and Part 3 of the Super-Pave Bid and to authorize the Township Manager to execute a contract with Eureka Stone Quarry, Inc. in the amount of \$1,100,850.00 for the purchase and delivery of Super-Pave paving materials as per bid specifications.

Consider a motion to award Glasgow, Inc. as lowest responsible bidder of Part 2 of the Super-Pave Bid and to authorize the Township Manager to execute a contract with Glasgow, Inc. in the amount of \$28,020.00 for the purchase of Super-Pave paving materials as per bid specifications.



TOWNSHIP OF ABINGTON

PUBLIC WORKS COMMITTEE

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A G E N D A **March 6, 2019** **7:00 P.M.**

- c. **PW-03-031419** Consider a motion to award Delaware Valley Concrete Co., Inc. as lowest responsible bidder and to authorize the Township Manager to execute a contract with Delaware Valley Concrete Co., Inc. in the amount of \$7,000.00 for the purchase and delivery of Ready Mix Concrete as per the bid specifications.
- d. **PW-04-031419** Consider a motion to award Commonwealth Precast, Inc. as the lowest responsible bidder for the 2019 Storm Sewer Inlets and Manhole Structures Bid and authorize the Township Manager to execute a contract for \$2,415.00 with Commonwealth Precast, Inc.
- e. **PW-05-031419** Consider a motion to award A. Giuliani & Co., Inc. as the lowest responsible bidder for the Abington Township 2019 Milling Project Bid and to authorize the Township Manager to execute a contract with A. Giuliani & Co., Inc. in the amount of \$466,741.96 for the milling of various township roads as per bid specifications.
- f. **PW-06-031419** Consider a motion to approve Resolution #19-012 a Resolution of Abington Township, County of Montgomery, Commonwealth of Pennsylvania, establishing a procedure to vacate roadways.

7. PUBLIC COMMENT

8. ADJOURNMENT



PUBLIC WORKS COMMITTEE

AGENDA ITEM

February 20, 2019

PW-01-031419

DATE

AGENDA ITEM NUMBER

Public Works

DEPARTMENT

FISCAL IMPACT

Cost > \$10,000.

Yes

No

PUBLIC BID REQUIRED

Cost > \$20,100

Yes

No

AGENDA ITEM:

2018 Montgomery County Transportation Program Implementation Grant Acceptance and Authorization to Execute Agreements

EXECUTIVE SUMMARY:

On August 30, 2018 two grant application forms were submitted seeking funding through the County Transportation Grant Program for a 2018 Green Light Go award for the intersections of Greenwood Avenue/Washington Lane and Jenkintown Road/Meetinghouse Road and a 2017 Green Light Go award for the intersection of Fitzwatertown Road and North Hills Avenue/Woodland Road.

November 9, 2018 the Montgomery County Commissioners announced the 2018 Grant Cycle Awards, awarding Abington Township funds to match the municipality's local matching contributions to approved PennDOT Green Light Go projects in the amounts of \$53,570.00 for the Greenwood Avenue/Washington Lane and Jenkintown Road/Meetinghouse Road 2018 Green Light Go Project and \$37,310.00 for the Fitzwatertown Road and North Hills Avenue/Woodland Road 2017 Green Light Go Project.

PREVIOUS BOARD ACTIONS:

Resolution No. 18-035 approved by the Board of Commissioners August 9, 2018 Authorizing the submission of a grant application for the 2018 round of the County Transportation Program for the 2018 Green Light Go Grant awarded by PennDOT for the intersection improvements of Greenwood Avenue/Washington Lane and Jenkintown Road and Meetinghouse Road.

Resolution No. 18-036 approved by the Board of Commissioners August 9, 2018 Authorizing the submission of a grant application for the 2018 round of the County Transportation Program for the 2017 Green Light Go Grant awarded by PennDOT for the intersection improvements of Fitzwatertown Road and Woodland Road/North Hills Avenue.

RECOMMENDED BOARD ACTION:

Motion to accept the 2018 Montgomery County Transportation Program Implementation Grant and authorize the Township Manager, Richard J. Manfredi, to execute the grant agreements between the County of Montgomery and Abington Township for:

Project Number: TP-18-01-009 - 2017 Green Light Go Grant - Fitzwatertown/Woodland/North Hills Signal Upgrade Project

Project Number: TP-18-01-001 - 2018 Green Light Go Grant - Greenwood Avenue/Washington Lane and Jenkintown Road/Meetinghouse Road Signal Upgrade Project

From: noreply@civicplus.com
Sent: Thursday, August 30, 2018 12:00 PM
To: Kuhner, Anton
Subject: Online Form Submittal: 2018 County Transportation Program - Grant Application Form

2018 County Transportation Program - Grant Application Form

*Please complete this application form and attach the PDF of supporting documentation, then choose the **Submit button** at the bottom of the form.*

Applicant and Contact Information

| | |
|--------------------------|-------------------|
| Applicant (Municipality) | Abington Township |
|--------------------------|-------------------|

| | |
|--------------------------------|----------------|
| Name of Chief Elected Official | Wayne C. Luker |
|--------------------------------|----------------|

| | |
|--------------------------------------|------------------|
| Name of Chief Municipal Staff Person | Richard Manfredi |
|--------------------------------------|------------------|

| | |
|---|------------------|
| Primary Contact Person for this Project | Richard Manfredi |
|---|------------------|

| | |
|--------------------------------|------------------|
| Primary Contact Person's Title | Township Manager |
|--------------------------------|------------------|

| | |
|-----------------|--------------------|
| Mailing Address | 1176 Old York Road |
|-----------------|--------------------|

| | |
|------|----------|
| City | Abington |
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| State | PA |
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|-----|-------|
| Zip | 19001 |
|-----|-------|

| | |
|-----------|--------------|
| Telephone | 267-536-1000 |
|-----------|--------------|

| | |
|-------|------------------------|
| Email | rmanfredi@abington.org |
|-------|------------------------|

| | |
|--|-----------------------------|
| List any partners or third parties involved with the project | <i>Field not completed.</i> |
|--|-----------------------------|

Funding Request Information

| | |
|--|--|
| What is the official name of this project? | Fitzwatertown Rd (SR 2038) & Woodland Rd/North Hills Signal Upgrade |
| In which municipality(ies) is this project located? | Abington and Upper Dublin Township |
| Provide a project location (street address, intersection, limits) | Intersection of Fitzwatertown Road and North Hills Avenue\Woodland Road |
| This project was awarded a PennDOT Green Light-Go Program grant in: | 2017 |
| What was the total amount of the PennDOT Green Light-Go Program grant award? | \$298,480 |
| What was the municipal match requirement of the PennDOT Green Light-Go Program grant award? | \$74,620 |
| What is the requested County Transportation Program grant amount? (Up to 50% of the municipal match amount, not to exceed \$100,000 for single municipalities and \$200,000 for multi-municipal efforts) | \$37,310 |
| Provide a brief description of this project. | Abington Township is seeking funding through the County Transportation Program (CTP) for a 2017 Green Light Go award at the intersection of Fitzwatertown Road and North Hills Avenue\Woodland Road. The traffic signal equipment at the intersection is older equipment and in need of replacement. The use of outdated equipment results in equipment malfunctions and ongoing re-cutting and replacement of detection loops when they break during changes in weather and/or utility maintenance. The mastarms are TC-7800 standards with some segmented poles and several poles are damaged and rusty. Additionally, the lead left phase for eastbound Fitzwatertown Road does not follow current MUTCD and PennDOT standards for signal indications for Protected/Permissive Mode Left Turn Movements. Current standards require the green arrow to be followed by a yellow |

arrow before proceeding to the circular green indication. The existing intersection does not have emergency pre-emption and lacks large overhead street name signs. Also, the intersection has pedestrian crossings at the intersection but the ADA ramps do not meet the current standards. This project includes the full modernization at the intersection, with the following improvements: • The installation of the new mastarms on all corners, signal heads, countdown pedestrian signals, and controllers will replace aged signal equipment. • Installation of video detection and radar dilemma zone detection • Installation of new controller assembly with battery back-up • Installation of ten (10) ADA ramps

What is the estimated construction start date? Spring 2019

What is the estimated construction completion date? Summer 2019

Has this project, or a related project, previously received county funding? No

Expected life of improvement? With the Township conducting proper maintenance, as specified in PennDOT Publication 191, the anticipated life expectancy is approximately 20 years.

Project Narrative

*A project narrative, including maps, plans, photos, and other attachments must be uploaded. The narrative must include the information listed below in a numbered report that follows the order outlined. **This completed form and all attachments should be grouped into a single PDF file no larger than 15 MB and given a name in the following format: (municipal name)_(project name)_CTP2018.pdf*** “

Project Narrative File Project Narrative.pdf
Upload

1. Provide a complete narrative description of the project and its expected benefits. As part of this description, address the following points, which will be used to review and score projects:

*a. **Project Impact** – Describe the extent of the project’s benefit, transformative ability, longevity, and visibility to the general public.*

*b. **County Planning Consistency** – Discuss the project’s compatibility with Montco 2040, its location in a municipality with a county planning assistance contract (if applicable), and its proximity or connection to other county-owned assets.*

*c. **Local Planning Consistency** – Discuss the project's compatibility with local comprehensive plans, individual transportation project plans/studies, or Act 209 Transportation Impact Fee studies.*

*d. **Project Readiness** – Describe the project's status towards implementation, including whether design and engineering work are completed, all necessary permits and clearances have been obtained, and whether any other agencies have been contacted for coordination work.*

*e. **Funding** – List the received funding amount from PennDOT, the committed municipal match amount, and whether the municipality has an Act 209 transportation impact fee ordinance in effect. Also explain how the savings realized by receiving this grant would be used to expand the scope of the project or by other municipal transportation projects.*

2. Include a map and photos of the project location(s) and the project municipality. The map should be on an 8½ by 11 inch page. Photos are very useful in conveying the location and context of the proposed improvement.

3. Include any relevant information regarding the facilities where the project will be implemented, such as traffic counts for impacted roadways, age of traffic signals, and/or availability of nearby fiber interconnections.

4. Current engineering plans for the project, if available. Plans should be reduced to fit on an 8½ by 11 inch page; full sized plans may be submitted as an addendum.

5. A list and explanation of any parties responsible for implementing the project.

6. An explanation of permits needed and their status.

7. A description of public outreach to date on this project, including any letters of support.

8. A detailed maintenance plan for the project including frequency, cost, and how it will be funded.

9. Discuss the municipality's plans for the local match savings created by this grant.

10. If necessary, expand on the timeline submitted as part of the online form. Explanations and details are appreciated.

11. A resolution from the municipal governing body authorizing the project application.

Section 1 – Project Narrative

Abington Township is seeking funding through the County Transportation Program (CTP) for a 2017 Green Light Go award at the intersection of Fitzwatertown Road and North Hills Avenue \ Woodland Road. The traffic signal equipment at the intersection is older equipment and in need of replacement. The use of outdated equipment results in equipment malfunctions and ongoing re-cutting and replacement of detection loops when they break during changes in weather and/or utility maintenance. The mastarms are TC-7800 standards with some segmented poles and several poles are damaged and rusty. Additionally, the lead left phase for eastbound Fitzwatertown Road does not follow current MUTCD and PennDOT standards for signal indications for Protected/Permissive Mode Left Turn Movements. Current standards require the green arrow to be followed by a yellow arrow before proceeding to the circular green indication. The existing intersection does not have emergency pre-emption and lacks large overhead street name signs. Also, the intersection has pedestrian crossings at the intersection but the ADA ramps do not meet the current standards.

This project includes the full modernization at the intersection, with the following improvements:

- The installation of the new mastarms on all corners, signal heads, countdown pedestrian signals, and controllers will replace aged signal equipment.
- Installation of video detection and radar dilemma zone detection
- Installation of new controller assembly with battery back-up
- Installation of ten (10) ADA ramps

The project is anticipated to provide improved intersection operation and safe pedestrian crossings crossing at this intersection.

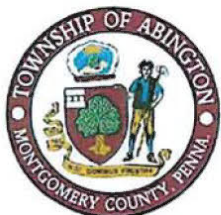
a. Project Impact

The operation of the intersection would be improved with the installation of all new signal equipment. Delay currently occurs at the intersection due to outdated signal timing, outdated signal heads, minimum pedestrian accommodations, malfunctioning detection systems, and outdated controller equipment.

b. County Planning Consistency

The intersection is located along a critical corridor that provides access through Abington Township from Route 63 to Susquehanna Road. This corridor is used frequently by residents and commuters and is utilized by SEPTA for a bus route.

This project meets the two of three main goals (Connected Communities, Vibrant Economy) of the Montgomery County Comprehensive Plan. The proposed improvements at the intersection will improve the connectivity within the Township for vehicles and pedestrians, as well as, strengthen the economy and jobs through a better connection between transit, businesses, and residences.



This project also meets regional goals from the DVRPC Connections 2040 Plan for Greater Philadelphia (2013):

Principle: Establish A Modern Multimodal Transportation System

Philosophy: Preserve and maintain the existing transportation system and rights of way.

Improve the operation of existing transportation facilities. Increase the capacity of the existing multimodal transportation system, limiting the addition of through travel lanes.

Strategies (Reduce Congestion):

Optimize the efficiency of the existing transportation system through incident management, access control, signal system improvements, roundabouts, and needed highway improvements.

Strategies (Improve Transportation Operations):

Reduce traffic congestion through improved traffic management that include optimizing traffic signal operations.

c. Local Planning Consistency

This intersection has been identified by the Township for traffic signal upgrades due to the age of the equipment and was identified during the annual traffic signal maintenance program.

d. Project Readiness

As required as part of the Green Light Go Grant, the scope of work for the signal improvements has been reviewed with The PennDOT Traffic Unit and have been included in the application. It is not anticipated that the project scope will expand. The Township has also commenced with the design of the intersection improvements.

e. Funding

The Township was awarded Green Light Go funding in 2018 in the amount of \$298,480, with a municipal match of \$74,620 of in-kind services. The Township Public Works Department has staff that performs construction on traffic signal projects and will complete portions of the traffic signal construction. The Township is requesting \$37,310 from the County as part of this program. A copy of the project estimate has been included in Attachment A.

Section 2 – Project Location

A location map has been included in Attachment B.

Section 3 – Intersection Information

As noted above, the traffic signal equipment at this intersection is aged and the equipment at the intersection is at least 30 years old. The intersection is isolated and is not coordinated with any adjacent intersections. There is not a fiber optic trunk line within the vicinity of the intersection. Traffic counts for the intersection have been included in Attachment C.

Section 4 – Project Plans

The existing traffic signal permit plan has been included in Attachment D.



Section 5 - Responsible Parties

The project will be implemented by Abington Township. The Township along with their appointed engineers will oversee the project from permitting through construction. Due to the anticipated construction cost the project will have to be publicly bid.

Section 6 – Required Permits

The anticipated permits for the project have been listed below:

- Highway Occupancy Permit from PennDOT
- Traffic Signal Permit from PennDOT

Section 7 – Public Involvement

The submission for this grant and the Green Light Go grant were discussed at a public meeting.

Section 8 – Maintenance Plan

The improvements to this intersection will not introduce additional maintenance responsibilities. The maintenance for the curb and sidewalk will be the responsibility of the adjacent land owner. Abington Township will also continue to provide the maintenance for the existing traffic signal in accordance with PennDOT Publication 191.

Section 9 – Local Match Reimbursement

The Township has identified several potential infrastructure projects to which the reimbursement can be applied. Since the reimbursement will be provided after completion of the Green Light Go Project, a specific project can not be identified at this time. Below is a list of projects where the reimbursement may be applied:

- Jenkintown Road and Meetinghouse Road roadway improvements
- Old Valley Road Bridge Repairs
- Annual roadway resurfacing program
- Video Detection installation at other Township intersections.

Section 10 – Project Schedule

A project schedule has been provided in Attachment E and it is anticipated that the project will take approximately 11 months to complete. The project schedule is dependent upon the delivery of the mastarm poles.

Section 11 – Municipal Resolution

The Township resolution has been included in Attachment F.



ATTACHMENT A

Cost Estimate



Opinion of Probable Construction Cost
Abington Township
Fitzwatertown Road (SR 2038) and Woodland Road/North Hills Avenue
Full Traffic Signal Modification
McMahon Project # 816574.3A

| | | |
|---|----|-------------------|
| Fitzwatertown Road (SR 2038) and Woodland Road/North Hills Avenue | \$ | 292,900.00 |
| <i>Mobilization</i> | \$ | 8,800.00 |
| <i>Maintenance and Protection of Traffic During Construction</i> | \$ | 14,600.00 |
| <i>Contingencies (10%)</i> | \$ | 29,300.00 |
| Estimated Construction Cost | \$ | 345,600.00 |
| Engineering/permitting/bidding | \$ | 27,500.00 |
| Total Cost | \$ | 373,100.00 |
| Grant Request (80%) | \$ | 298,480.00 |
| Municipal Contribution (20%) (In-kind Services for construction) | \$ | 74,620.00 |

Compiled By: RAL Date: 08/29/2016
Checked By: Date:

Assumptions:

1 - This Cost estimate is provided for budgetary purposes only, since detailed design has not been completed



Opinion of Probable Construction Cost
 Abington Township
 Fitzwatertown Road (SR 2038) and Woodland Road/North Hills Avenue
 Full Traffic Signal Modification
 McMahon Project # 816574.3A

| Item Number | Unit Measure | Description | Unit Cost | Quantity | Total Cost |
|-------------|--------------|--|--------------|----------|--------------|
| 0910-2012 | EA | 15ft Bracket Arm | \$ 900.00 | 3 | \$ 2,700.00 |
| 4910-2828 | EA | LED Luminaire, Arm Mount | \$ 450.00 | 3 | \$ 1,350.00 |
| 0910-4116 | LF | AWG 8 Underground Cable, Copper, 1 Conductor | \$ 1.50 | 900 | \$ 1,350.00 |
| 0931-0001 | SF | Post Mounted Signs, Type B | \$ 35.00 | 50 | \$ 1,750.00 |
| 0936-0200 | SF | Structure Mounted Flat Sheet Aluminum Signs | \$ 40.00 | 125 | \$ 5,000.00 |
| 0951-0120 | EA | Traffic Signal Support, 20' Mast Arm | \$ 11,000.00 | 2 | \$ 22,000.00 |
| 0951-2120 | EA | Traffic Signal Support, 20' Mast Arm w/luminaire | \$ 12,000.00 | 1 | \$ 12,000.00 |
| 0951-2125 | EA | Traffic Signal Support, 25' Mast Arm, w/luminaire | \$ 12,500.00 | 1 | \$ 12,500.00 |
| 0951-2130 | EA | Traffic Signal Support, 30' Mast Arm, w/luminaire | \$ 13,000.00 | 1 | \$ 13,000.00 |
| 0951-4014 | EA | Traffic Signal Support, 14' Pedestal | \$ 4,800.00 | 4 | \$ 19,200.00 |
| 0951-4022 | EA | Pedestrian Stub Pole, Type B | \$ 650.00 | 6 | \$ 3,900.00 |
| 0952-1040 | EA | NEMA TS-2; Type 2 Controller Assembly, Type 1 Mounting | \$ 15,000.00 | 1 | \$ 15,000.00 |
| 0954-0012 | LF | 2" Conduit (PVC) | \$ 4.18 | 600 | \$ 2,508.00 |
| 0954-0013 | LF | 3" Conduit (PVC) | \$ 5.90 | 700 | \$ 4,130.00 |
| 0954-0151 | LF | Trench and Backfill, Type I | \$ 15.00 | 360 | \$ 5,400.00 |
| 0954-0153 | LF | Trench and Backfill, Type III | \$ 75.00 | 250 | \$ 18,750.00 |
| 0954-0201 | LF | Signal Cable, 14 AWG, 3 conductor | \$ 1.75 | 1500 | \$ 2,625.00 |
| 0954-0202 | LF | Signal Cable, 14 AWG, 5 conductor | \$ 2.25 | 3350 | \$ 7,537.50 |
| 0954-0203 | LF | Signal Cable, 14 AWG, 7 conductor | \$ 2.50 | 500 | \$ 1,250.00 |
| 0954-0302 | EA | Junction Box, JB-27 | \$ 550.00 | 5 | \$ 2,750.00 |
| 9999-0303 | EA | Junction Box, 17"x30" | \$ 650.00 | 1 | \$ 650.00 |
| 0954-0403 | EA | Electrical Service, Type C | \$ 1,500.00 | 1 | \$ 1,500.00 |
| 0954-0600 | EA | UPS battery back-up | \$ 6,500.00 | 1 | \$ 6,500.00 |
| 0955-3208 | EA | Vehicular Signal Head, Three 12" Sections (LED) | \$ 950.00 | 9 | \$ 8,550.00 |
| 0955-3210 | EA | Vehicular Signal Head, Five 12" Sections (LED) | \$ 1,250.00 | 3 | \$ 3,750.00 |
| 0955-3722 | EA | LED Countdown Pedestrian Signal Head | \$ 600.00 | 10 | \$ 6,000.00 |
| 0956-0500 | EA | Pedestrian Push Button | \$ 350.00 | 10 | \$ 3,500.00 |
| 0956-0700 | EA | Video Detector | \$ 6,000.00 | 5 | \$ 30,000.00 |
| 0956-0701 | EA | Radar Dilemma Zone Detection | \$ 8,000.00 | 2 | \$ 16,000.00 |
| 0956-0801 | EA | Optical Preemption System | \$ 8,700.00 | 1 | \$ 8,700.00 |

Traffic Signal Sub Total \$ 239,850.50

Checked By:

Date:

Assumptions:



Opinion of Probable Construction Cost

Abington Township

Fitzwatertown Road (SR 2038) and Woodland Road/North Hills Avenue

Full Traffic Signal Modification

McMahon Project # 816574.3A

| Item Number | Unit Measure | Description | Unit Cost | Quantity | Total Cost |
|-------------|--------------|---|-------------|----------|--------------|
| 0960-0005 | LF | 6" White Hot Thermoplastic Pavement Markings | \$ 2.00 | 525 | \$ 1,050.00 |
| 0960-0021 | LF | 24" White Hot Thermoplastic Pavement Markings | \$ 10.00 | 15 | \$ 150.00 |
| 0963-0001 | SF | Pavement Marking Removal | \$ 6.00 | 300 | \$ 1,800.00 |
| 9000-0001 | EA | ADA Curb Ramp | \$ 5,000.00 | 10 | \$ 50,000.00 |

Traffic Signal Sub Total \$ 53,000.00

Checked By:

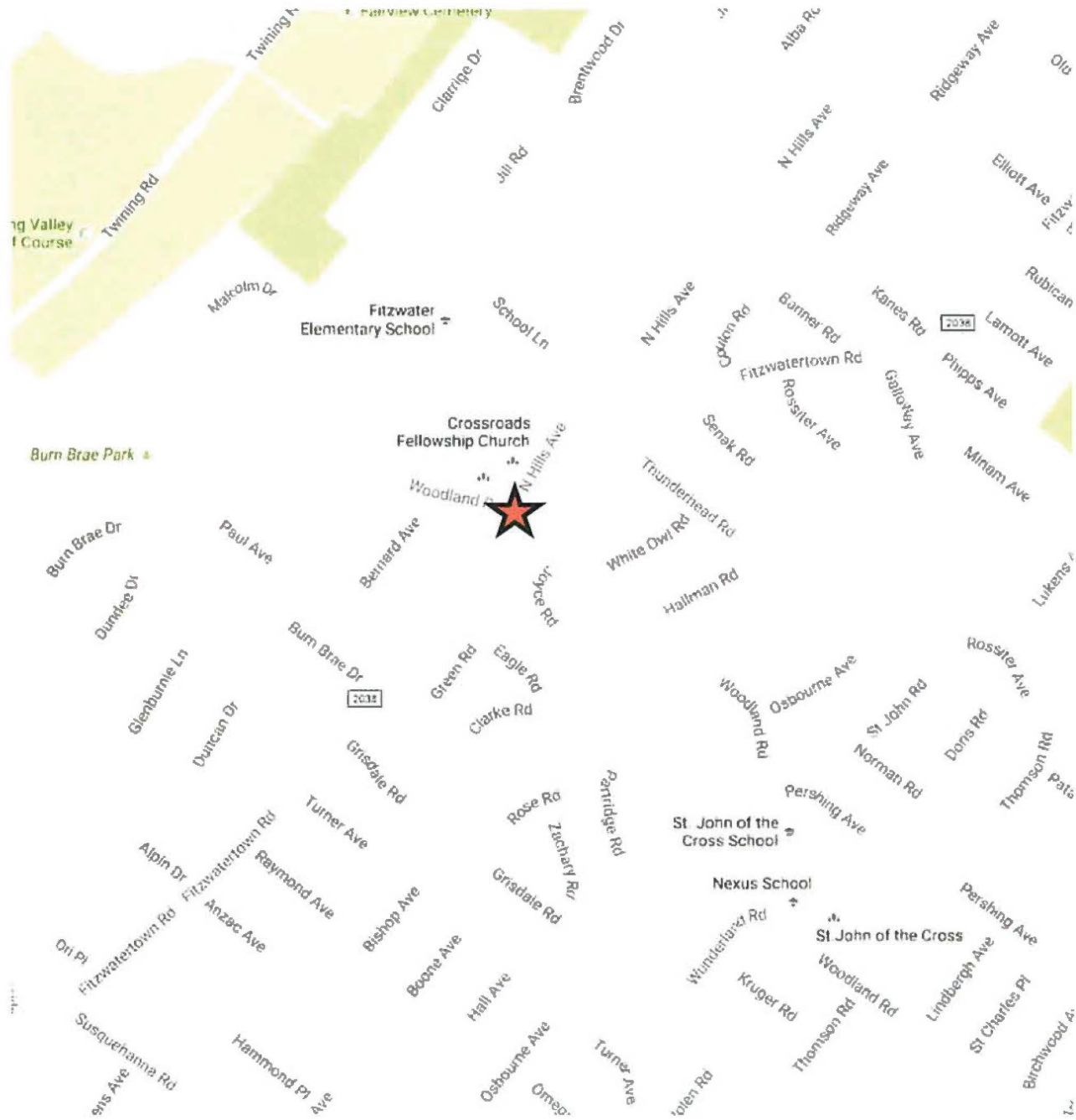
Date:

Assumptions:

ATTACHMENT B

Location Map

ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA



ATTACHMENT C

Traffic Counts

McMahon Associates, Inc.

425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Transportation Engineers and Planners

Municipality: Upper Dublin Township
Location: Fitzwatertown Road &
North Hills Ave & Woodland Road
Counter: BW

File Name : woodland01w
Site Code : 81779301
Start Date : 6/12/2018
Page No : 1

Groups Printed- Passenger Vehicles - Heavy Vehicles

| Start Time | Woodland Rd Southbound | | | | North Hills Ave Southwestbound | | | | Fitzwatertown Rd Westbound | | | | Woodland Rd Northbound | | | | Fitzwatertown Rd Eastbound | | | | Int. Total |
|-----------------------------|------------------------|-------------|-------------|-------------|--------------------------------|-------------|-------------|-------------|----------------------------|-------------|-------------|------------|------------------------|-------------|-------------|-------------|----------------------------|-------------|-------------|-------------|-------------|
| | Head Out | Left | Thru | Right | Head Left | Short Left | Base Right | Head Right | Left | Thru | Right | Head Left | Thru | Base Right | Right | Head Left | Base Left | Thru | Right | | |
| 07:00 | 1 | 3 | 0 | 0 | 1 | 0 | 17 | 2 | 5 | 75 | 2 | 0 | 22 | 8 | 14 | 5 | 0 | 18 | 63 | 5 | 241 |
| 07:15 | 2 | 3 | 1 | 1 | 0 | 4 | 34 | 3 | 4 | 118 | 9 | 0 | 21 | 4 | 16 | 6 | 1 | 26 | 83 | 4 | 339 |
| 07:30 | 3 | 1 | 0 | 3 | 0 | 8 | 19 | 2 | 3 | 109 | 4 | 1 | 20 | 8 | 15 | 7 | 0 | 37 | 77 | 4 | 318 |
| 07:45 | 2 | 2 | 1 | 3 | 0 | 4 | 31 | 2 | 3 | 88 | 4 | 0 | 15 | 6 | 10 | 8 | 1 | 49 | 119 | 5 | 394 |
| Total | 8 | 8 | 2 | 7 | 1 | 14 | 101 | 8 | 15 | 388 | 19 | 1 | 78 | 26 | 55 | 26 | 2 | 130 | 342 | 18 | 1282 |
| 08:00 | 2 | 1 | 3 | 0 | 0 | 5 | 23 | 0 | 3 | 104 | 8 | 0 | 18 | 15 | 12 | 2 | 1 | 39 | 73 | 7 | 315 |
| 08:15 | 8 | 0 | 2 | 2 | 2 | 7 | 40 | 1 | 4 | 107 | 2 | 1 | 21 | 4 | 17 | 4 | 0 | 43 | 84 | 9 | 359 |
| 08:30 | 10 | 2 | 3 | 3 | 3 | 8 | 45 | 1 | 8 | 94 | 4 | 0 | 18 | 5 | 16 | 3 | 0 | 62 | 109 | 18 | 410 |
| 08:45 | 3 | 3 | 2 | 0 | 1 | 10 | 29 | 3 | 7 | 82 | 3 | 0 | 12 | 8 | 14 | 7 | 1 | 35 | 88 | 7 | 313 |
| Total | 24 | 8 | 10 | 5 | 6 | 31 | 137 | 6 | 22 | 387 | 15 | 1 | 68 | 30 | 59 | 16 | 2 | 178 | 354 | 38 | 1397 |
| *** BREAK *** | | | | | | | | | | | | | | | | | | | | | |
| 11:00 | 1 | 6 | 1 | 1 | 1 | 8 | 17 | 0 | 2 | 86 | 2 | 2 | 5 | 3 | 11 | 8 | 0 | 15 | 64 | 7 | 221 |
| 11:15 | 3 | 3 | 3 | 0 | 0 | 8 | 14 | 1 | 8 | 71 | 1 | 1 | 9 | 2 | 11 | 3 | 0 | 19 | 73 | 7 | 237 |
| 11:30 | 0 | 7 | 2 | 3 | 0 | 11 | 9 | 2 | 4 | 53 | 7 | 1 | 10 | 3 | 6 | 5 | 3 | 18 | 87 | 7 | 240 |
| 11:45 | 2 | 3 | 4 | 3 | 1 | 10 | 19 | 1 | 8 | 70 | 4 | 0 | 7 | 1 | 9 | 8 | 0 | 18 | 89 | 7 | 264 |
| Total | 6 | 19 | 10 | 7 | 2 | 38 | 59 | 4 | 22 | 263 | 14 | 4 | 31 | 6 | 36 | 24 | 3 | 70 | 313 | 28 | 802 |
| 12:00 | 0 | 1 | 0 | 0 | 0 | 5 | 16 | 1 | 1 | 84 | 1 | 0 | 4 | 1 | 8 | 2 | 0 | 15 | 88 | 8 | 217 |
| 12:15 | 2 | 3 | 0 | 0 | 0 | 7 | 24 | 3 | 3 | 82 | 3 | 1 | 8 | 0 | 7 | 5 | 0 | 19 | 77 | 8 | 253 |
| 12:30 | 0 | 0 | 0 | 1 | 0 | 8 | 22 | 0 | 6 | 75 | 1 | 2 | 8 | 0 | 7 | 4 | 2 | 22 | 85 | 8 | 249 |
| 12:45 | 1 | 4 | 0 | 0 | 0 | 14 | 11 | 0 | 8 | 78 | 3 | 1 | 14 | 0 | 12 | 1 | 0 | 29 | 78 | 11 | 260 |
| Total | 3 | 8 | 0 | 1 | 0 | 34 | 73 | 4 | 18 | 299 | 8 | 4 | 34 | 1 | 35 | 12 | 2 | 82 | 320 | 34 | 979 |
| *** BREAK *** | | | | | | | | | | | | | | | | | | | | | |
| 16:00 | 1 | 0 | 4 | 0 | 0 | 15 | 28 | 4 | 5 | 74 | 4 | 1 | 11 | 3 | 11 | 3 | 0 | 21 | 88 | 14 | 285 |
| 16:15 | 1 | 8 | 0 | 0 | 1 | 11 | 27 | 3 | 3 | 128 | 2 | 0 | 8 | 3 | 10 | 7 | 2 | 32 | 125 | 12 | 384 |
| 16:30 | 4 | 6 | 2 | 1 | 2 | 13 | 25 | 1 | 10 | 85 | 2 | 0 | 11 | 2 | 11 | 5 | 1 | 18 | 99 | 12 | 318 |
| 16:45 | 0 | 5 | 2 | 1 | 0 | 20 | 29 | 5 | 8 | 98 | 3 | 0 | 12 | 3 | 10 | 2 | 1 | 35 | 128 | 14 | 382 |
| Total | 14 | 20 | 8 | 2 | 3 | 57 | 109 | 13 | 28 | 393 | 11 | 1 | 42 | 11 | 42 | 17 | 4 | 104 | 440 | 52 | 1368 |
| 17:00 | 5 | 6 | 6 | 1 | 1 | 23 | 32 | 4 | 7 | 105 | 2 | 0 | 6 | 3 | 12 | 3 | 0 | 29 | 144 | 14 | 403 |
| 17:15 | 6 | 6 | 4 | 1 | 0 | 18 | 39 | 1 | 8 | 108 | 5 | 0 | 7 | 2 | 10 | 3 | 0 | 21 | 154 | 22 | 413 |
| 17:30 | 5 | 3 | 6 | 1 | 0 | 17 | 21 | 2 | 10 | 95 | 1 | 0 | 15 | 0 | 14 | 8 | 1 | 44 | 114 | 24 | 381 |
| 17:45 | 4 | 1 | 5 | 1 | 0 | 14 | 35 | 2 | 15 | 83 | 6 | 0 | 9 | 5 | 9 | 8 | 0 | 18 | 128 | 12 | 380 |
| Total | 20 | 16 | 21 | 4 | 1 | 70 | 127 | 9 | 40 | 398 | 14 | 0 | 37 | 8 | 45 | 22 | 1 | 112 | 540 | 72 | 1557 |
| Grand Total | 75 | 78 | 51 | 26 | 13 | 244 | 606 | 44 | 141 | 2136 | 81 | 11 | 291 | 85 | 272 | 117 | 14 | 677 | 2318 | 244 | 7526 |
| Approach % | 32.6 | 33.9 | 22.2 | 11.3 | 1.4 | 25.9 | 68.6 | 4.9 | 5.9 | 50.2 | 3.4 | 0.5 | 38 | 11.1 | 35.6 | 15.3 | 0.4 | 20.8 | 71.3 | 7.5 | |
| Total % | 1 | 1 | 0.7 | 0.3 | 0.2 | 3.2 | 8.1 | 0.6 | 1.9 | 28.4 | 1.1 | 0.1 | 3.9 | 1.1 | 3.6 | 1.6 | 0.2 | 9 | 30.8 | 3.2 | |
| Passenger Vehicles | 79 | 57.4 | 56 | 58.2 | 84.6 | 97.8 | 92.9 | 95.5 | 97.9 | 38.1 | 97.5 | 100 | 97.8 | 88.8 | 88.3 | 100 | 100 | 87.8 | 87 | 85.9 | 98.8 |
| % Passenger Vehicles | 3 | 2 | 1 | 1 | 2 | 6 | 45 | 2 | 3 | 63 | 2 | 0 | 7 | 1 | 2 | 0 | 0 | 13 | 76 | 16 | 253 |
| % Heavy Vehicles | 4 | 2.6 | 2 | 3.8 | 15.4 | 25 | 7.1 | 4.5 | 2.1 | 3.9 | 2.6 | 0 | 2.4 | 1.2 | 0.7 | 0 | 0 | 2.2 | 3 | 4.1 | 34 |

McMahon Associates, Inc.

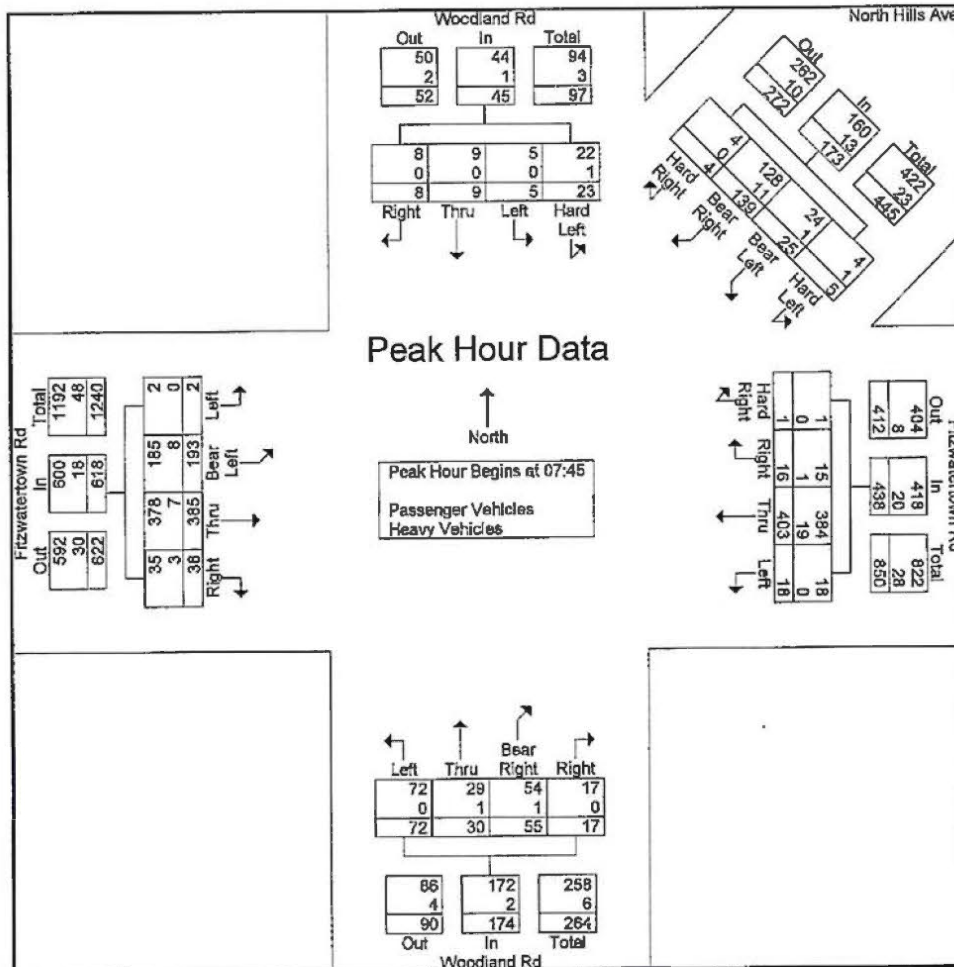
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Transportation Engineers and Planners

Municipality: Upper Dublin Township
Location: Fitzwatertown Road &
North Hills Ave & Woodland Road
Counter: BW

File Name : woodland01w
Site Code : 81779301
Start Date : 6/12/2018
Page No : 2

| Start Time | Woodland Rd Southbound | | | | | North Hills Ave Southwestbound | | | | | Fitzwatertown Rd Westbound | | | | | Woodland Rd Northbound | | | | | Fitzwatertown Rd Eastbound | | | | | In-Totals |
|--|------------------------|-------|-------|---------|------------|--------------------------------|-----------|------------|------------|------------|----------------------------|-------|---------|------------|------------|------------------------|-------|------------|---------|------------|----------------------------|-----------|-------|---------|------------|-----------|
| | Incr Left | Le ft | Th ru | Ri gh t | App. Total | Incr Left | Bear Left | Bear Right | Hard Right | App. Total | Le ft | Th ru | Ri gh t | Face Right | App. Total | Le ft | Th ru | Bear Right | Ri gh t | App. Total | Le ft | Bear Left | Th ru | Ri gh t | App. Total | |
| Peak Hour Analysis From 07:00 to 09:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:45 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07:45 | 2 | 2 | 1 | 3 | 8 | 0 | 4 | 31 | 2 | 37 | 3 | 98 | 4 | 0 | 105 | 15 | 6 | 10 | 8 | 39 | 1 | 49 | 119 | 6 | 176 | 384 |
| 08:00 | 2 | 1 | 3 | | | | | | | 104 | 6 | | | | 15 | | | | | 47 | | | | | | |
| 08:15 | 9 | 0 | 2 | 2 | 13 | 2 | 7 | 40 | 1 | 50 | 4 | 107 | 2 | 1 | 114 | 21 | 4 | 17 | 4 | 46 | 0 | 43 | 84 | 9 | 136 | 359 |
| 08:30 | 10 | 2 | 3 | 3 | 18 | 3 | 8 | 45 | 1 | 57 | 8 | 94 | 4 | 0 | 106 | 18 | 5 | 16 | 3 | 42 | 0 | 62 | 109 | 16 | 187 | 410 |
| Total Volume | 23 | 5 | 9 | 8 | 45 | 5 | 25 | 139 | 4 | 173 | 18 | 403 | 16 | 1 | 438 | 72 | 30 | 55 | 17 | 174 | 2 | 193 | 385 | 38 | 618 | 1448 |
| % App. Total | 51.1 | 11.1 | | 17.8 | | 2.9 | 14.6 | 80.3 | 2.3 | | 4.1 | | 3.7 | 0.2 | | 41.4 | 17.2 | 31.8 | 9.8 | | 0.3 | 31.2 | 62.3 | 6.1 | | |
| PHF | .575 | .625 | .760 | .667 | .625 | .417 | .781 | .772 | .500 | .759 | .593 | .942 | .657 | .250 | .961 | .857 | .500 | .809 | .631 | .926 | .500 | .778 | .609 | .594 | .826 | .883 |
| Passenger Vehicles | 22 | 5 | 9 | 8 | 44 | 4 | 24 | 128 | 4 | 160 | 18 | 384 | 15 | 1 | 418 | 72 | 29 | 54 | 17 | 172 | 2 | 185 | 378 | 35 | 600 | 1394 |
| % Passenger Vehicles | 95.7 | 100 | 100 | 100 | 97.8 | 80.0 | 96.0 | 92.1 | 100 | 92.5 | 100 | 95.3 | 93.8 | 100 | 95.4 | 100 | 96.7 | 98.2 | 100 | 98.9 | 100 | 95.9 | 98.2 | 92.1 | 97.1 | 96.3 |
| Heavy Vehicles | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 11 | 0 | 13 | 0 | 19 | 1 | 0 | 20 | 0 | 1 | 1 | 0 | 2 | 0 | 8 | 7 | 3 | 18 | 54 |
| % Heavy Vehicles | 4.3 | 0 | 0 | 0 | 2.2 | 20.0 | 4.0 | 7.9 | 0 | 7.5 | 0 | 4.7 | 6.3 | 0 | 4.6 | 0 | 3.3 | 1.8 | 0 | 1.1 | 0 | 4.1 | 1.8 | 7.9 | 2.9 | 3.7 |



McMahon Associates, Inc.

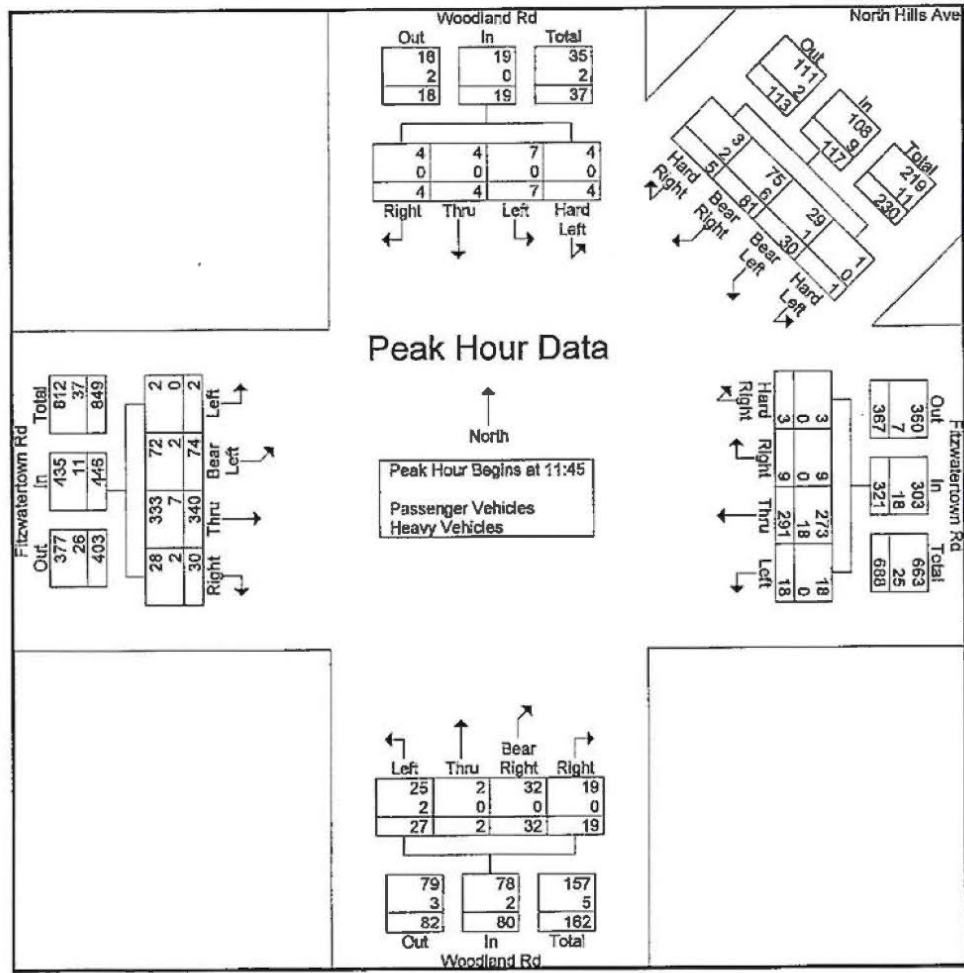
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Transportation Engineers and Planners

Municipality: Upper Dublin Township
Location: Fitzwatertown Road &
North Hills Ave & Woodland Road
Counter: BW

File Name : woodland01w
Site Code : 81779301
Start Date : 6/12/2018
Page No : 3

| Start Time | Woodland Rd Southbound | | | | | North Hills Ave Southwestbound | | | | | Fitzwatertown Rd Westbound | | | | | Woodland Rd Northbound | | | | | Fitzwatertown Rd Eastbound | | | | | Int. Total |
|--|------------------------|------|------|-------|------------|--------------------------------|-----------|------------|------------|------------|----------------------------|------|-------|------------|------------|------------------------|------|------------|-------|------------|----------------------------|-----------|------|-------|------------|------------|
| | Hard Left | Left | Thru | Right | App. Total | Hard Left | Bear Left | Bear Right | Hard Right | App. Total | Left | Thru | Right | Hard Right | App. Total | Left | Thru | Bear Right | Right | App. Total | Left | Bear Left | Thru | Right | App. Total | |
| Peak Hour Analysis From 10:00 to 13:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 11:45 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11:45 | 2 | 3 | 4 | 3 | 12 | 1 | 10 | 19 | 1 | 31 | 8 | 70 | 4 | 0 | 82 | 7 | 1 | 9 | 8 | 25 | 0 | 18 | 89 | 7 | 114 | 264 |
| 12:00 | 0 | 1 | 0 | 0 | 1 | 0 | 5 | 16 | 1 | 22 | 1 | 64 | 1 | 0 | 66 | 4 | 1 | 9 | 2 | 16 | 0 | 15 | 89 | 8 | 112 | 217 |
| 12:15 | 2 | 3 | 0 | 0 | 5 | 0 | 7 | 24 | 3 | 34 | 3 | 82 | 3 | 1 | 89 | 8 | 0 | 7 | 5 | 20 | 0 | 19 | 77 | 9 | 105 | 253 |
| 12:30 | 0 | 0 | 0 | 1 | 1 | 0 | 8 | 22 | 0 | 30 | 6 | 75 | 1 | 2 | 84 | 8 | 0 | 7 | 4 | 19 | 2 | 22 | 85 | 6 | 115 | 249 |
| Total Volume | 4 | 7 | 4 | 4 | 19 | 1 | 30 | 81 | 5 | 117 | 18 | 281 | 9 | 3 | 321 | 27 | 2 | 32 | 19 | 80 | 2 | 74 | 340 | 30 | 446 | 983 |
| % App. Total | 21.1 | 36.8 | 21.1 | 21.1 | | 0.9 | 25.6 | 69.2 | 4.3 | | 5.6 | 80.7 | 2.8 | 0.9 | | 33.8 | 2.5 | | 23.8 | | 0.4 | 19.8 | 78.2 | 6.7 | | |
| PHF | .500 | .583 | .250 | .333 | .396 | .250 | .750 | .844 | .417 | .860 | .583 | .887 | .583 | .375 | .902 | .644 | .500 | .889 | .594 | .800 | .250 | .841 | .955 | .633 | .970 | .931 |
| Passenger Vehicles | 4 | 7 | 4 | 4 | 19 | 1 | 29 | 75 | 3 | 108 | 18 | 273 | 9 | 3 | 303 | 25 | 2 | 32 | 19 | 78 | 2 | 72 | 333 | 28 | 435 | 943 |
| % Passenger Vehicles | 100 | 100 | 100 | 100 | 100 | 100 | 96.7 | 92.6 | 60.0 | 92.3 | 100 | 93.6 | 100 | 100 | 94.4 | 92.6 | 100 | 100 | 100 | 97.5 | 100 | 97.3 | 97.0 | 93.3 | 97.5 | 95.9 |
| Heavy Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 2 | 9 | 0 | 18 | 0 | 0 | 18 | 2 | 0 | 0 | 0 | 2 | 0 | 2 | 7 | 2 | 11 | 40 |
| % Heavy Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 3.3 | 7.4 | 40.0 | 7.7 | 0 | 6.2 | 0 | 0 | 5.6 | 7.4 | 0 | 0 | 0 | 2.5 | 0 | 2.7 | 2.1 | 6.7 | 2.5 | 4.1 |



McMahon Associates, Inc.

425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Transportation Engineers and Planners

Municipality: Upper Dublin Township
Location: Fitzwatertown Road &
North Hills Ave & Woodland Road
Counter: BW

File Name : woodland01w
Site Code : 81779301
Start Date : 6/12/2018
Page No : 4

| Start Time | Woodland Rd Southbound | | | | | North Hills Ave Southwestbound | | | | | Fitzwatertown Rd Westbound | | | | | Woodland Rd Northbound | | | | | Fitzwatertown Rd Eastbound | | | | | Int Total |
|--|------------------------|------|-------|------------|------|--------------------------------|-------|------------|------|------|----------------------------|------------|------|------|-------|------------------------|------|------|-------|------------|----------------------------|------|------|------|------|-----------|
| | Left | Thru | Right | App. Total | Head | Thru | Right | App. Total | Head | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | | | | | | |
| Peak Hour Analysis From 14:00 to 17:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 16:45 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16:45 | 8 | 5 | 2 | 1 | 16 | 0 | 20 | 29 | 5 | 54 | 8 | 96 | 3 | 0 | 107 | 12 | 3 | 10 | 2 | 27 | 1 | 35 | 128 | 14 | 178 | 382 |
| 17:00 | 5 | 6 | 6 | 1 | 18 | 1 | 23 | | | 60 | | 105 | 2 | 0 | 114 | 6 | 3 | 12 | 3 | 24 | 0 | 29 | 144 | 14 | 187 | 403 |
| 17:15 | 6 | 6 | 4 | 1 | 17 | 0 | 16 | 39 | | | | 108 | 5 | | 121 | | | | | | | | 164 | 22 | 197 | 413 |
| 17:30 | 5 | 3 | 6 | 1 | 15 | 0 | 17 | 21 | 2 | 40 | 10 | 95 | 1 | 0 | 106 | 15 | 0 | 14 | 8 | 37 | 1 | 44 | 114 | 24 | 183 | 381 |
| Total Volume | 24 | 20 | 18 | 4 | 66 | 1 | 76 | 121 | 12 | 210 | 33 | 404 | 11 | 0 | 448 | 40 | 8 | 46 | 16 | 110 | 2 | 129 | 540 | 74 | 745 | 1579 |
| % App. Total | 36.4 | 30.3 | 27.3 | 6.1 | | 0.5 | 36.2 | 57.8 | 5.7 | | 7.4 | 92.2 | 2.5 | | | 36.4 | 7.3 | 41.8 | 14.5 | | 0.3 | 17.3 | 72.5 | 9.9 | | |
| PHF | .750 | .833 | .750 | 1.000 | .917 | .250 | .620 | .770 | .800 | .875 | .025 | .533 | .560 | .000 | .926 | .057 | .667 | .621 | .500 | .743 | .500 | .750 | .677 | .771 | .845 | .956 |
| Passenger Vehicles | 24 | 19 | 17 | 4 | 64 | 1 | 75 | 114 | 12 | 202 | 33 | 398 | 11 | 0 | 442 | 39 | 8 | 46 | 16 | 109 | 2 | 127 | 526 | 73 | 728 | 1545 |
| % Heavy Vehicles | 100 | 95.0 | 94.4 | 100 | 97.0 | 100 | 98.7 | 94.2 | 100 | 96.2 | 100 | 98.5 | 100 | 0 | 98.7 | 97.5 | 100 | 100 | 100 | 99.1 | 100 | 98.4 | 97.4 | 98.6 | 97.7 | 97.8 |
| Heavy Vehicles | 0 | 1 | 1 | 0 | 2 | 0 | 1 | 7 | 0 | 8 | 0 | 6 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 14 | 1 | 17 | 24 |
| % Heavy Vehicle | 0 | 5.0 | 5.6 | 0 | 3.0 | 0 | 1.3 | 5.8 | 0 | 3.8 | 0 | 1.5 | 0 | 0 | 1.3 | 2.5 | 0 | 0 | 0 | 0.0 | 0 | 1.6 | 2.6 | 1.4 | 2.3 | 2.2 |

McMahon Associates, Inc.

425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Transportation Engineers and Planners

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425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Transportation Engineers and Planners

Municipality: Upper Dublin Township
Location: Fitzwatertown Road &
North Hills Ave & Woodland Road
Counter: BW

File Name : woodland01w
Site Code : 81779301
Start Date : 6/12/2018
Page No : 1

Groups Printed- Passenger Vehicles

| Start Time | Woodland Rd Southbound | | | | North Hills Ave Southbound | | | | Fitzwatertown Rd Westbound | | | | Woodland Rd Northbound | | | | Fitzwatertown Rd Eastbound | | | | Int. Total |
|---------------|------------------------|------|------|-------|----------------------------|------------|------------|------------|----------------------------|------|-------|------------|------------------------|------|------------|-------|----------------------------|-----------|------|-------|------------|
| | West Left | Left | Thru | Right | West Left | West Right | Opp. Right | West Right | Left | Thru | Right | Opp. Right | Left | Thru | Opp. Right | Right | Left | West Left | Thru | Right | |
| 07:00 | 1 | 3 | 0 | 0 | 1 | 0 | 15 | 2 | 4 | 73 | 2 | 0 | 22 | 8 | 14 | 5 | 0 | 17 | 59 | 4 | 230 |
| 07:15 | 2 | 3 | 1 | 1 | 0 | 3 | 30 | 3 | 4 | 108 | 0 | 0 | 21 | 4 | 16 | 6 | 1 | 25 | 75 | 4 | 318 |
| 07:30 | 1 | 1 | 0 | 2 | 0 | 6 | 17 | 2 | 3 | 105 | 3 | 1 | 20 | 8 | 15 | 7 | 0 | 37 | 73 | 4 | 305 |
| 07:45 | 2 | 2 | 1 | 3 | 0 | 4 | 28 | 2 | 3 | 85 | 4 | 0 | 15 | 6 | 10 | 6 | 1 | 49 | 118 | 6 | 358 |
| Total | 6 | 9 | 2 | 6 | 1 | 13 | 90 | 9 | 14 | 362 | 8 | 1 | 78 | 26 | 55 | 26 | 2 | 128 | 325 | 18 | 1209 |
| 08:00 | 2 | 1 | 3 | 0 | 0 | 5 | 21 | 0 | 3 | 103 | 5 | 0 | 18 | 15 | 11 | 2 | 1 | 35 | 71 | 5 | 298 |
| 08:15 | 8 | 0 | 2 | 2 | 1 | 7 | 36 | 1 | 4 | 99 | 2 | 1 | 21 | 3 | 17 | 4 | 0 | 41 | 80 | 9 | 338 |
| 08:30 | 10 | 2 | 3 | 3 | 3 | 8 | 43 | 1 | 5 | 89 | 4 | 0 | 18 | 5 | 18 | 3 | 0 | 60 | 103 | 15 | 400 |
| 08:45 | 3 | 3 | 2 | 0 | 1 | 10 | 28 | 3 | 7 | 74 | 3 | 0 | 12 | 8 | 14 | 7 | 1 | 34 | 85 | 6 | 300 |
| Total | 23 | 6 | 10 | 5 | 5 | 30 | 128 | 5 | 22 | 362 | 14 | 1 | 69 | 29 | 58 | 10 | 2 | 170 | 346 | 35 | 1338 |
| *** BREAK *** | | | | | | | | | | | | | | | | | | | | | |
| 11:00 | 1 | 5 | 1 | 1 | 0 | 0 | 16 | 0 | 1 | 84 | 2 | 2 | 5 | 3 | 11 | 8 | 0 | 15 | 60 | 8 | 210 |
| 11:15 | 3 | 3 | 3 | 0 | 0 | 6 | 12 | 1 | 0 | 68 | 1 | 1 | 5 | 2 | 11 | 3 | 0 | 19 | 71 | 7 | 230 |
| 11:30 | 0 | 7 | 2 | 3 | 0 | 11 | 8 | 2 | 4 | 54 | 7 | 1 | 9 | 3 | 5 | 5 | 3 | 18 | 79 | 7 | 228 |
| 11:45 | 2 | 3 | 4 | 3 | 1 | 9 | 19 | 1 | 1 | 65 | 4 | 0 | 7 | 1 | 9 | 8 | 0 | 18 | 69 | 6 | 256 |
| Total | 6 | 18 | 10 | 7 | 1 | 37 | 55 | 4 | 21 | 251 | 14 | 4 | 30 | 9 | 38 | 24 | 3 | 70 | 268 | 26 | 924 |
| 12:00 | 0 | 1 | 0 | 0 | 0 | 5 | 14 | 0 | 1 | 57 | 1 | 0 | 3 | 1 | 8 | 2 | 0 | 15 | 64 | 7 | 203 |
| 12:15 | 2 | 3 | 0 | 0 | 0 | 7 | 21 | 2 | 3 | 76 | 3 | 1 | 8 | 0 | 7 | 5 | 0 | 19 | 76 | 9 | 245 |
| 12:30 | 0 | 0 | 0 | 0 | 0 | 6 | 21 | 0 | 5 | 72 | 1 | 2 | 7 | 0 | 7 | 4 | 2 | 20 | 85 | 6 | 242 |
| 12:45 | 1 | 4 | 0 | 0 | 0 | 14 | 11 | 0 | 5 | 73 | 3 | 1 | 15 | 0 | 12 | 1 | 0 | 28 | 78 | 10 | 251 |
| Total | 3 | 8 | 0 | 1 | 0 | 34 | 67 | 2 | 15 | 281 | 8 | 4 | 31 | 1 | 35 | 12 | 2 | 80 | 321 | 32 | 698 |
| *** BREAK *** | | | | | | | | | | | | | | | | | | | | | |
| 16:00 | 1 | 0 | 4 | 0 | 0 | 12 | 28 | 4 | 5 | 73 | 4 | 1 | 11 | 3 | 10 | 3 | 0 | 21 | 95 | 14 | 277 |
| 16:15 | 1 | 9 | 0 | 0 | 1 | 11 | 24 | 3 | 3 | 126 | 2 | 0 | 9 | 3 | 10 | 7 | 2 | 32 | 122 | 12 | 378 |
| 16:30 | 4 | 6 | 2 | 1 | 2 | 12 | 25 | 1 | 9 | 93 | 2 | 0 | 9 | 2 | 11 | 5 | 1 | 16 | 97 | 12 | 310 |
| 16:45 | 8 | 5 | 2 | 1 | 0 | 20 | 27 | 5 | 8 | 84 | 3 | 0 | 12 | 3 | 10 | 2 | 1 | 35 | 125 | 14 | 375 |
| Total | 14 | 20 | 8 | 2 | 3 | 55 | 102 | 13 | 25 | 393 | 11 | 1 | 40 | 11 | 41 | 17 | 4 | 104 | 429 | 52 | 1338 |
| 17:00 | 5 | 5 | 6 | 1 | 1 | 22 | 31 | 4 | 7 | 103 | 2 | 0 | 8 | 3 | 12 | 3 | 0 | 29 | 143 | 14 | 397 |
| 17:15 | 6 | 6 | 4 | 1 | 0 | 16 | 37 | 1 | 8 | 106 | 5 | 0 | 7 | 2 | 10 | 3 | 0 | 19 | 145 | 21 | 397 |
| 17:30 | 5 | 3 | 5 | 1 | 0 | 17 | 19 | 2 | 10 | 85 | 1 | 0 | 14 | 0 | 14 | 8 | 1 | 44 | 113 | 24 | 378 |
| 17:45 | 4 | 1 | 5 | 1 | 0 | 14 | 34 | 2 | 16 | 89 | 6 | 0 | 9 | 3 | 9 | 8 | 0 | 18 | 128 | 12 | 358 |
| Total | 20 | 15 | 20 | 4 | 1 | 69 | 121 | 9 | 40 | 393 | 14 | 0 | 38 | 8 | 45 | 22 | 1 | 110 | 528 | 71 | 1628 |
| Grand Total | 72 | 76 | 50 | 25 | 11 | 238 | 553 | 42 | 138 | 2055 | 79 | 11 | 284 | 84 | 270 | 117 | 14 | 662 | 2248 | 234 | 7273 |
| Approach % | 32.3 | 34.1 | 22.4 | 11.2 | 1.3 | 27.9 | 65.9 | 4.9 | 6 | 90 | 3.5 | 0.5 | 37.5 | 11.1 | 35.8 | 15.5 | 0.4 | 21 | 71.2 | 7.4 | |
| Total % | 1 | 1 | 0.7 | 0.3 | 0.2 | 3.3 | 7.7 | 0.8 | 1.8 | 28.3 | 1.1 | 0.2 | 3.8 | 1.2 | 3.7 | 1.6 | 0.2 | 9.1 | 30.9 | 3.2 | |

McMahon Associates, Inc.

425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Transportation Engineers and Planners

Municipality: Upper Dublin Township
Location: Fitzwatertown Road &
North Hills Ave & Woodland Road
Counter: BW

File Name : woodland01w
Site Code : 81779301
Start Date : 6/12/2018
Page No : 1

Groups Printed- Heavy Vehicles

| Start Time | Woodland Rd Southbound | | | | North Hills Ave Southwestbound | | | | Fitzwatertown Rd Westbound | | | | Woodland Rd Northbound | | | | Fitzwatertown Rd Eastbound | | | | ur1 Total |
|--------------------|------------------------|-------------|-------------|-------------|--------------------------------|-------------|-------------|------------|----------------------------|-------------|------------|----------|------------------------|------------|------------|----------|----------------------------|-------------|-------------|-------------|------------|
| | Prod Left | Left | Thru | Right | Prod Left | Left | Thru | Right | Prod Left | Left | Thru | Right | Prod Left | Left | Thru | Right | Prod Left | Left | Thru | Right | |
| 07:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 1 | 11 |
| 07:15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 22 |
| 07:30 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 14 |
| 07:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 6 |
| Total | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 11 | 1 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 17 | 1 | 53 |
| 08:00 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 2 | 2 | 17 |
| 08:15 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 4 | 0 | 21 |
| 08:30 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 10 |
| 08:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 13 |
| Total | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 9 | 0 | 25 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 9 | 8 | 4 | 61 |
| *** BREAK *** | | | | | | | | | | | | | | | | | | | | | |
| 11:00 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 11 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 7 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 12 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 8 |
| Total | 0 | 1 | 0 | 0 | 1 | 1 | 4 | 0 | 1 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 2 | 38 |
| 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 17 |
| 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 8 |
| 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 7 |
| 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 9 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 2 | 0 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 8 | 2 | 41 |
| *** BREAK *** | | | | | | | | | | | | | | | | | | | | | |
| 16:00 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 8 |
| 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 8 |
| 16:30 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 8 |
| 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 7 |
| Total | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 0 | 1 | 7 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 11 | 0 | 31 |
| 17:00 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 8 |
| 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 9 | 1 | 18 |
| 17:30 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 5 |
| 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Total | 0 | 1 | 1 | 0 | 0 | 1 | 6 | 0 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 11 | 1 | 29 |
| Grand Total | 3 | 2 | 1 | 1 | 2 | 6 | 43 | 2 | 3 | 83 | 2 | 0 | 7 | 1 | 2 | 0 | 0 | 15 | 70 | 10 | 253 |
| Approach % | 42.8 | 28.6 | 14.3 | 14.3 | 3.8 | 11.3 | 81.1 | 3.8 | 3.4 | 94.3 | 2.3 | 0 | 70 | 10 | 20 | 0 | 0 | 15.8 | 73.7 | 10.5 | |
| Total % | 1.2 | 0.8 | 0.4 | 0.4 | 0.8 | 2.4 | 17 | 0.8 | 1.2 | 32.8 | 0.8 | 0 | 2.8 | 0.4 | 0.8 | 0 | 0 | 5.9 | 27.7 | 4 | |

McMahon Associates, Inc.

425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Transportation Engineers and Planners

Municipality: Upper Dublin Township
Location: Fitzwatertown Road &
North Hills Ave & Woodland Road
Counter: BW

File Name : woodland01w
Site Code : 81779301
Start Date : 6/12/2018
Page No : 1

Groups Printed- Pedestrians

| | Woodland Rd Southbound | North Hills Ave Southwestbound | Fitzwatertown Rd Westbound | Woodland Rd Northbound | Fitzwatertown Rd Eastbound | Int. Total |
|---------------|---------------------------|-----------------------------------|----------------------------------|---------------------------|----------------------------------|------------|
| Start Time | E/W | E/W | N/S | E/W | N/S | |
| *** BREAK *** | | | | | | |
| 07:15 | 1 | 0 | 0 | 0 | 0 | 1 |
| *** BREAK *** | | | | | | |
| 07:45 | 0 | 1 | 0 | 0 | 1 | 2 |
| Total | 1 | 1 | 0 | 0 | 1 | 3 |
| 08:00 | 0 | 0 | 0 | 1 | 0 | 1 |
| 08:15 | 1 | 0 | 0 | 0 | 0 | 1 |
| *** BREAK *** | | | | | | |
| Total | 1 | 0 | 0 | 1 | 0 | 2 |
| *** BREAK *** | | | | | | |
| 11:15 | 1 | 0 | 0 | 0 | 0 | 1 |
| *** BREAK *** | | | | | | |
| 11:45 | 1 | 0 | 0 | 1 | 0 | 2 |
| Total | 2 | 0 | 0 | 1 | 0 | 3 |
| 12:00 | 0 | 0 | 2 | 0 | 0 | 2 |
| 12:15 | 0 | 0 | 1 | 0 | 0 | 1 |
| 12:30 | 1 | 1 | 0 | 0 | 0 | 2 |
| *** BREAK *** | | | | | | |
| Total | 1 | 1 | 3 | 0 | 0 | 5 |
| *** BREAK *** | | | | | | |
| 16:15 | 0 | 1 | 0 | 0 | 0 | 1 |
| 16:30 | 1 | 1 | 0 | 0 | 0 | 2 |
| 16:45 | 0 | 0 | 0 | 1 | 0 | 1 |
| Total | 1 | 2 | 0 | 1 | 0 | 4 |
| *** BREAK *** | | | | | | |
| 17:15 | 1 | 0 | 0 | 0 | 0 | 1 |
| 17:30 | 0 | 0 | 0 | 1 | 0 | 1 |
| 17:45 | 0 | 0 | 0 | 2 | 1 | 3 |
| Total | 1 | 0 | 0 | 3 | 1 | 5 |
| Grand Total | 7 | 4 | 3 | 6 | 2 | 22 |
| Approch % | 100 | 100 | 100 | 100 | 100 | |
| Total % | 31.8 | 18.2 | 13.6 | 27.3 | 9.1 | |

ATTACHMENT D

Project Plans

ATTACHMENT E

Project Schedule

Project Schedule

Fitzwatertown Road (S.R. 2038) And Woodland Road / North Hill Avenue Traffic Signal Upgrades Abington Township, Montgomery County

The following table summarizes the anticipated schedule for the phases of the project.

| Task | Timeframe |
|----------------------------|------------------|
| Design and Approval | 4 1/2 months |
| Advertise for construction | 1-1/2 months |
| Construction | 5 months |
| TOTAL TIME | 11 months |

ATTACHMENT F

Municipal Resolution

RESOLUTION No. 18-036

**A RESOLUTION AUTHORIZING THE SUBMISSION OF
A GRANT APPLICATION FOR THE
2018 ROUND OF THE COUNTY TRANSPORTATION PROGRAM**

Whereas, Montgomery County has established the County Transportation Program as a competitive funding program to assist municipalities with improving transportation infrastructure throughout the county; and

Whereas, the County is accepting grant applications to cover part of the local match of PennDOT Green-Light Go project awards, which include projects involving traffic signal part replacements, upgrades, and retimings; and

Whereas, PennDOT awarded the Fitzwatertown Road and Woodland Road \ North Hills Road Traffic Signal Modernization project a Green Light-Go grant in 2017; and

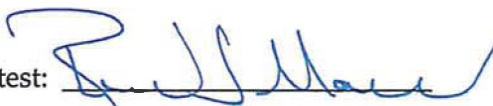
Whereas, applications and projects must meet all stated requirements within the County Transportation Program Guidebook; and

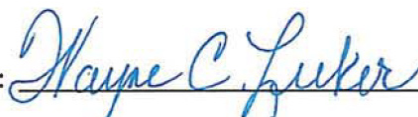
Whereas, Abington Township wishes to obtain \$37,310 from the County Transportation Program to match the local funding commitment for the Fitzwatertown Road and Woodland Road \ North Hills Road Traffic Signal Modernization project.

I, Richard Manfredi, duly qualified Secretary of the Board of Commissioners of Abington Township, Montgomery County, PA hereby certify that the forgoing is a true and correct copy of a Resolution duly adopted by a majority vote of the Board of Commissioners at a regular meeting held August 9, 2018 and said Resolution has been recorded in Minutes of the Board of Commissioners and remains in effect as of this date.

IN WITNESS THEREOF, I affix my hand and attach the seal of the Abington Township Board of Commissioners this 9th day of August 2018.

ABINGTON TOWNSHIP

Attest: 
Richard J. Manfredi, Secretary
Township Manager

By: 
Wayne C Luker, President
Board of Commissioners



NEWS

MONTGOMERY COUNTY BOARD OF COMMISSIONERS

VALERIE A. ARKOOSH, MD, MPH, CHAIR
KENNETH E. LAWRENCE, JR., VICE CHAIR
JOSEPH C. GALE, COMMISSIONER

Contact: Matt Popek, 610-278-3730 mpopek@montcopa.org



FOR IMMEDIATE RELEASE: November 9, 2018

Seventeen Municipal Projects Receive Montgomery County Transportation Program Grants

Norristown, PA (November 9, 2018) – The Montgomery County Commissioners announced that 17 projects in 13 municipalities across the county will receive Montgomery County Transportation Program grants for the 2018 selection cycle. These grants are the first to be made under a program established to utilize funding from the County's \$5 Vehicle Registration Revenue Fee revenue.

Municipalities were invited to apply during the first cycle for funds to match their own local matching contributions to approved PennDOT Green Light-Go projects from the last two years. The Green Light-Go program provides funds for traffic signal upgrades and improvements, from replacement of signal mast arms, controllers, and fixtures, to installation of fiber optic interconnections connecting the signals to regional traffic management systems, to pedestrian facility upgrades and accommodations.

Today's grant awards total \$968,361.50 across the thirteen municipalities. Projects were evaluated in terms of impact on the traveling public's commute, county and local planning consistency, project readiness, funding support, and how the grant award savings will be utilized on other projects, by a committee consisting of Montgomery County Planning Commission and Transportation Authority Board Members and interdepartmental county staff.

"These grants provide additional support to our municipalities to help them improve their traffic and pedestrian infrastructure. The awards will also create savings which will support many other worthwhile municipal projects. Even though they may not always be visible to the motoring public, these projects are important to maintaining the smooth flow of people and goods throughout the county," said Dr. Val Arkoosh, Chair of the Montgomery County Board of Commissioners.

The 17 projects that received grants in 2018 are highlighted below:

Abington – 2 Traffic Signal Upgrade Project (2018 Green Light-Go)

Abington Township will fund the replacement and modernization of traffic signal equipment at the intersections of Greenwood Avenue/Washington Lane and Jenkintown Road/Meetinghouse Road, along with upgrades to pedestrian accommodations including countdown pedestrian signals and ADA ramps.

County Transportation Program Grant Award: \$53,570

Horsham – Horsham/Dresher Modernization & Fiber Interconnect (2018 Green Light-Go)

Horsham Township will fund the replacement and modernization of traffic signal equipment at the intersection of Dresher Road and Horsham Road, along with upgrades to the fiber optic interconnect system along Dresher Road.

County Transportation Program Grant Award: \$74,703.50

Lower Merion – Wynnewood Road Adaptive Signal Extension (2018 Green Light-Go)

Lower Merion Township will fund the installation of adaptive traffic signal equipment at five intersections, along with 45 vehicle detection system repairs and upgrades, 20 Ethernet switch replacements, and 308 pedestrian signal head LED replacements.

County Transportation Program Grant Award: \$95,332

Lower Moreland – Huntingdon/Philmont Signal Modernization (2018 Green Light-Go)

Lower Moreland Township will fund the replacement and modernization of traffic signal equipment at the intersection of Huntingdon Pike/Philmont Avenue/Welsh Road and Jenkintown Road/Meetinghouse Road, along with a modification to the existing left turn lane on Philmont Avenue.

County Transportation Program Grant Award: \$49,463

Towamencin – Traffic Signal Upgrades (2018 Green Light-Go)

Towamencin Township will fund the modernization of 16 intersections with upgraded pedestrian signals, ADA-compliant pushbuttons, video and radar dilemma zone detection, and ADA ramps, along with the removal of an unwarranted traffic signal.

County Transportation Program Grant Award: \$42,700

Trappe – Main Street Controller System (2018 Green Light-Go)

Trappe Borough will fund the replacement and modernization of traffic signal equipment at the intersections of Main Street/3rd Avenue and Main Street/Trappe Center, along with upgrades to pedestrian accommodations including push buttons and ADA ramp upgrades.

County Transportation Program Grant Award: \$31,600

Upper Moreland – Byberry/Davisville Signal Modernization (2018 Green Light-Go)

Upper Moreland Township will fund the replacement and modernization of traffic signal equipment at the intersection of Davisville Road/Byberry Road, along with upgrades to pedestrian accommodations including countdown pedestrian signals and ADA ramps.

County Transportation Program Grant Award: \$31,565

Whitpain – Skippack Pike Signal Upgrades (2018 Green Light-Go)

Whitpain Township will fund the replacement and modernization of traffic signal equipment at 6 intersections along Skippack Pike between Cathcart Road and Narcissa Road, along with upgrades to pedestrian accommodations including pushbuttons and ADA ramps.

County Transportation Program Grant Award: \$30,376.50

Abington – Fitzwatertown/Woodland Signal Upgrade (2017 Green Light-Go)

Abington Township will fund the replacement and modernization of traffic signal equipment at the intersection of Fitzwatertown Road/North Hills Avenue/Woodland Road, along with upgrades to pedestrian accommodations including the installation of 10 ADA ramps.

County Transportation Program Grant Award: \$37,310

East Norriton – Germantown Pike Adaptive Traffic Signal Control (2017 Green Light-Go)

East Norriton Township will fund the installation of adaptive traffic signal control equipment at 15 intersections along Germantown Pike between Trooper Road and Arch Street.

County Transportation Program Grant Award: \$100,000

East Norriton – Video Detection Project (2017 Green Light-Go)

East Norriton Township will fund the replacement and modernization of traffic signal equipment at 9 intersections, including the installation of video detection systems to replace conventional inductive loop detectors.

County Transportation Program Grant Award: \$54,150

Hatboro – Jacksonville/Montgomery Signal Upgrade (2017 Green Light-Go)

Hatboro Borough will fund the replacement and modernization of traffic signal equipment at the intersection of Jacksonville Road/Montgomery Avenue, along with upgrades to the adjacent railroad crossing signals and pedestrian gates.

County Transportation Program Grant Award: \$100,000

Upper Dublin (multi-municipal) – Welsh Road Corridor Fiber Optic/Signal Upgrade

(2017 Green Light-Go)

Upper Dublin Township will fund the installation of fiber optic cable along over 5 miles of Welsh Road between Bethlehem Pike and Easton Road, along with upgrades to traffic signal equipment at 27 intersections.

County Transportation Program Grant Award: \$200,000

Upper Providence – Egypt Road Adaptive Signal Control (2017 Green Light-Go)

Upper Providence Township will fund the replacement and modernization of traffic signal equipment at 6 intersections on Egypt Road between Brower Avenue and Cider Mill Road, along with a tie-in of signal equipment to the regional traffic management center.

County Transportation Program Grant Award: \$29,904

Whitpain – Skippack & Pennlyn-Blue Bell Signal Upgrades (2017 Green Light-Go)

Whitpain Township will fund the replacement and modernization of traffic signal equipment at the intersection of Skippack Pike/Pennlyn-Blue Bell Pike, including video detection and automated signal performance measures.

County Transportation Program Grant Award: \$9,947.50

Worcester – Traffic Signal Upgrades (2017 Green Light-Go)

Worcester Township will fund the replacement and modernization of traffic signal equipment at the intersections of Valley Forge Road/Skipack Pike and Township Line Road/Stump Hall Road, including video detection and radar dilemma zone detection equipment.

County Transportation Program Grant Award: \$17,710

Worcester – Germantown Pike Signal Interconnect (2017 Green Light-Go)

Worcester Township will fund the replacement and modernization of traffic signal equipment at the intersection of Germantown Pike/Valley Forge Road/Park Road, along with installation of fiber optic cable along Germantown Pike from Valley Forge Road to Trooper Road.

County Transportation Program Grant Award: \$10,030

Visit www.montcopa.org/CountyTransportationProgram for more on the Montgomery County Transportation Grant Program.

**MONTGOMERY COUNTY TRANSPORTATION PROGRAM
IMPLEMENTATION GRANT AGREEMENT BETWEEN THE
COUNTY OF MONTGOMERY AND ABINGTON TOWNSHIP**

This Agreement, entered into this ____ day of _____, 201_ by and between the COUNTY OF MONTGOMERY, Commonwealth of Pennsylvania, by and through its PLANNING COMMISSION, with its principal offices at One Montgomery Plaza, PO Box 311, Norristown, PA 19404 (hereinafter referred to as the County) and ABINGTON TOWNSHIP, Commonwealth of Pennsylvania, with its principal offices at 1176 Old York Road, Abington, PA 19001 (hereinafter referred to as the Grantee).

WITNESSES:

WHEREAS, the County has created the County Transportation Program as a funding mechanism to assist municipalities in providing physical improvements that utilize funding from the Fee For Local Use program, authorized by Montgomery County Ordinance 16-4 and 75 Pa.C.S. Section 1935, and advance the goals of the county's comprehensive plan, Montco 2040: A Shared Vision; and

WHEREAS, by Resolution No. 18-C. 329, dated November 1, 2018 the County reserved funds from the Fee For Local Use/Motor Vehicle Registration Revenue line item in the amount of Fifty Three Thousand Five Hundred Seventy Dollars (\$53,570.00), (hereinafter referred to as the Grant) solely for the purpose of providing financing to the Grantee for the 2 Traffic Signal Upgrade Project as described in Exhibit A; and

WHEREAS, the purpose of this Agreement is to set forth the terms and conditions upon which the County has agreed to make the Grant to Grantee.

NOW, THEREFORE, the parties hereto, for and in consideration of the funds committed by the County hereunder and the mutual covenants of the parties set forth herein and the relative obligations, benefits and conditions set forth, conferred and imposed hereunder, and intending to be legally bound and to bind their respective successors in interest, agree as follows:

I. USE OF PROGRAM FUNDS.

A. Subject to the terms and conditions set forth herein, the County shall make the Grant to the Grantee which shall be used to complete those activities approved by the County and described in Exhibit A attached hereto, hereinafter referred to as the Project, and for no other purposes without the prior written consent of the County, which may be withheld or conditioned in its absolute and sole discretion. The Grant shall be funded in accordance with the Budget Summary and Schedule of Funding attached hereto as Exhibit B.

B. Funding agreements must be signed by the primary contact person listed on the application. The agreements must be returned to the Montgomery County Planning Commission within 45 days of mailing by the County.

C. Upon receipt of written authorization to proceed from the County, the Grantee agrees to proceed with the implementation of the Project in accordance with the terms of this Agreement. Grantee shall substantially complete the Project by **June 30, 2021**. Failure of the Grantee to substantially complete the Project by June 30, 2021 shall be a default hereunder and in such event the County may take corrective action pursuant to the provisions of this Agreement.

D. The grantee will comply with the conditions as set forth in the Commissioner's Resolution 18-C. 329 which includes the following:

1. Abington Township must follow all of the requirements of PennDOT's Green Light-Go grant program, including receiving engineering and design plan approvals before proceeding with bidding and/or installation; and

2. Abington Township is responsible for maintaining any traffic signal improvements in a state of good repair on a regular basis; and

3. Abington Township is responsible for fully disclosing to the County any details of the agreement under which these improvements are made; and

4. Abington Township will recognize Montgomery County and the County Transportation Program in any print or electronic mention of the project; and

5. Abington Township will report to Montgomery County the status and details of any projects undertaken with the savings realized by the County Transportation Program grant; and

6. The Township will have to comply fully with all of the requirements in the 2018 County Transportation Grant Program Guidebook.

E. The Project shall be completed in accordance with the Budget Summary and Schedule of Funding attached hereto as Exhibit B.

1. All necessary matching funds, as listed in the original approved application and Exhibit B of this agreement must be committed and guaranteed by the appropriate party by the date of this funding agreement, via municipal resolution or capital budget document. In addition, applicants must demonstrate that they have control of the matching funds.

F. In addition, the Grantee shall comply with the reimbursement documentation requirements set forth in detail in Exhibit C attached hereto.

II. RECORDS AND REPORTS.

A. The administrative functions and responsibilities of the County are as follows:

1. To monitor all Project records which are to be kept by the Grantee to determine that said records are being kept in accordance with the provisions of this Agreement as contained in Exhibit C and the current Program Guidebook.

2. To administer the Grant, including the disbursement thereof.

B. The administrative functions and responsibilities of the Grantee are as follows:

1. To administer and implement completely the Project, all of which shall be in accordance with all applicable State and County laws and regulations and the provisions of this Agreement.

2. To defend all lawsuits and other legal challenges directly relating to the undertaking of the Project.

3. To provide in any contract or any other agreement entered into by the Grantee with any contractor and/or subcontractor relating to the implementation of the Project to hold the County harmless from any tort liability or liability for breach of contract or other agreement arising from the Grantees undertaking of the Project.

4. To retain all documents relating to the preparation of the Project proposal, the administration and implementation of the Project and all other documents relating to the Project for a period of five (5) years after the completion of the Project.

5. To submit a status report one year from the date of this agreement and accompanying any formal project extension requests and a final report upon completion (to be furnished by the County), for each contract, which includes a comparison of actual accomplishments to the goals established for the period. Where the output of Grant/Grant programs can be readily quantified, such data for computation of unit costs, reasons why established goals were not met, and other pertinent information including, when appropriate, analysis and explanation of cost overruns or high unit costs shall be provided.

6. To submit one copy, with original signatures, of the Grantee Request for Payment Form (to be provided by the County) in accordance with the Schedule of Funding contained in Exhibit B. Each Request for Payment must be accompanied by the appropriate cost documentation as outlined in Exhibit C. The County shall reimburse the Grantee for eligible Project costs, up to the Grant amount, as a function of the local match amount for the larger Green Light-Go project.

7. To provide the County or any of its duly authorized representatives access to and copies of all records relating to the Project, including but not limited to providing

original copies of all contracts entered into by and between the Grantee and its contractors, individuals or others in conjunction with the implementation and planning of the Project.

8. To provide the County, upon request, certification by an appropriate official, designated by the Grantee's governing body, as to the accuracy and completeness of the documents retained pursuant to the requirements of Paragraph II.B.5 hereof. In communicating with the County concerning the Project, the Grantee shall direct all correspondence to the Transportation Section of the Montgomery County Planning Commission, P.O. Box 311, Norristown, PA 19404-0311.

9. To provide the County or any of its duly authorized representatives access to the site of the Project, thereby enabling the County or any of its duly authorized representatives to inspect and determine if the Grantee and/or its contractors, subcontractors, agents, servants, or employees are acting in compliance with all regulations and provisions of this Agreement.

10. To implement said Project, including, when applicable, conducting all bidding, advertising and awarding of contracts, requiring bonding and insurance in accordance with State and Federal laws and certifying to the County that the foregoing have been properly carried out.

11. To provide, when the funded activity is carried out by a party other than the applicant, a copy of the agreement (to be known as a "third party agreement") between the applicant. The third party should be included with the Exhibit C documentation sent prior to reimbursement.

III. ADMINISTRATIVE REQUIREMENTS.

A. Standards for financial management system.

1. Fiscal control and accounting procedures of the Grantee must be sufficient to:

a. Permit preparation of reports required under this Agreement and the statutes authorizing the Grant,

b. Permit tracing of funds to a level of expenditures adequate to establish that such funds have not been used in violation of the restrictions and prohibitions of applicable statutes.

2. The financial management systems of Grantee must meet the following standards:

a. Financial Reporting: Accurate, current, and complete disclosure of the financial results of financially assisted activities must be made in accordance with the financial reporting requirements of this Agreement.

b. Accounting records: Grantee must maintain records which adequately identify the source and application of funds provided for financially-assisted activities. These records must contain information pertaining to awards and authorizations, obligations, unobligated balances, assets, liabilities, outlays or expenditures, and income.

c. Internal control: Effective control and accountability must be maintained for all Grant cash, real and personal property, and other assets. Grantee must adequately safeguard all such property and must assure that it is used solely for authorized purposes.

d. Budget Control: Actual expenditures or outlays must be compared with budgeted amounts for each Grant. Financial information must be related to performance or productivity date, including the development of unit cost information whenever appropriate or specifically required. If unit cost data are required, estimates based on available documentation will be accepted whenever possible.

e. Allowable cost: Applicable agency program regulations will be followed in determining the reasonableness, allowability, and allocability of costs.

f. Source documentation: Accounting records must be supported by such source documentation as canceled checks, paid bills, payrolls, time and attendance records, contract documents, etc.

B. Procurement:

1. Procurement Standards: Grantee will use its own procurement procedures which reflect applicable State and local laws and regulations.

2. Bidding and Cost Documentation is to be in accordance with the County Transportation Program Guidebook.

C. Allowable costs.

1. Limitation on use of funds. County Transportation Program funds must be used only for:

a. The allowable costs of the Grantee, and cost-type contractors, including allowable costs in the form of payments to fixed-price contractors; and

b. Reasonable fees or profit to cost-type contractors but not any fee or profit (or other increment above allowable costs) to the Grantee.

2. Applicable cost principles. Allowable cost will be determined in accordance with the cost principles applicable to the organization incurring the costs.

D. Payment:

1. Payment to Grantee shall be made in accordance with the funding schedule set forth in Exhibit B.

2. Reimbursement for Grants will be handled by the Montgomery County Planning Commission in accordance with the procedures as set forth in the current guidebook. A copy of the required Payment Request Form is included both in the guidebook and as Exhibit D to this document.

3. The timing of reimbursements will in accordance with the County Transportation Program Guidebook.

4. Grantee must notify in writing the Planning Commission when not continuing with a project or not using all of their contracted County funds for a project.

V. CONFLICT OF INTEREST.

A. No member of the governing body of the County or the Grantee, and no other public official of the County or Grantee who exercises any function or responsibilities with respect to the Project during his/her tenure and for one (1) year thereafter, shall have any interest, direct or indirect, in any contract or subcontract, or the proceeds thereof, for work to be performed in connection with the Grant, and Grantee shall incorporate, or cause to be incorporated, in all such contracts or subcontracts a provision prohibiting such interest pursuant to the purposes of this clause, unless such interest, direct or indirect, is allowed by the Pennsylvania State Ethics code.

B. The Ethics law must be read in conjunction with the provisions of the applicable Municipal Code and the most restrictive provision followed. The code provisions read in conjunction with the Ethics Law restrictions severely limit the opportunity of making a legal contract where an elected official has a personal interest.

VI. SUSPENSION AND TERMINATION:

A. In the event that the County in its sole discretion determines that the Grantee is not administering or implementing the Project in accordance with the requirements of the County Transportation Program, and/or the provisions of this Agreement, the County shall advise the Grantee in writing of the specific reasons the Grantee is not so administering or implementing the Project in accordance with the County Transportation Program, and/or the provisions of this Agreement. If the Grantee within ten (10) days from the date of said written notice, fails to institute the corrective measures, in the sole opinion of the County, necessary to bring the implementation and administration of the Project into compliance with the provisions of the County Transportation Program, and the provisions of this Agreement or otherwise fails to properly administer or implement the Project in

accordance with the County Transportation Program, and/or provisions of this Agreement, the County, at its discretion, shall have the right to:

1. Suspend this Agreement and to suspend the funding of the Project until said corrective measures have been effected by the Grantee to bring implementation and administration of the Project into compliance with the provisions of the County Transportation Program and the provisions of the Agreement;

2. Institute corrective measures in order to bring the implementation and administration of the Project into compliance with the provisions of this Agreement;

3. Assume responsibility for the administration and implementation of the Project; and/or

4. Recapture funds and void grants or loans for violations of the procedures in this guidebook, for failure of a project, for inability to meet required benchmarks, or for inability to comply with the timeframes in this guidebook;

5. Require funds for a construction or building project that is subsequently demolished, rendered unusable due to poor construction or maintenance, not used for its original intent, or removed before its expected useful life has expired to be paid back to the County on a pro-rata basis, based on the amount of County funds and the amount of time remaining on the expected useful life of the project as determined by the County.

6. Terminate this Agreement and withdraw or reduce funding for the Project.

B. The above rights are cumulative. Failure of the County to exercise its rights immediately shall not constitute a waiver by the County, nor shall the County be estopped from exercising these rights at any time.

C. If the County elects to institute corrective measures to bring the implementation and administration of the Project into compliance by assuming the administration and implementation of the Project, the County reserves the right to charge the Grantee for the costs and expenses relative to the design and construction of the Project.

D. The County may deduct said charges from the Grantee's share of County Transportation Program funds and/or demand and receive reimbursement by the Grantee for said charges. The County, by exercising any of the rights set forth in this Paragraph shall incur no liability direct or indirect, to the Grantee, its contractors, subcontractors, agents, servants or employees as a result of such action.

E. The Grantee hereby agrees for itself, its agents, servants, employees, contractors and subcontractors, to hold the County harmless for any causes of action arising out of the implementation of the Project or any actions incident thereto.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written.

MONTGOMERY COUNTY, Grantor

Attested

By: _____
Valerie A. Arkoosh, MD, MPH, Chair

Name

By: _____
Kenneth E. Lawrence, Jr., Vice Chair

Title

By: _____
Joseph C. Gale, Commissioner

ABINGTON TOWNSHIP, Grantee:

Attested

By: _____

Name

Name: _____

Title:

Title: _____

**EXHIBIT A:
PROJECT NARRATIVE for TP-18-01-001**

Abington Township has submitted a complete grant application to fund the replacement and modernization of traffic signal equipment at the intersections of Greenwood Avenue/Washington Lane and Jenkintown Road/Meetinghouse Road, along with upgrades to pedestrian accommodations including countdown pedestrian signals and ADA ramps.

**EXHIBIT B:
 Project Budget Summary and Schedule of Funding for TP-18-01-001**

| Project Phase: | Estimated Project Cost: | County Transportation Grant: | Boro/Township Match: | **Other Funding Sources: |
|----------------|-------------------------|------------------------------|----------------------|--------------------------|
| Final Design | \$29,500.00 | \$0.00 | \$0.00 | \$29,500.00 |
| Construction | \$506,200.00 | \$53,570.00 | \$53,570.00 | \$399,060.00 |
| | | | | |
| | | | | |
| Totals: | \$ 535,700.00 | \$ 53,570.00 | \$ 53,570.00 | \$ 428,560.00 |

| | | |
|---------------------------------|-----------------------|--|
| **Other Funding Sources: | State Funds: | <u>\$428,560(Green Light-Go Grant Award)</u> |
| | Federal Funds: | <u>\$0.00</u> |
| | County Funds: | <u>\$0.00</u> |
| | Private Funds: | <u>\$0.00</u> |

Schedule of Funding

| Phase | Completion Date | Comments |
|---|-----------------|--|
| Grant agreement signed by municipality and County | 02/01/2019 | Date based on the agreement received date of 12/18/2018 and the required 45 day completion deadline. |
| All other grants are committed and guaranteed | XX/XX/XXXX | Date based on the effective date specified in the Green Light-Go Grant/Reimbursement Agreement. |
| Planning and/or design of project completed | 12/01/2019 | Date based on an assumed timeline of PennDOT's plan review and approval process. |
| Project started by | 4/01/2019 | Date includes public bidding period, award process, and pre-construction activities. |
| Project 50% completed by | 8/1/2019 | Based upon assumed project duration of 8 months |

EXHIBIT C: Construction Project and Cost Documentation

Project Number: TP-18-01-001 Municipality: Abington Township

Project Title: 2 Traffic Signal Upgrade Project Expiration Date: 6/30/2021

Grant Project Cost Information Checklists:

A. Bidding/Letting Checklist:

Submit to Montgomery County Planning Commission (MCPC):

 Solicitation of Quotes: determine specification of item(s) to be procured. Use written notification, e-mail, phone, etc. to collect price quotes. At least three proposals should be tabulated for price comparison.

 Schedule and Advertising for Construction bids:

1. Date of Advertisement: _____

2. Date of bid opening: _____

 Bid Tabulation/Provider Scoring & Justification

 Municipal Resolution to Award Contract

 Award Letter to Contractor to Perform Work (if applicable)

 Copy of Signed Agreement with Contractor(s)

 Notice to Proceed Letter to Contractor

B. Bid Package Checklist:

Submit to Montgomery County Planning Commission (MCPC):

 Final Plans

 Bid Package prior to dissemination to bidders

 Contractor's Schedule of Values, (Purchase Orders, Price Quotes, Change Orders, if applicable)

NOTE: ALL documentation must be on file before processing of Request for Payment form.

EXHIBIT D: Payment Request Form

NOTE: Request for Payment form must be sent in with original signatures. Lack of documentation impedes the reimbursement process.

This form is also located in the County Transportation Program Guidebook.

County Transportation Program 2018

Payment Request Form

County Transportation Program
Montgomery County, Pennsylvania

Please remit this form to: Montgomery County Planning Commission

PO Box 311, Norristown, PA 19404-0311

Project Name: _____

Project Number (if a number has been assigned by the county): _____

Brief project description: _____

Municipality Name _____

Municipal Contact's address, email address, and phone number: _____

Date of executed funding agreement: _____

What stage of the project is this request covering? end of design 50% construction 100% construction

Amount of total invoice(s) (attach copies of invoices and cashed checks): \$ _____

Reimbursement percentage and amount of payment request _____ % \$ _____

I hereby certify that I have reviewed the attached invoice(s) and find that, to the best of my knowledge, this payment request is an accurate and complete documentation of the project costs and complies fully with all the requirements of the County Transportation Program and is in accordance with the provisions of the Funding Agreement for this project. Accordingly, I have enclosed one copy of the subject invoice and do hereby request reimbursement/authorize payment on behalf of the above named Grantee.

Signature: _____ Name: _____

Date: _____ Title: _____

For Montgomery County Use Only

| | | |
|--|-----------------------------|-------------|
| <i>Compliance Documentation</i> | Grant Amount: | \$ _____ |
| Contract Documentation Received: _____ | Previous Payments | \$ _____ |
| Project Up to Date: _____ | Balance: | \$ _____ |
| Project Problems: _____ | Request this Payment: | \$ _____ |
| _____ | Payment Authorized Hereby: | \$ _____ |
| _____ | Remaining Funds: | \$ _____ |
| Project Manager: _____ Date: _____ | | |
| Program Administrator: _____ Date: _____ | | |
| Funding Documentation | <i>Financial Accountant</i> | <i>Date</i> |
| Payment Number: _____ | | |

**MONTGOMERY COUNTY TRANSPORTATION PROGRAM
IMPLEMENTATION GRANT AGREEMENT BETWEEN THE
COUNTY OF MONTGOMERY AND ABINGTON TOWNSHIP**

This Agreement, entered into this ____ day of _____, 201_ by and between the COUNTY OF MONTGOMERY, Commonwealth of Pennsylvania, by and through its PLANNING COMMISSION, with its principal offices at One Montgomery Plaza, PO Box 311, Norristown, PA 19404 (hereinafter referred to as the County) and ABINGTON TOWNSHIP, Commonwealth of Pennsylvania, with its principal offices at 1176 Old York Road, Abington, PA 19001 (hereinafter referred to as the Grantee).

WITNESSES:

WHEREAS, the County has created the County Transportation Program as a funding mechanism to assist municipalities in providing physical improvements that utilize funding from the Fee For Local Use program, authorized by Montgomery County Ordinance 16-4 and 75 Pa.C.S. Section 1935, and advance the goals of the county's comprehensive plan, Montco 2040: A Shared Vision; and

WHEREAS, by Resolution No. 18-C. 329, dated November 1, 2018 the County reserved funds from the Fee For Local Use/Motor Vehicle Registration Revenue line item in the amount of Thirty Seven Thousand Three Hundred Ten Dollars (\$37,310.00), (hereinafter referred to as the Grant) solely for the purpose of providing financing to the Grantee for the Fitzwatertown/Woodland/North Hills Signal Upgrade Project as described in Exhibit A; and

WHEREAS, the purpose of this Agreement is to set forth the terms and conditions upon which the County has agreed to make the Grant to Grantee.

NOW, THEREFORE, the parties hereto, for and in consideration of the funds committed by the County hereunder and the mutual covenants of the parties set forth herein and the relative obligations, benefits and conditions set forth, conferred and imposed hereunder, and intending to be legally bound and to bind their respective successors in interest, agree as follows:

I. USE OF PROGRAM FUNDS.

A. Subject to the terms and conditions set forth herein, the County shall make the Grant to the Grantee which shall be used to complete those activities approved by the County and described in Exhibit A attached hereto, hereinafter referred to as the Project, and for no other purposes without the prior written consent of the County, which may be withheld or conditioned in its absolute and sole discretion. The Grant shall be funded in accordance with the Budget Summary and Schedule of Funding attached hereto as Exhibit B.

B. Funding agreements must be signed by the primary contact person listed on the application. The agreements must be returned to the Montgomery County Planning Commission within 45 days of mailing by the County.

C. Upon receipt of written authorization to proceed from the County, the Grantee agrees to proceed with the implementation of the Project in accordance with the terms of this Agreement. Grantee shall substantially complete the Project by **June 30, 2021**. Failure of the Grantee to substantially complete the Project by June 30, 2021 shall be a default hereunder and in such event the County may take corrective action pursuant to the provisions of this Agreement.

D. The grantee will comply with the conditions as set forth in the Commissioner's Resolution 18-C. 329 which includes the following:

1. Abington Township must follow all of the requirements of PennDOT's Green Light-Go grant program, including receiving engineering and design plan approvals before proceeding with bidding and/or installation; and

2. Abington Township is responsible for maintaining any traffic signal improvements in a state of good repair on a regular basis; and

3. Abington Township is responsible for fully disclosing to the County any details of the agreement under which these improvements are made; and

4. Abington Township will recognize Montgomery County and the County Transportation Program in any print or electronic mention of the project; and

5. Abington Township will report to Montgomery County the status and details of any projects undertaken with the savings realized by the County Transportation Program grant; and

6. The Township will have to comply fully with all of the requirements in the 2018 County Transportation Grant Program Guidebook.

E. The Project shall be completed in accordance with the Budget Summary and Schedule of Funding attached hereto as Exhibit B.

1. All necessary matching funds, as listed in the original approved application and Exhibit B of this agreement must be committed and guaranteed by the appropriate party by the date of this funding agreement, via municipal resolution or capital budget document. In addition, applicants must demonstrate that they have control of the matching funds.

F. In addition, the Grantee shall comply with the reimbursement documentation requirements set forth in detail in Exhibit C attached hereto.

II. RECORDS AND REPORTS.

A. The administrative functions and responsibilities of the County are as follows:

1. To monitor all Project records which are to be kept by the Grantee to determine that said records are being kept in accordance with the provisions of this Agreement as contained in Exhibit C and the current Program Guidebook.

2. To administer the Grant, including the disbursement thereof.

B. The administrative functions and responsibilities of the Grantee are as follows:

1. To administer and implement completely the Project, all of which shall be in accordance with all applicable State and County laws and regulations and the provisions of this Agreement.

2. To defend all lawsuits and other legal challenges directly relating to the undertaking of the Project.

3. To provide in any contract or any other agreement entered into by the Grantee with any contractor and/or subcontractor relating to the implementation of the Project to hold the County harmless from any tort liability or liability for breach of contract or other agreement arising from the Grantees undertaking of the Project.

4. To retain all documents relating to the preparation of the Project proposal, the administration and implementation of the Project and all other documents relating to the Project for a period of five (5) years after the completion of the Project.

5. To submit a status report one year from the date of this agreement and accompanying any formal project extension requests and a final report upon completion (to be furnished by the County), for each contract, which includes a comparison of actual accomplishments to the goals established for the period. Where the output of Grant/Grant programs can be readily quantified, such data for computation of unit costs, reasons why established goals were not met, and other pertinent information including, when appropriate, analysis and explanation of cost overruns or high unit costs shall be provided.

6. To submit one copy, with original signatures, of the Grantee Request for Payment Form (to be provided by the County) in accordance with the Schedule of Funding contained in Exhibit B. Each Request for Payment must be accompanied by the appropriate cost documentation as outlined in Exhibit C. The County shall reimburse the Grantee for eligible Project costs, up to the Grant amount, as a function of the local match amount for the larger Green Light-Go project.

7. To provide the County or any of its duly authorized representatives access to and copies of all records relating to the Project, including but not limited to providing

original copies of all contracts entered into by and between the Grantee and its contractors, individuals or others in conjunction with the implementation and planning of the Project.

8. To provide the County, upon request, certification by an appropriate official, designated by the Grantee's governing body, as to the accuracy and completeness of the documents retained pursuant to the requirements of Paragraph II.B.5 hereof. In communicating with the County concerning the Project, the Grantee shall direct all correspondence to the Transportation Section of the Montgomery County Planning Commission, P.O. Box 311, Norristown, PA 19404-0311.

9. To provide the County or any of its duly authorized representatives access to the site of the Project, thereby enabling the County or any of its duly authorized representatives to inspect and determine if the Grantee and/or its contractors, subcontractors, agents, servants, or employees are acting in compliance with all regulations and provisions of this Agreement.

10. To implement said Project, including, when applicable, conducting all bidding, advertising and awarding of contracts, requiring bonding and insurance in accordance with State and Federal laws and certifying to the County that the foregoing have been properly carried out.

11. To provide, when the funded activity is carried out by a party other than the applicant, a copy of the agreement (to be known as a "third party agreement") between the applicant. The third party should be included with the Exhibit C documentation sent prior to reimbursement.

III. ADMINISTRATIVE REQUIREMENTS.

A. Standards for financial management system.

1. Fiscal control and accounting procedures of the Grantee must be sufficient to:

a. Permit preparation of reports required under this Agreement and the statutes authorizing the Grant,

b. Permit tracing of funds to a level of expenditures adequate to establish that such funds have not been used in violation of the restrictions and prohibitions of applicable statutes.

2. The financial management systems of Grantee must meet the following standards:

a. **Financial Reporting:** Accurate, current, and complete disclosure of the financial results of financially assisted activities must be made in accordance with the financial reporting requirements of this Agreement.

b. Accounting records: Grantee must maintain records which adequately identify the source and application of funds provided for financially-assisted activities. These records must contain information pertaining to awards and authorizations, obligations, unobligated balances, assets, liabilities, outlays or expenditures, and income.

c. Internal control: Effective control and accountability must be maintained for all Grant cash, real and personal property, and other assets. Grantee must adequately safeguard all such property and must assure that it is used solely for authorized purposes.

d. Budget Control: Actual expenditures or outlays must be compared with budgeted amounts for each Grant. Financial information must be related to performance or productivity date, including the development of unit cost information whenever appropriate or specifically required. If unit cost data are required, estimates based on available documentation will be accepted whenever possible.

e. Allowable cost: Applicable agency program regulations will be followed in determining the reasonableness, allowability, and allocability of costs.

f. Source documentation: Accounting records must be supported by such source documentation as canceled checks, paid bills, payrolls, time and attendance records, contract documents, etc.

B. Procurement:

1. Procurement Standards: Grantee will use its own procurement procedures which reflect applicable State and local laws and regulations.

2. Bidding and Cost Documentation is to be in accordance with the County Transportation Program Guidebook.

C. Allowable costs.

1. Limitation on use of funds. County Transportation Program funds must be used only for:

a. The allowable costs of the Grantee, and cost-type contractors, including allowable costs in the form of payments to fixed-price contractors; and

b. Reasonable fees or profit to cost-type contractors but not any fee or profit (or other increment above allowable costs) to the Grantee.

2. Applicable cost principles. Allowable cost will be determined in accordance with the cost principles applicable to the organization incurring the costs.

D. Payment:

1. Payment to Grantee shall be made in accordance with the funding schedule set forth in Exhibit B.

2. Reimbursement for Grants will be handled by the Montgomery County Planning Commission in accordance with the procedures as set forth in the current guidebook. A copy of the required Payment Request Form is included both in the guidebook and as Exhibit D to this document.

3. The timing of reimbursements will in accordance with the County Transportation Program Guidebook.

4. Grantee must notify in writing the Planning Commission when not continuing with a project or not using all of their contracted County funds for a project.

V. **CONFLICT OF INTEREST.**

A. No member of the governing body of the County or the Grantee, and no other public official of the County or Grantee who exercises any function or responsibilities with respect to the Project during his/her tenure and for one (1) year thereafter, shall have any interest, direct or indirect, in any contract or subcontract, or the proceeds thereof, for work to be performed in connection with the Grant, and Grantee shall incorporate, or cause to be incorporated, in all such contracts or subcontracts a provision prohibiting such interest pursuant to the purposes of this clause, unless such interest, direct or indirect, is allowed by the Pennsylvania State Ethics code.

B. The Ethics law must be read in conjunction with the provisions of the applicable Municipal Code and the most restrictive provision followed. The code provisions read in conjunction with the Ethics Law restrictions severely limit the opportunity of making a legal contract where an elected official has a personal interest.

VI. **SUSPENSION AND TERMINATION:**

A. In the event that the County in its sole discretion determines that the Grantee is not administering or implementing the Project in accordance with the requirements of the County Transportation Program, and/or the provisions of this Agreement, the County shall advise the Grantee in writing of the specific reasons the Grantee is not so administering or implementing the Project in accordance with the County Transportation Program, and/or the provisions of this Agreement. If the Grantee within ten (10) days from the date of said written notice, fails to institute the corrective measures, in the sole opinion of the County, necessary to bring the implementation and administration of the Project into compliance with the provisions of the County Transportation Program, and the provisions of this Agreement or otherwise fails to properly administer or implement the Project in

accordance with the County Transportation Program, and/or provisions of this Agreement, the County, at its discretion, shall have the right to:

1. Suspend this Agreement and to suspend the funding of the Project until said corrective measures have been effected by the Grantee to bring implementation and administration of the Project into compliance with the provisions of the County Transportation Program and the provisions of the Agreement;

2. Institute corrective measures in order to bring the implementation and administration of the Project into compliance with the provisions of this Agreement;

3. Assume responsibility for the administration and implementation of the Project; and/or

4. Recapture funds and void grants or loans for violations of the procedures in this guidebook, for failure of a project, for inability to meet required benchmarks, or for inability to comply with the timeframes in this guidebook;

5. Require funds for a construction or building project that is subsequently demolished, rendered unusable due to poor construction or maintenance, not used for its original intent, or removed before its expected useful life has expired to be paid back to the County on a pro-rata basis, based on the amount of County funds and the amount of time remaining on the expected useful life of the project as determined by the County.

6. Terminate this Agreement and withdraw or reduce funding for the Project.

B. The above rights are cumulative. Failure of the County to exercise its rights immediately shall not constitute a waiver by the County, nor shall the County be estopped from exercising these rights at any time.

C. If the County elects to institute corrective measures to bring the implementation and administration of the Project into compliance by assuming the administration and implementation of the Project, the County reserves the right to charge the Grantee for the costs and expenses relative to the design and construction of the Project.

D. The County may deduct said charges from the Grantee's share of County Transportation Program funds and/or demand and receive reimbursement by the Grantee for said charges. The County, by exercising any of the rights set forth in this Paragraph shall incur no liability direct or indirect, to the Grantee, its contractors, subcontractors, agents, servants or employees as a result of such action.

E. The Grantee hereby agrees for itself, its agents, servants, employees, contractors and subcontractors, to hold the County harmless for any causes of action arising out of the implementation of the Project or any actions incident thereto.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written.

MONTGOMERY COUNTY, Grantor

Attested

By: _____
Valerie A. Arkoosh, MD, MPH, Chair

Name

By: _____
Kenneth E. Lawrence, Jr., Vice Chair

Title

By: _____
Joseph C. Gale, Commissioner

ABINGTON TOWNSHIP, Grantee:

Attested

By: _____

Name _____

Name: _____

Title: _____

Title: _____

**EXHIBIT A:
PROJECT NARRATIVE for TP-18-01-009**

Abington Township has submitted a complete grant application to fund the replacement and modernization of traffic signal equipment at the intersection of Fitzwatertown Road/North Hills Avenue/Woodland Road, along with upgrades to pedestrian accommodations including the installation of 10 ADA ramps.

**EXHIBIT B:
 Project Budget Summary and Schedule of Funding for TP-18-01-009**

| Project Phase: | Estimated Project Cost: | County Transportation Grant: | Boro/Township Match: | **Other Funding Sources: |
|-----------------------|--------------------------------|-------------------------------------|-----------------------------|---------------------------------|
| Final Design | \$27,500.00 | \$0.00 | \$0.00 | \$27,500.00 |
| Construction | \$345,600.00 | \$37,310.00 | \$37,310.00 | \$270,980.00 |
| | | | | |
| | | | | |
| Totals: | \$ 373,100.00 | \$ 37,310.00 | \$ 37,310.00 | \$ 298,480.00 |

****Other Funding Sources:**

State Funds: \$298,480(Green Light-Go Grant Award)

Federal Funds: \$0.00

County Funds: \$0.00

Private Funds: \$0.00

Schedule of Funding

| Phase | Completion Date | Comments |
|---|------------------------|--|
| Grant agreement signed by municipality and County | 02/01/2019 | Date based on the agreement received date of 12/18/2018 and the required 45 day completion deadline. |
| All other grants are committed and guaranteed | XX/XX/XXXX | Date based on the effective date specified in the Green Light-Go Grant/Reimbursement Agreement. |
| Planning and/or design of project completed | 3/01/2019 | Date based on an assumed timeline of PennDOT's plan review and approval process. |
| Project started by | 8/01/2019 | Date includes public bidding period, award process, and pre-construction activities. |
| Project 50% completed by | 11/1/2019 | Based upon assumed project duration of 6 months |

EXHIBIT C: Construction Project and Cost Documentation

Project Number: TP-18-01-009 **Municipality:** Abington Township

Project Title: Fitzwatertown/Woodland/North Hills Signals **Expiration Date:** 6/30/2021

Grant Project Cost Information Checklists:

A. Bidding/Letting Checklist:

Submit to Montgomery County Planning Commission (MCPC):

_____ **Solicitation of Quotes:** determine specification of item(s) to be procured. Use written notification, e-mail, phone, etc. to collect price quotes. At least three proposals should be tabulated for price comparison.

_____ **Schedule and Advertising for Construction bids:**

1. **Date of Advertisement:** _____

2. **Date of bid opening:** _____

_____ **Bid Tabulation/Provider Scoring & Justification**

_____ **Municipal Resolution to Award Contract**

_____ **Award Letter to Contractor to Perform Work (if applicable)**

_____ **Copy of Signed Agreement with Contractor(s)**

_____ **Notice to Proceed Letter to Contractor**

B. Bid Package Checklist:

Submit to Montgomery County Planning Commission (MCPC):

_____ **Final Plans**

_____ **Bid Package prior to dissemination to bidders**

_____ **Contractor's Schedule of Values, (Purchase Orders, Price Quotes, Change Orders, if applicable)**

NOTE: ALL documentation must be on file before processing of Request for Payment form.

EXHIBIT D: Payment Request Form

NOTE: Request for Payment form must be sent in with original signatures. Lack of documentation impedes the reimbursement process.

This form is also located in the County Transportation Program Guidebook.

County Transportation Program 2018

Payment Request Form

County Transportation Program
Montgomery County, Pennsylvania

Please remit this form to: Montgomery County Planning Commission

PO Box 311, Norristown, PA 19404-0311

Project Name: _____

Project Number (if a number has been assigned by the county): _____

Brief project description: _____

Municipality Name: _____

Municipal Contact's address, email address, and phone number: _____

Date of executed funding agreement: _____

What stage of the project is this request covering? end of design 50% construction 100% construction

Amount of total invoice(s) (attach copies of invoices and cashed checks): \$ _____

Reimbursement percentage and amount of payment request _____ % \$ _____

I hereby certify that I have reviewed the attached invoice(s) and find that, to the best of my knowledge, this payment request is an accurate and complete documentation of the project costs and complies fully with all the requirements of the County Transportation Program and is in accordance with the provisions of the Funding Agreement for this project. Accordingly, I have enclosed one copy of the subject invoice and do hereby request reimbursement/authorize payment on behalf of the above named Grantee.

Signature: _____ Name: _____

Date: _____ Title: _____

For Montgomery County Use Only

Compliance Documentation Grant Amount: \$ _____

Contract Documentation Received: _____ Previous Payments: \$ _____

Project Up to Date: _____ Balance: \$ _____

Project Problems: _____ Request this Payment: \$ _____

_____ Payment Authorized Hereby: \$ _____

_____ Remaining Funds: \$ _____

Project Manager: _____ Date: _____

Program Administrator: _____ Date: _____

Funding Documentation Financial Accountant Date

Payment Number: _____



PUBLIC WORKS COMMITTEE

AGENDA ITEM

February 20, 2019

PW-02-031419

DATE

AGENDA ITEM NUMBER

Public Works

DEPARTMENT

FISCAL IMPACT

Cost > \$10,000.

Yes



No



PUBLIC BID REQUIRED

Cost > \$20,100

Yes



No



AGENDA ITEM:

Bid Award - 2019 Super Pave Materials Bid

EXECUTIVE SUMMARY:

The bid was advertised in the Times Chronicle on Sunday, January 20, 2019 and on Sunday, January 27, 2019. The bid was also posted on the Township's website. Three (3) bids were received. Bids were opened at a meeting open to the public on February 12, 2019. This was a three part bid with each part being awarded separately in order to get the best possible price for the township.

Eureka Stone Quarry, Inc. was the lowest responsible bidder of Part 1 and Part 3 coming in at \$1,056,000.00 and \$44,850.00 for a total of \$1,100,850.00.

Glasgow, Inc. was the lowest responsible bidder of Part 2 of the Super-Pave Bid coming in at \$28,020.00.

We have used both Eureka Stone Quarry, Inc. and Glasgow, Inc. in years passed and are satisfied with both their products. The materials will be used primarily for our overlay program as well as smaller jobs including permanent patching but will also be used by other township departments. A copy of the Bid tabulation sheet is included for your review.

PREVIOUS BOARD ACTIONS:

This is a yearly bid that is prepared, advertised and managed by the Public Works Department primarily for our Overlay Program, patching and other projects.

RECOMMENDED BOARD ACTION:

Motion to award Eureka Stone Quarry, Inc. as lowest responsible bidder of Part 1 and Part 3 of the Super-Pave Bid and to authorize the Township Manager to execute a contract with Eureka Stone Quarry, Inc. in the amount of \$1,100,850.00 for the purchase and delivery of Super-Pave paving materials as per bid specifications.

Motion to award Glasgow, Inc. as lowest responsible bidder of Part 2 of the Super-Pave Bid and to authorize the Township Manager to execute a contract with Glasgow, Inc. in the amount of \$28,020.00 for the purchase of Super-Pave paving materials as per bid specifications.



TOWNSHIP OF ABINGTON

Office of the Township Manager

Richard J. Manfredi
Township Manager

FISCAL NOTE

AGENDA ITEM NUMBER: PW-02-031419

DATE INTRODUCED: February 13, 2019

FISCAL IMPACT AMOUNT: 1,128,870.00

FUND:

FISCAL IMPACT:

YES

NO

FISCAL IMPACT

Cost > \$10,000.

Yes

No

SUMMARY

This bid is for the overlay of our proposed roads to be overlaid in 2019. The roads proposed are a combination of Aqua and PECO projects and township proposed roads.

ANALYSIS

The township receives reimbursement from Aqua and PECO for their projects that the township completes with overlay.



PUBLIC WORKS COMMITTEE

AGENDA ITEM

February 20, 2019

DATE

Public Works

DEPARTMENT

PW-03-031419

AGENDA ITEM NUMBER

FISCAL IMPACT

Cost > \$10,000.

Yes



No



PUBLIC BID REQUIRED

Cost > \$20,100

Yes



No



AGENDA ITEM:

Bid Award - Ready Mix Concrete

EXECUTIVE SUMMARY:

This bid was advertised in the Times Chronicle on Sunday, January 20, 2019 and Sunday, January 27, 2019. The bid was also posted on the Township's website.

Two (2) bids were received. Bids were opened at a meeting open to the public on February 12, 2019. Delaware Valley Concrete was the lowest responsible bid with a total bid of \$7,000.00. Delaware Valley Concrete has won the bid consecutively for the last three (3) years and we are satisfied with their product.

A copy of the bid tabulation sheet is included for your review.

PREVIOUS BOARD ACTIONS:

This is a yearly bid that is prepared, advertised and managed by the Public Works Department.

RECOMMENDED BOARD ACTION:

Motion to award Delaware Valley Concrete Co., Inc. as lowest responsible bidder and to authorize the Township Manager to execute a contract with Delaware Valley Concrete Co., Inc. in the amount of \$7,000.00 for the purchase and delivery of Ready Mix Concrete as per the bid specifications.



TOWNSHIP OF ABINGTON

Office of the Township Manager

Richard J. Manfredi
Township Manager

FISCAL NOTE

AGENDA ITEM NUMBER: PW-03-031419

DATE INTRODUCED: February 13, 2019

FISCAL IMPACT AMOUNT: \$7,000.00

FUND:

FISCAL IMPACT:



YES



NO

FISCAL IMPACT

Cost > \$10,000.

Yes



No



SUMMARY

The bids came in under the amount required for bidding purposes. The reason we put this out to bid is that the township currently purchases concrete below the amount required for bidding but with the creation of the new Construction Services Program to complete Capital Improvement projects in-house and the Township's in-kind services commitment for grant work we estimate exceeding the threshold over the next 5 years.

ANALYSIS

The 2019 Capital Improvement Projects are approved and funded as well as the in-kind services for grant work. Last year (2018) was the first year using our in-house construction services crew and we increased our yearly total concrete purchase from 76.5 cubic yards in 2017 to 110.5 cubic yards in 2018. This year (2019) we will begin the in-kind grant work and expect another increase in the total cubic yards purchased.



PUBLIC WORKS COMMITTEE

AGENDA ITEM

February 20, 2019

DATE

Public Works

DEPARTMENT

PW-04-031419

AGENDA ITEM NUMBER

FISCAL IMPACT

Cost > \$10,000.

Yes



No



PUBLIC BID REQUIRED

Cost > \$20,100

Yes



No



AGENDA ITEM:

Bid Award - 2019 Storm Sewer Inlets and Manhole Structures Bid

EXECUTIVE SUMMARY:

This bid was advertised in the Times Chronicle on Sunday, January 20, 2019 and Sunday, January 27, 2019. The bid was also posted on the Township's website.

Two (2) bids were received. Bids were opened at a meeting open to the public on February 12, 2019. Commonwealth Precast, Inc. was the lowest responsible bid with a total bid of \$2,415.00. Commonwealth Precast, Inc. was awarded the bid in 2018 as well. We have been very pleased with Commonwealth Precast, Inc.'s products and service and are confident that they will continue to provide satisfactory services to the township.

A copy of the bid tabulation sheet is included for your review.

The materials from this bid will be used by the new Construction Services crew that was approved in the 2018 budget for Capital Improvement Projects and in-kind services for grant work that the township has committed to.

PREVIOUS BOARD ACTIONS:

This is a yearly bid that is prepared, advertised and managed by the Public Works Department.

RECOMMENDED BOARD ACTION:

Motion to award Commonwealth Precast, Inc. as the lowest responsible bidder for the 2019 Storm Sewer Inlets and Manhole Structures Bid and authorize the Township Manager to execute a contract for \$2,415.00 with Commonwealth Precast, Inc.



TOWNSHIP OF ABINGTON

Office of the Township Manager

Richard J. Manfredi
Township Manager

FISCAL NOTE

AGENDA ITEM NUMBER: PW-04-031419

DATE INTRODUCED: February 15, 2019

FISCAL IMPACT AMOUNT:

FUND:

FISCAL IMPACT:

YES

NO

FISCAL IMPACT

Cost > \$10,000.

Yes

No

SUMMARY

This bid is for the purchase of materials to be used for the In-House Capital Improvements Projects and for in-kind services that the township has committed to completing for a number of intersection improvement grants.

ANALYSIS

The 2019 Capital Improvement Projects are already approved and funded and the in-kind services for grant work has been approved and funded as well. The in-kind services significantly reduces the township match portion of the grants.



PUBLIC WORKS COMMITTEE

AGENDA ITEM

February 20, 2019

DATE

Public Works

DEPARTMENT

PW-05-031419

AGENDA ITEM NUMBER

FISCAL IMPACT

Cost > \$10,000.

Yes



No



PUBLIC BID REQUIRED

Cost > \$20,100

Yes



No



AGENDA ITEM:

Bid Award - 2019 Milling Project

EXECUTIVE SUMMARY:

This bid was advertised in the Times Chronicle on Sunday, January 20, 2019 and Sunday, January 27, 2019. The bid was also posted on the Township's website.

Five (5) bids were received. Bids were opened at a meeting open to the public on February 12, 2019. A. Giuliani & Co., Inc. was the lowest responsible bid at \$1.88 per square yard for a total bid of \$466,741.96. A. Giuliani & Co., Inc., assisted with the Township's Milling and Paving Projects in 2017 and worked very well with our Public Works Department that year. We are very satisfied with the work they have done previously and are confident that they will continue to provide satisfactory services to the township.

A copy of the bid tabulation sheet is attached for your review.

PREVIOUS BOARD ACTIONS:

This is a yearly bid that is prepared, advertised and managed by the Public Works Department for the milling of various township roads.

RECOMMENDED BOARD ACTION:

Motion to award A. Giuliani & Co., Inc. as the lowest responsible bidder for the Abington Township 2019 Milling Project Bid and to authorize the Township Manager to execute a contract with A. Giuliani & Co., Inc. in the amount of \$466,741.96 for the milling of various township roads as per bid specifications.



TOWNSHIP OF ABINGTON

Office of the Township Manager

Richard J. Manfredi
Township Manager

FISCAL NOTE

AGENDA ITEM NUMBER: PW-05-031419

DATE INTRODUCED: February 14, 2019

FISCAL IMPACT AMOUNT: \$466,741.96

FUND:

FISCAL IMPACT:

YES

NO

FISCAL IMPACT

Cost > \$10,000.

Yes

No

SUMMARY

This bid is for the milling of our proposed roads to be overlaid in 2019. The roads proposed are a combination of Aqua projects, PECO projects and proposed township roads. All numbers were approximate.

ANALYSIS

The bids came in lower than what we anticipated. The winning bid came in at \$1.88 per sq. yard and the 2nd lowest bid came in at \$2.19 per sq. yard for a difference of \$0.31 per sq. yard between the two. Last years winning bid was \$1.69 per square yard for a difference of \$0.19 per sq. yard between 2018 and 2019.

ABINGTON TOWNSHIP - DEPARTMENT OF PUBLIC WORKS

BID TABULATIONS FOR: 2019 Milling Project

BID OPENING: 2/12/2019

| BIDDER | AMOUNT OF BID | BID DOCUMENTS | DEVIATIONS / SUBSTITUTIONS | COMMENTS |
|--|------------------------|---------------|----------------------------|----------|
| Joseph E. Sucher & Sons, Inc. | \$4.38 per sq. yard | In order | None | None |
| 933 Saville Avenue | Total - \$1,087,409.46 | | | |
| Eddystone, PA 19022 | | | | |
| Blooming Glen Contractors, Inc. | \$2.70 per sq. yard | In order | None | None |
| 901 Minsi Trail | Total - \$670,32.90 | | | |
| Perkasie, PA 18944 | | | | |
| Associated Paving Contractors, Inc. | \$2.19 Per Sq. Yard | In order | None | None |
| 1525 Campus Drive | Total - \$543,704.73 | | | |
| Warminster, PA 18974 | | | | |
| Road-Con, Inc. | \$2.59 Per Sq. Yard | In order | None | None |
| 902 Camaro Run Drive | Total - \$643,011.53 | | | |
| West Chester, PA 19380 | | | | |
| A. Giuliani & Co., Inc. | \$1.88 Per Sq. Yard | In order | None | None |
| 1609 Dreshertown Road | Total - \$466,741.96 | | | |
| Dresher, PA 19025 | | | | |
| | | | | |



PUBLIC WORKS COMMITTEE

AGENDA ITEM

February 28 2019

DATE

Administration

DEPARTMENT

PW-06-031419

AGENDA ITEM NUMBER

FISCAL IMPACT

Cost > \$10,000.

Yes

No

PUBLIC BID REQUIRED

Cost > \$20,100

Yes

No

AGENDA ITEM:

Resolution # 19-012 Establishing a procedure to vacate roads.

EXECUTIVE SUMMARY:

PREVIOUS BOARD ACTIONS:

RECOMMENDED BOARD ACTION:

Consider a motion to approve Resolution #19-012 a Resolution of Abington Township, County of Montgomery, Commonwealth of Pennsylvania, establishing a procedure to vacate roadways.

**ABINGTON TOWNSHIP
RESOLUTION NO. 19-012**

**A RESOLUTION OF ABINGTON TOWNSHIP,
COUNTY OF MONTGOMERY, COMMONWEALTH OF PENNSYLVANIA,
ESTABLISHING A PROCEDURE TO VACATE ROADWAYS**

WHEREAS, the Township of Abington (“Township”) is a Township of the First Class, duly organized and existing pursuant to the applicable laws of the Commonwealth of Pennsylvania; and

WHEREAS, pursuant to §2005 of the First Class Township Code, 53 P.S. §57005, the Board of Commissioners is empowered to vacate any roadway wholly within the Township and may do so with or without petition from property owners; and

WHEREAS, the Board of Commissioners of Abington Township believes it is in the best interests of the Township to establish a procedure by which the Township may vacate roadways.

NOW, THEREFORE, BE IT RESOLVED, for the reasons set forth above, the procedure attached hereto as Exhibit “A” be used by the Township to vacate any roadway wholly under its jurisdiction.

I HEREBY CERTIFY that this Resolution was adopted by Abington Township at its public meeting held on the _____ day of _____, 2019.

ATTEST:

ABINGTON TOWNSHIP

Richard J. Manfredi
Township Secretary

Wayne C. Luker, President
Board of Commissioners

Exhibit “A”

Road Vacation Procedures

If a property owner petitions the Township:

1. The Petition to Vacate must be submitted to the Department of Code Enforcement/Land Development/Planning/Zoning by 51% of adjoining property owners. That Petition will include the following exhibits:
 - a. A description of the road to be vacated, as it currently exists, prepared by a registered engineer or land surveyor,
 - b. A description and plan of the road, showing the new vacated portion divided among the adjoining property owners, also prepared by a registered engineer or land surveyor,
 - c. Certification from all utility companies indicating the presence or absence of utilities in the area to be vacated,
 - d. A check made payable to the Township in the amount of \$ ____ (an additional \$ ____ if easements are needed), and
 - e. Draft deeds of easements, where required, signed by all affected property owners.
2. The Petition is reviewed by the Township and its Solicitor. An ordinance is then drafted and placed on the Board's agenda. Proper advertisement and notice must take place. The Board must give 10 days written notice to owners of property adjacent to the road, or portions of it, which must state the time and place of the hearing.
3. The proposed ordinance must be submitted to the Montgomery County Planning Commission and the Abington Township Planning Commission for review. The Planning Commissions must provide a statement to the Board of Commissioners within 45 days of receipt of the ordinance, as to whether the proposal is in accordance with the objectives of the comprehensive plan. The Board cannot act without the recommendation of the Abington Township Planning Commission. However, the Board may act if the Montgomery County Planning Commission has not responded within the prescribed 45 days.
4. Should the Board vote in favor of vacating the road, they must issue a written report along with the following:
 - a. A draft or survey of the road, fixing the width, noting improvements along the road, and the names of the owners of the property through which the road will pass and abut.
5. The report and draft must be filed with the Montgomery County Clerk of Courts.
6. The Township must post notices along the road to be abandoned within 10 days of the Board's decision. They must be in conspicuous places along the line of the road and must state the fact of the approval of the ordinance and the date of the approval.

If the Township decides to vacate a road:

1. The Township must vacate the road by ordinance. Before passing the ordinance the Board must give 10 days written notice to owners of property adjacent to the road, or portions of it. It must state the time and place of the hearing.
2. The proposed ordinance must be submitted to the Montgomery County Planning Commission and the Abington Township Planning Commission for review. The Planning Commissions must provide a statement to the Board of Commissioners within 45 days of receipt of the ordinance, as to whether the proposal is in accordance with the objectives of the comprehensive plan. The Board cannot act without the recommendation of the Abington Township Planning Commission. However, the Board may act if the Montgomery County Planning Commission has not responded within the prescribed 45 days.
3. Should the Board decide in favor of vacating the road, they must issue a written report outlining the following:
 - a. A draft or survey of the road, fixing the width, noting improvements along the road, and the names of the owners of the property through which the road will pass and abut.
4. The report and draft must be filed with the Montgomery County Clerk of Courts. The road is then vacated and reverts to private ownership of surrounding properties.
7. The Township must post notices along the road to be abandoned within 10 days of the Board's decision. They must be in conspicuous places along the line of the road and must state the fact of the approval of the ordinance and the date of the approval.
5. Any resident or property owner affected by the ordinance has 30 days after the enactment to enter surety to indemnify the Board of all costs, file exceptions to the ordinance, and a Petition for Review with the Montgomery County Court of Common Pleas.
6. If after 30 days there is no action by residents, the Court, on application by the Board, will instruct the Board to assess the damages and benefits resulting for any proceeding unless there is an agreement otherwise.