

AGENDA
MONTGOMERY TOWNSHIP
BOARD OF SUPERVISORS
FEBRUARY 26, 2018

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Tanya C. Bamford
Candyce Fluehr Chimera
Michael J. Fox
Jeffrey W. McDonnell
Matthew W. Quigg

Lawrence J. Gregan
Township Manager

ACTION MEETING – 8:00 PM

1. Call to Order by Chairman
2. Pledge of Allegiance
3. Public Comment
4. Announcement of Executive Session
5. Consider Approval of Minutes of February 12, 2018 Meeting
6. Recognize Lifesaving Efforts of Emergency Medical Services and Fire Department Personnel
7. Presentation of Certificate of Achievement for Excellence in Financial Reporting Award
8. Consider Appointment to Fill Vacant Elected Township Auditor Position
9. Consider Approval of Transfer and Allocation of Year End 2017 General Fund Balance
10. Consider Award of Bid for the 2018 In-Place Road Paving Project
11. Consider Award of Bid for the 2018 Curb and Sidewalk Project
12. Consider Request to Approve Out of State Training – Public Works Department
13. Consider Authorization to Execute Advanced Law Enforcement Intelligence System – ALEIS Records Management Agreement
14. Consider Resolution Authorizing Submission of Application to PennDOT – Traffic Signal Improvements at Stump Road & Witchwood Drive, Bethlehem Pike & Witchwood drive, Bethlehem Pike & Stump Road, and Knapp Road & Witchwood Drive
15. Consider Escrow Release #6 – Maple Brook Estates – LDS 664OHB
16. Consider Approval of Contribution – Robert Hensel and Family
17. Consider Approval of 2018 Spring/Summer Recreation Programs and Fees
18. Consider Payment of Bills
19. Other Business
20. Adjournment

Future Public Hearings/Meetings:

02-27-2018 @ 7:00 p.m. – Environmental Advisory Committee
03-02-2018 @ 7:00 p.m. – Senior Advisory Committee (MontCRC)
03-08-2018 @ 7:30 p.m. – Zoning Hearing Board
03-12-2018 @ 8:00 p.m. – Board of Supervisors

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Public Comment

MEETING DATE: February 26, 2018

ITEM NUMBER: #3

MEETING/AGENDA: WORK SESSION

ACTION XX

NONE

REASON FOR CONSIDERATION: Operational: XX Information: Discussion: Policy:

INITIATED BY: Lawrence J. Gregan
Township Manager

BOARD LIAISON: Candyce Fluehr Chimera,
Chairman of the Board of Supervisors



BACKGROUND:

The Chairman needs to remind all individual(s) making a comment that they need to identify themselves by name and address for public record.

The Chairman needs to remind the public about the policy of recording devices. The individual(s) needs to request permission to record the meeting from the Chairman and needs to identify themselves, by name and address for public record.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

None.

MOTION/RESOLUTION:

None.

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Announcement of Executive Session

MEETING DATE: February 26, 2018

ITEM NUMBER: #4

MEETING/AGENDA: WORK SESSION

ACTION XX

NONE

REASON FOR CONSIDERATION: Operational: XX Information: Discussion: Policy:

INITIATED BY: Lawrence J. Gregan
Township Manager

BOARD LIAISON: Candyce Fluehr Chimera,
Chairman of the Board of Supervisors



BACKGROUND:

Frank Bartle will announce that the Board of Supervisors met in Executive Session and will summarize the matters discussed.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

None.

MOTION/RESOLUTION:

None.

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

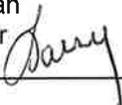
MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Approval of Minutes for February 12, 2018

MEETING DATE: February 26, 2018 ITEM NUMBER: # 5

MEETING/AGENDA: WORK SESSION ACTION XX NONE

REASON FOR CONSIDERATION: Operational: XX Information: Discussion: Policy:

INITIATED BY: Lawrence J. Gregan Township Manager  BOARD LIAISON: Candyce Fluehr Chimera, Chairman of the Board of Supervisors

BACKGROUND:

Please contact Deb Rivas on Monday, February 26, 2018 before noon with any changes to the minutes.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

None.

MOTION/RESOLUTION:

None.

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

**MINUTES OF MEETING
MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
FEBRUARY 12, 2018**

At 7:00 p.m. Vice Chairman Michael J. Fox called to order an executive session. In attendance were Supervisors Tanya C. Bamford, Jeffrey W. McDonnell and Matthew W. Quigg. Chairman Candyce Fluehr Chimera was absent. Also in attendance were Township Manager Lawrence J. Gregan and Township Solicitor Frank R. Bartle, Esquire.

Vice Chairman Michael J. Fox called the action meeting to order at 8:05 p.m. In attendance were Supervisors Tanya C. Bamford, Jeffrey W. McDonnell and Matthew W. Quigg. Chairman Candyce Fluehr Chimera was absent. Also in attendance were Township Solicitor Frank R. Bartle, Esquire, Township Manager Lawrence J. Gregan, Police Chief J. Scott Bendig, Director of Fire Services Richard Lesniak, Director of Finance Ami Tarburton, Director of Administration and Human Resources Ann M. Shade, Assistant to the Township Manager Stacy Crandell, Director of Planning Bruce Shoupe, Director of Public Works Kevin Costello, Director of Recreation and Community Center Floyd Shaffer, Director of Information Technology Richard Grier and Recording Secretary Deborah A. Rivas.

Following the Pledge of Allegiance, Vice Chairman Michael J. Fox called for public comment from the audience and there was none.

Solicitor Frank R. Bartle, Esquire announced that the Board had met in an executive session prior to this meeting and discussed three matters. One item was a personnel matter involving a grievance. Two other matters were potential matters of litigation, one involving the Cutler Group and one involving a real estate issue. Mr. Bartle stated that these matters are legitimate subjects of executive session pursuant to Pennsylvania's Sunshine Law.

Supervisor Matthew W. Quigg made a motion to approve the minutes of the January 22, 2018 Board of Supervisors meeting, and Supervisor Tanya C. Bamford seconded the motion. The minutes of the meeting were unanimously approved as submitted.

Director of Finance Ami Tarburton reviewed the Finance Department's unaudited 4th Quarter 2017 Budget Report which identified that the General Fund ended 2017 with an

estimated \$4.5M fund balance, which was an increase of 5% over the 2016 ending balance of \$4.3M. Ms. Tarburton reported that conservatively maintaining a general fund balance of \$3 million, or about 25% of total expenditures will provide the Township with a surplus balance of about \$1.5M which will be used to fund upcoming capital projects as designated by the Board of Supervisors. The 2017 revenues were 6.4% higher than in 2016 and exceeded the budget by about \$840,000 and the expenses were 6% under budget. Supervisor Matthew W. Quigg questioned if there was a particular circumstance that led to the 6% increase in tax revenue. Ms. Tarburton responded that there were two factors, the transfer tax revenue was increased by \$165,000 because there were some significant commercial transactions that occurred. In addition, there were a few substantial business tax audit settlements that impacted the revenue budget.

Director of Recreation and Community Center Floyd Shaffer reported that at their December 13th meeting, the Park and Recreation Board adopted five motions with recommendations to the Board of Supervisors. In anticipation of the next Park and Recreation Board meeting, staff is requesting direction from the Board of Supervisors on these recommendations. Vice Chairman Michael J. Fox noted that the first recommendation had been defeated by the Park Board, so there was no reason to discuss that recommendation. Mr. Shaffer reported that the next recommendation was to relocate the entire disc golf course to another area of the Township. Vice Chairman Fox inquired if there were any proposals from the Park Board on where to relocate the course and there were none given. Mr. Shaffer explained that there is a sentiment on the Park Board that overdevelopment of the park in some forms with amenities is a concern. Vice Chairman Fox provided a brief update of the history of the disc golf course from 2008. After much discussion at that time regarding the 18 hole course, and concerns of the residents who lived nearby, it was agreed that the Township would reduce and maintain nine holes and have an additional three holes available to rotate to if the usage was such that some holes required down time. Vice Chairman Fox stated that he walks that park frequently and he doesn't see the existing nine holes as having a lot of wear and usage.

Supervisor Bamford questioned if there was any kind of study done by the Park Board in terms of usage and what is the Park Board using to determine recommending that it be removed? Mr. Shaffer indicated that it appeared to be more of an emotional issue. Supervisor Bamford surmised that it's perhaps the presence of the course that offends them, not so much the people that are using it. Mr. Shaffer stated that there is some history on the Park Board and they feel the park should be more passive than active and disc golf is considered as an active recreational activity. Vice Chairman Fox stated that he is the liaison to the Park Board and he doesn't really think that relocating it is the right thing to do if it sees minimal usage. He further stated for those people who do use it, keeping it where it is located is the right thing to do. Supervisor Quigg inquired if there was another place within the Township that could accommodate it? Mr. Shaffer stated that it would have to be investigated as no matter where you move it, you will have similar concerns in whatever park or area you propose. Where it is located now was the spot that was selected as the best location when it was designed back in 2007. Supervisor McDonnell stated that he was not in favor of moving it either, unless there was a good reason to do so, and until the Park Board recommends another spot to locate it. The Board was unanimous in their consensus to keep the disc golf course in its current location.

The next recommendation from the Park Board was the request to implement Bocce Ball inside and outside of the Recreation center. Mr. Shaffer reported that there had been one resident who requested Bocce Ball. Mr. Shaffer thought it was something that could be pursued during the day inside at the Recreation Center. He further stated that placing a court area outside would be a different matter and he would defer to people who are a lot more knowledgeable about the sport with regards to engineering and leveling a spot for courts, which can be extremely maintenance sensitive. He recommended that the activity be done inside the CRC for now and then move forward with outside considerations if it becomes popular. The Board agreed with this recommendation.

The next recommendation was to request that signage be placed on the Stump Road entrance to the Community and Recreation Center. Mr. Shaffer stated that he supports this

request and he will investigate and get some cost estimates. Mr. Shaffer also indicated that it is a very dark location. The Board of Supervisors was in favor of pursuing signage and better lighting at the Stump Road entrance and exit to the Recreation and Community Center.

The last recommendation was for signage to be placed in several locations to show the direction of where the Bark Park is located. The Park Board suggested that there could be signs placed on the poles on the street or someplace nearby as to how to get to the Bark Park entrance. Supervisor Tanya C. Bamford stated that the idea of getting some signs from the street towards where the park is located is not necessarily something that should be dismissed. The suggestion was made to enhance the directions on the website, maybe with an illustration, on how to get around the parking lot to the Bark Park.

Chief of Police J. Scott Bendig reported that the Police Department is scheduled to replace three police vehicles, and at this time the Police Department is proposing to purchase three 2018 Ford Police Interceptor Utility models as approved in the 2018 Budget. Resolution #1 made by Vice Chairman Michael J. Fox, seconded by Supervisor Matthew W. Quigg and adopted unanimously, awarded the contract for the purchase of three 2018 Ford Police Interceptor Utility vehicles from Fred Beans Ford Lincoln, an authorize vendor under the Co-Stars Cooperative Purchase Program (Contract #013-142), at a total cost of \$93,121.00 per their quote dated January 27, 2018.

Director of Public Works Kevin Costello reported that the Public Works Department is proposing to purchase equipment as provided for in the approved 2018 budget. Resolution #2 made by Vice Chairman Michael J. Fox, seconded by Supervisor Tanya C. Bamford and adopted unanimously, approved the contract for the purchase of a 2019 Peterbuilt Dump Truck to Hunter Keystone Peterbuilt, L.P., an authorized vendor under the Co-Stars Purchasing Contract #025-101, at a cost of \$108,450.00; the contract for the purchase of a 2018 Custom Dump Body for installation on the Peterbuilt Truck to Triad Truck Equipment, an authorized vendor under the Co-Stars Purchasing Contract #025-060, at a cost of \$54,899.00; and the contract for the purchase of a 2018 J.D. 6120M Tractor equipped with Standard Farm Loader to

Deer Country Farm and Lawn, authorized vendor under the Co-Stars Purchasing Contract #4400011369, at a cost of \$106,065.90.

Director of Public Works Kevin Costello reported that staff is requesting the Board's authorization to advertise and solicit for bids for the annual services and materials contracts for the Public Works Department. Resolution #3, made by Vice Chairman Michael J. Fox, seconded by Supervisor Matthew W. Quigg and adopted unanimously, authorized the advertisement for bids for Services and Materials, including Asphalt, Stone Aggregate, and Lawn Care Treatments. The bids are to be received on or before February 28, 2018 at 10:00 a.m.

Director of Public Works Kevin Costello reported that staff is requesting the Board's authorization to advertise for bids for the Windlestrae – Rose Twig Tennis Court Repair Project. The project will include repairing all the cracks in the (4) courts with the Armor Tech System, color coating of all four courts and installing the white lines. Resolution #4 made by Vice Chairman Michael J. Fox, seconded by Supervisor Tanya C. Bamford and adopted unanimously, authorized the Township Manager to advertise for bids for Windlestrae – Rose Twig Tennis Court Repair Project. The bids are to be received on or before February 28, 2018 at 10:30 a.m.

Assistant to the Township Manager Stacy Crandell reported that Act 44 of 2017 (HB 674) was signed by Governor Wolf on October 20, 2017. The act amends the fiscal code and directs the Budget Secretary to transfer \$300 Million from amounts available in special funds and restricted accounts, including the Recycling Fund, to the General Fund during the 2017-2018 fiscal year. The Township is currently in compliance with Act 101, which tasks municipalities with establishing and maintaining a local recycling collection program including leaf waste collection. The funding received from the Recycling Fund has helped offset the costs of some of the requirements of the recycling program, including the leaf and yard waste collection. The Northern Montgomery County Recycling Commission (NMCRC) has recommended each municipality pass a resolution opposing the transfer of recycling funds to

the Commonwealth General Budget to balance the budget. Once approved, the signed resolution will be sent to Governor Tom Wolf, State Senator Stewart Greenleaf, State Representative Todd Stephens and all members of the Appropriations Committee and the Environmental Resources and Energy Committee for both the State House of Representatives and the State Senate. Resolution # 5 made by Vice Chairman Michael J. Fox, seconded by Supervisor Jeffrey W. McDonnell and adopted unanimously, approved the resolution opposing the transfer of recycling funds to the Commonwealth General Fund.

Director of Fire Services Richard Lesniak requested the Board's approval to accept the 2017/2018 Pennsylvania State Fire Commissioner's Grant of \$13,939.07 and authorize the purchase of personal protective equipment with these grant funds. Resolution #6 made by Chairman Michael J. Fox, seconded by Supervisor Tanya C. Bamford and adopted unanimously, granted approval to accept the 2017/2018 PA Fire Commissioners Volunteer Firefighter / Ambulance Service Grant in the amount of \$13,939.07 and approved the purchase of four (4) sets of personal protective equipment from Municipal Emergency Services, in accordance with their quote dated February 7, 2018, at a cost of \$16,235.92.

Director of Fire Services Richard Lesniak reported the U.S. Department of Homeland Security (DHS) recently announced that the FY2017 Assistance to Firefighters Grant application period. The Fire Department of Montgomery Township (FDMT) submitted a two-part grant application in the amount of \$32,200.00 to purchase eighty-six (86) bailout kits and \$55,000.00 to replace the aging breathing air compressor. Resolution #7 made by Supervisor Tanya C. Bamford, seconded by Vice Chairman Michael J. Fox and adopted unanimously, approved the FDMT's application to the U.S. Department of Homeland Security (DHS) under its FY2017 Assistance to Firefighters Grant for the purchase of eighty-six (86) bailout kits at an estimated cost of \$32,200.00, and a breathing air cascade system compressor at an estimated cost of \$55,000.

Director of Planning and Zoning Bruce Shoupe reported that bids were received and opened on February 1, 2018 for the Ash Tree Removal Program – Autumn Woods and Winners

Circle Open Space Area. The bids received ranged in price from \$135,000 to \$255,075. The work includes the furnishing of all labor, materials and equipment necessary and incidental for the felling of 403 +/- trees to within 12 inches or less of the ground level. Staff recommends the awarding of the contract to the lowest responsible bidder, ARS Corporation, at a cost of \$135,000. Resolution #8 made by Vice Chairman Michael J. Fox, seconded by Supervisor Matthew W. Quigg and adopted unanimously, authorized the award of the bid for the Dead & Diseased Tree Removal Program – Autumn Woods & Winners Circle Open Space Area as submitted by ARS Corporation in the amount of \$135,000.

Director of Planning and Zoning Bruce Shoupe reported that an application for a conditional use was received from Montgomery Crossing Associates for a Firebirds Wood Fired Grill restaurant to be located at the Gwynedd Crossing Shopping Center at the intersection of Route 309/Bethlehem Pike and Welsh Road. A public hearing on the application must be scheduled and held within 60 days of the receipt of a Conditional Use application. Resolution #9 made by Vice Chairman Michael J. Fox, seconded by Supervisor Tanya C. Bamford and adopted unanimously, set Monday, March 26, 2018 after 8:00 p.m. as the date, time and place for a Public Hearing to consider the Conditional Use application of Montgomery Crossing Associates for the satellite use, Firebirds Wood Fired Grill restaurant.

Director of Planning and Zoning Bruce Shoupe reported that an application for a conditional use was received by Pro Real Ventures, LLC, for a proposed drive-thru carwash to be located on the vacant land at the intersection of DeKalb Pike and Welsh Road. The applicant is proposing to construct a new 4,596 square foot automatic drive-thru carwash with 28 self-serve vacuuming stations and representing vehicle stacking for 66 cars. A public hearing on the application must be scheduled and held within 60 days of the receipt of a Conditional Use application. Resolution #10 made by Vice Chairman Michael J. Fox, seconded by Supervisor Tanya C. Bamford and adopted unanimously, set Monday, March 26, 2018 after 8:00 p.m. as the date, time and place for a Public Hearing to consider the Conditional Use

application of Pro Real Ventures LLC for an automatic drive-thru carwash, located on the vacant parcel at DeKalb Pike (Route 202) and Welsh Road.

Resolution #11 made by Vice Chairman Michael J. Fox, seconded by Supervisor Tanya C. Bamford and adopted unanimously, authorized a construction escrow release #4 in the amount of \$12,859.00 for LDS #610A – W.B. Commons (Penn Crest).

A motion to approve the payment of bills was made by Vice Chairman Michael J. Fox, seconded by Supervisor Tanya C. Bamford, and adopted unanimously, approving the payment of bills as submitted.

There being no further business to come before the Board, the meeting adjourned at 8:56 p.m.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Recognize Life Saving Efforts of Fire Department and Emergency Medical Service Personnel

MEETING DATE: February 26, 2018

ITEM NUMBER: #6

MEETING/AGENDA: ACTION XX NONE

REASON FOR CONSIDERATION: Operational: xx Policy: Discussion: Information:

INITIATED BY: Richard M. Lesniak  BOARD LIAISON: Tanya C. Bamford, Liaison to the
Director of Fire Services Public Safety Committee

BACKGROUND:

On Thursday, August 31, 2017, the Volunteer Medical Service Corps (VMSC) was dispatched to a report of a resident suffering a cardiac arrest at her home on Hanover Avenue. While out on training, the crew from Squad 18, comprised of Captain Frank Colelli and Firefighters Robert Hedden, Carmen Conicelli, and Carl Weiss, heard the dispatch and, realizing that they were closer than the responding ambulance, responded to the incident. Firefighter Adam Webster also responded to the incident.

The resident's granddaughter, who was CPR trained, immediately called 911 and initiated cardiopulmonary resuscitation. Police Officers arrived and continued CPR and when the Firefighters arrived they continued to perform CPR, established and maintained an airway, and shocked the patient twice with the automated external defibrillator (AED).

The Ambulance crew, comprised of Deputy Chief Lori Dusza, Paramedic Thomas Scherer, and EMT Derek Kreyenhagen, arrived on location and, upon assessing the individual, found that she had a pulse. The resident was loaded into the ambulance and transported to the hospital. Deputy Chief Dusza advised that the resident was conscious, alert and talking with the EMS crew while being transported to the hospital.

As a result of the rapid response to the report of the cardiac arrest, activation of the 911 emergency response system, early CPR, rapid defibrillation, application of basic and advanced emergency medical services, and advanced life support and post-cardiac arrest care, the resident is recovering from the incident.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

The efforts of the Emergency responders in following the links in the American Red Cross' Chain of Survival, greatly improves the chances of survival and recovery for victims of cardiac arrest in our Community.

BUDGET IMPACT:

None.

RECOMMENDATION:

It is recommended that the Board of Supervisors recognize the outstanding performance by these Firefighters and Emergency Medical Personnel performed in the line of duty.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby recognize and commend Captain Frank Colelli and Firefighters Robert Hedden, Carmen Conicelli, Carl Weiss, and Adam Webster, along with Deputy Chief Lori Dusza, Paramedic Thomas Scherer, and EMT Derek Kreyenhagen, for their outstanding performance of Life Saving Measures in the line of duty on August 31, 2017.

MOTION: _____

SECOND: _____

ROLL CALL:

Tanya C. Bamford	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Matthew W. Quigg	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Presentation of Certificate of Achievement for Excellence in Financial Reporting Award – GFOA Representative

MEETING DATE: February 26, 2018

ITEM NUMBER: # 7

MEETING/AGENDA:

ACTION

NONE

REASON FOR CONSIDERATION: Operational: Policy: Discussion: xx Information:

INITIATED BY: Ami Tarburton
Finance Director

BOARD LIAISON: Candyce Fluehr Chimera, Chairman
Liaison – Finance Committee

BACKGROUND:

The GFOA established the Certificate of Achievement for Excellence in Financial Reporting Program (CAFR Program) in 1945 to encourage and assist state and local governments to go beyond the minimum requirements of generally accepted accounting principles to prepare comprehensive annual financial reports that evidence the spirit of transparency and full disclosure and then to recognize individual governments that succeed in achieving that goal.

Reports submitted to the CAFR program are reviewed by selected members of the GFOA professional staff and the GFOA Special Review Committee (SRC), which comprises individuals with expertise in public-sector financial reporting and includes financial statement preparers, independent auditors, academics, and other finance professionals.

In 2017 for fiscal year 2016, the Township prepared its annual financial report in Comprehensive Annual Financial Report (CAFR) format and applied to GFOA for consideration in the CAFR Program.

In November of 2017, the Township received a letter from the GFOA congratulating them on their CAFR and awarding the Township the Certificate of Achievement in Financial Reporting for the fiscal year ended December 31, 2016. This is the eighth consecutive year that the Township has received this award.

Nick Hiriak, Finance Director of Upper Merion Township and President of the Pennsylvania Chapter of the Government Finance Officer Association, will be presenting the award to the Township.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

Acknowledge receipt of award.

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.



Government Finance Officers Association
203 North LaSalle Street, Suite 2700
Chicago, Illinois 60601-1210
312.977.9700 fax: 312.977.4806

November 30, 2017

Candyce F. Chimera
Chairman, Board of Supervisors
Montgomery Township
1001 Stump Road
Montgomeryville, PA 18936

Dear Ms. Chimera:

We are pleased to notify you that your comprehensive annual financial report (CAFR) for the fiscal year ended 2016 qualifies for GFOA's Certificate of Achievement for Excellence in Financial Reporting. The Certificate of Achievement is the highest form of recognition in governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management.

When a Certificate of Achievement is awarded to a government, an Award of Financial Reporting Achievement (AFRA) is also presented to the individual(s) or department designated by the government as primarily responsible for its having earned the Certificate. This award has been sent to the submitter as designated on the application.

We hope that you will arrange for a formal presentation of the Certificate and Award of Financial Reporting Achievement, and that appropriate publicity will be given to this notable achievement. A sample news release is enclosed to assist with this effort.

We hope that your example will encourage other government officials in their efforts to achieve and maintain an appropriate standard of excellence in financial reporting.

Sincerely,

Michele Mark Levine
Director, Technical Services Center



GOVERNMENT FINANCE OFFICERS ASSOCIATION
NEWS RELEASE

FOR IMMEDIATE RELEASE

11/30/2017

For more information contact:
Michele Mark Levine, Director/TSC
Phone: (312) 977-9700
Fax: (312) 977-4806
E-mail: mlevine@gfoa.org

(Chicago, Illinois)--The Certificate of Achievement for Excellence in Financial Reporting has been awarded to **Montgomery Township** by Government Finance Officers Association of the United States and Canada (GFOA) for its comprehensive annual financial report (CAFR). The Certificate of Achievement is the highest form of recognition in the area of governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management.

An Award of Financial Reporting Achievement has been awarded to the individual(s) or department designated by the government as primarily responsible for preparing the award-winning CAFR.

The CAFR has been judged by an impartial panel to meet the high standards of the program, which includes demonstrating a constructive "spirit of full disclosure" to clearly communicate its financial story and motivate potential users and user groups to read the CAFR.

Government Finance Officers Association is a major professional association servicing the needs of nearly 19,000 appointed and elected local, state, and provincial-level government officials and other finance practitioners. It provides top quality publications, training programs, services, and products designed to enhance the skills and performance of those responsible for government finance policy and management. The association is headquartered in Chicago, Illinois, with offices in Washington, D.C.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Appointment to Fill Vacant Township Auditor Position

MEETING DATE: February 26, 2018 ITEM NUMBER: #8

MEETING/AGENDA: ACTION NONE

REASON FOR CONSIDERATION: Operational: xx Policy: Discussion: Information:

INITIATED BY: Lawrence J. Gregan BOARD LIAISON: Candyce Fluehr Chimera
Township Manager *Larry* Chairman, Board of Supervisors

BACKGROUND:

On January 22, 2018, the Board accepted the resignation of Ms. Stephanie Terreri from her position as an elected Township Auditor. Ms. Terreri's term would have expired on the first Monday in January 2022.

Section 407 of the Second Class Township Code "Vacancies in General" - provides that if a vacancy occurs in the office by death, resignation, removal from the township or otherwise, the Board of Supervisors may appoint a successor who is an elector of the township and has resided in the township continuously for at least one year prior to their appointment. Upon appointment, the successor will hold the office until the first Monday in January after the first municipal election which occurs more than sixty days after the vacancy occurs.

An appointment to fill this vacancy would therefore be for a period to expire on the first Monday in January 2020. In the Fall 2019 Municipal election, an eligible person would need to be elected to fill the unexpired term, which would be for a term to expire on the first Monday in January 2022.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT: None.

PREVIOUS BOARD ACTION: None.

ALTERNATIVES/OPTIONS: None.

BUDGET IMPACT: None.

RECOMMENDATION: Consider appointment to fill the vacant Township Auditor position for a term to expire on the first Monday in January 2020.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby appoint _____ to the position of Township Auditor for a term to expire on the first Monday in January 2020.

MOTION: _____ SECOND: _____

ROLL CALL:

Tanya C. Bamford	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Matthew W. Quigg	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

Approve the transfer of fund balance as recommended above.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby authorize the transfer of \$1,500,000 of the year end 2017 General Fund Balance to the Capital Reserve Fund and allocation to Designated Reserves as detailed in the attached exhibit A.

MOTION: _____ SECOND: _____

ROLL CALL:

Tanya C. Bamford	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Matthew W. Quigg	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

**Montgomery Township
2017 Surplus Transfer Options
Surplus = \$1,500,000**

DESIGNATED RESERVES	BALANCE BEGINNING 1/1/18	2018 BUDGET REVENUES	2018 BUDGET EXPENDITURES	2017 SURPLUS ALLOCATION	BALANCE ENDING 12/31/18
16 Year Road Plan, curbing, sidewalk	1,993,766.14	241,000.00	1,025,080.00		1,209,686.14
10 Year Equipment Plan	1,527,119.44	406,560.00	537,900.00		1,395,779.44
Curb and sidewalk - Public Safety - Engineering	71,441.55				71,441.55
Park Equipment Plan	449,898.39	65,540.00	113,440.00		401,998.39
Fire Equipment Plan	1,440,947.47		1,231,650.00		209,297.47
Basin Equipment Plan	78,150.74		76,500.00		1,650.74
Township Building Parking Lot	50,000.00			50,000.00	100,000.00
Township Building Renovation	50,000.00			100,000.00	150,000.00
HVAC System Upgrades for Township Building	164,180.95	15,000.00	17,180.00		162,000.95
Operating Contingency	628,404.15			210,000.00	838,404.15
NPDES Permit/MS4/TMDL	150,698.56		56,000.00		94,698.56
Storm Water Pipe Replacement Reserve	382,333.20	500,000.00	0.00		882,333.20
Knapp Road Drainage - \$608,000					
Sassafras Drive Storm Pipe - \$274,000					
Knapp Rd Lane Expansion	260,500.75				260,500.75
Five Points Project	65,797.44		12,500.00		53,297.44
County Line Road Improvements	84,895.54		7,500.00		77,395.54
Route 63 ITS	8,562.50		2,500.00		6,062.50
Capital Improvements from Developers	123,825.00				123,825.00
Open Space	1,280,232.00				1,280,232.00
Zehr Property Demolition - \$700,000	0.00			700,000.00	700,000.00
Park Capital Rehabilitation Plan	72,772.47		167,300.00	300,000.00	205,472.47
Community/Recreation Center	121,632.22	10,000.00	69,200.00	100,000.00	162,432.22
Police Radios	81,838.84		40,510.00	40,000.00	81,328.84
Technology Improvements	150,000.00				150,000.00
Subtotal Designated Reserves	9,319,497.35	1,238,100.00	5,555,250.00	1,500,000.00	6,502,347.35

UNDESIGNATED RESERVES	BALANCE BEGINNING 1/1/18	2018 BUDGET REVENUES	2018 BUDGET EXPENDITURES	REVENUES	BALANCE ENDING 12/31/18
INTEREST/G/(L)		113,820.00			
ADMINISTRATION					
FMLA, STD, Leave Software Module or Package			3,000.00		
Board Room A/V			13,000.00		
Standing Desks - Shade & Crandell			1,600.00		
Stove - Community Room Kitchen			600.00		
Lobby TV			1,000.00		
Township Building Courtyard Renovations			75,000.00		
Township Lobby Security Upgrades			20,000.00		
Township Building Digital Sign			7,500.00		
TAX					
2 Document Scanners			1,000.00		
FINANCE					
Document Scanner			500.00		
INFORMATION TECHNOLOGY					
IP Handsets - Gigabit 9611g			850		
WiFi Access Points for Township Building Parking Lot			2,000		
Failover Cluster Network Switch			2,200		
WiFi Access Points for Township Building Basement			2,000		
POLICE					
Internal Bidirectional Antenna			19,000.00		
Microsoft GSA Office Pro Plus (10 Licenses)			3,600.00		
Secured Wireless Access Point System			2,000.00		
FIRE					
WiFi Access Point			1,000.00		
New 28' Ground Ladder			1,200.00		
PUBLIC WORKS					
Sign Post Driver			2,830.00		
PUBLIC WORKS - SNOW					
Snow Plow Hitch Frame			7,000.00		
PARK AND RECREATION					
Concrete Tables and Benches			3,000.00		
Subtotal Undesignated Expenditures	1,105,942.43	113,820.00	169,880.00	0.00	1,049,882.43
Total All Reserves	10,425,439.78	1,351,920.00	5,725,130.00	1,500,000.00	7,552,229.78

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Award of Bid for the 2018 In-Place Road Paving Project

MEETING DATE: February 26, 2018

ITEM NUMBER: # 10.

MEETING/AGENDA: WORK SESSION

ACTION XX

NONE

REASON FOR CONSIDERATION: Operational: XX

Policy: Discussion:

Information:

INITIATED BY: Kevin A. Costello
Director of Public Works

BOARD LIAISON: Candyce Fluehr Chimera,
Chairman



BACKGROUND:

Staff received and opened bids on February 14, 2018 at 10:30 a.m. at the Township Building. Our Engineer, Gilmore & Associates Inc., reviewed the bids and made a recommendation to award the bid to the lowest responsible bidder, James D. Morrissey Inc., with a bid of 575,030.00. Attached are the bid tabulation sheets and the award recommendation letter.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT: None

PREVIOUS BOARD ACTION: The Board authorized the advertisement of the bid at its meeting at its Public Meeting on January 22, 2018.

ALTERNATIVES/OPTIONS: None

BUDGET IMPACT:

The allocation in the Approved 2018 Budget, based on the Engineer's estimate, is \$710,650. The bids ranged from a high of \$837,224.85 to a low of \$575,030.00 with average bid of \$706,127.00.

RECOMMENDATION:

Award the bid as recommended to James D. Morrissey Inc. for a total projected cost of \$575,030.00.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby award the bid for the 2018 In-Place Road Paving Project to James D. Morrissey Inc. for a total projected cost of \$575,030.00

MOTION: _____

SECOND: _____

ROLL CALL:

Tanya C. Bamford	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Matthew W. Quigg	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.



February 19, 2018

Project No. 2017-09024

Lawrence Gregan, Township Manager
Montgomery Township
1001 Stump Road
Montgomeryville, PA 18936

Reference: 2018 Paving Project
Bid Tabulation & Award Recommendation

Dear Mr. Gregan:

Pursuant to your request, Gilmore & Associates, Inc. has reviewed the bids for the above referenced project. Bids were received and publicly opened on February 14, 2018 at 10:30 AM at the Township Building. Eleven bids were received. A copy of the bid tabulation is attached for your review. The bid tabulation includes correction of a mathematical error in the bid of Joseph E. Sucher & Sons. (line item #1).

Upon review, we recommend the contract for the 2018 Paving Project be awarded to **James D. Morrissey, Inc.** for all items included with the **Base Bid** in the amount of **\$575,030.00**, subject to review by the Township Solicitor.

As always, please call us if you have any questions or if we can be of any assistance regarding this project.

Sincerely,

A handwritten signature in black ink that reads 'James P. Dougherty'.

James P. Dougherty, P.E.
Senior Project Manager
Gilmore & Associates, Inc.

JPD/SW/sl

Enclosure: Bid Tabulation

cc: Kevin Costello, Director of Public Works, Montgomery Township
Stacey A. Rymkiewicz, Public Works Department Administrative Assistant, Montgomery Township
Deb Rivas, Administration Supervisor, Montgomery Township
Russell Dunlevy, P.E., Senior Executive Vice President, Gilmore & Associates, Inc.

BID TABULATION

CLIENT: Montgomery Township
PROJECT NAME: 2018 Paving Project
PROJECT NUMBER: 2017-09024
PROJECT BID DATE: 2/14/2018
DATE: 2/19/2018



<p>CONTRACTOR: James D. Morrissey, Inc. ADDRESS: 9119 Frankford Avenue CITY, STATE, ZIP: Philadelphia, PA 19114 PHONE: (215) 333-8000 FAX: (215) 333-9149 CONTACT: Daniel Barnes EMAIL: dbarnes@jdm-inc.com</p>	1	<p>Harris Blacktopping 1082 Taylorsville Road, Suite 200 Washington Crossing, PA, 18977 (215) 493-4527 (215) 321-3796 James Harris mmignogna@harrisblacktop.com</p>	2	<p>General Asphalt Paving Company 9301 Krewstown Road Philadelphia, PA, 19115 (215) 677-2626 (215) 677-9133 Austin Meehan III JMS@voicenet.com</p>	3
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ITEM #	DESCRIPTION	QUANTITY	UNIT	1		2		3	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BASE BID									
1	Mill Roadway, 1.5" depth	71225	SY	\$ 1.53	\$ 108,974.25	\$ 1.45	\$ 103,276.25	\$ 2.33	\$ 165,954.25
2	8" Asphalt Base Repair (If & Where Directed)	415	SY	\$ 21.70	\$ 9,005.50	\$ 52.65	\$ 21,849.75	\$ 10.00	\$ 4,150.00
3	14.5" Asphalt Base Repair (If & Where Directed)	120	SY	\$ 84.17	\$ 10,100.40	\$ 115.00	\$ 13,800.00	\$ 20.00	\$ 2,400.00
4	HMA Leveling Course, PG 64 - 22, 0.0 to 0.3 million ESAL's, 9.5 mm mix, +/- 1-1/2" Depth, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22	125	TON	\$ 71.32	\$ 8,915.00	\$ 69.00	\$ 8,625.00	\$ 72.60	\$ 9,075.00
5	HMA Wearing Course, PG 64 - 22, 0.0 to 0.3 million ESAL's, 9.5 mm mix, 1-1/2" Depth, SRL H, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22	59549	SY	\$ 6.12	\$ 364,439.88	\$ 6.30	\$ 375,158.70	\$ 5.99	\$ 356,698.51
6	HMA Wearing Course, PG 64 - 22, 3.0 to 30 million ESAL's, 9.5 mm mix, 1-1/2" Depth, SRL H, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22 (Knapp Road)	11676	SY	\$ 5.57	\$ 65,035.32	\$ 6.30	\$ 73,558.80	\$ 6.00	\$ 70,056.00
7	24" Wide Thermoplastic STOP Bar	109	LF	\$ 6.67	\$ 727.03	\$ 9.50	\$ 1,035.50	\$ 6.83	\$ 744.47
8	24" Wide Thermoplastic Gore Striping	196	LF	\$ 6.67	\$ 1,307.32	\$ 9.50	\$ 1,862.00	\$ 6.83	\$ 1,338.68
9	Pavement Markings, Thermoplastic 'Left Turn' Arrows	11	EA	\$ 138.54	\$ 1,523.94	\$ 195.00	\$ 2,145.00	\$ 141.00	\$ 1,551.00
10	Pavement Markings, Thermoplastic "ONLY" Letters	28	EA	\$ 56.44	\$ 1,580.32	\$ 80.00	\$ 2,240.00	\$ 58.00	\$ 1,624.00
11	4" Wide Double Yellow Line, Epoxy	1750	LF	\$ 0.82	\$ 1,435.00	\$ 1.15	\$ 2,012.50	\$ 0.84	\$ 1,470.00
12	4" Wide Single Yellow Line, Epoxy	2944	LF	\$ 0.41	\$ 1,207.04	\$ 0.60	\$ 1,766.40	\$ 0.42	\$ 1,236.48
13	4" Wide Broken Yellow Line, Epoxy	740	LF	\$ 0.41	\$ 303.40	\$ 0.60	\$ 444.00	\$ 0.42	\$ 310.80
14	4" Wide Single White Line, Epoxy	860	LF	\$ 0.41	\$ 352.60	\$ 0.60	\$ 516.00	\$ 0.42	\$ 361.20
15	6" Wide Single White Line, Thermoplastic	100	LF	\$ 1.23	\$ 123.00	\$ 1.75	\$ 175.00	\$ 1.26	\$ 126.00
Total (Base Bid)				\$ 575,030.00		\$ 608,464.90		\$ 617,096.39	

Total (Base Bid)

\$ 575,030.00

\$ 608,464.90

\$ 617,096.39

COMPLETENESS

- Bid Form (PennBid eBid Form or Document 00 41 00)
- Bid Bond Form (Document 00 43 13) or other Bid Security
- Bidder Acknowledgement Form (Document 00 45 10)
- Bidder Qualification Statement Form (Document 00 45 13)
- Non-Collusion Affidavit of Prime Bidder (Document 00 45 19)
- Agreement of Surety Form (Document 00 45 53)
- Public Works Employment Verification Form (Document 00 73 00, Appendix B)

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BID TABULATION

CLIENT: Montgomery Township
PROJECT NAME: 2018 Paving Project
PROJECT NUMBER: 2017-09024
PROJECT BID DATE: 2/14/2018
DATE: 2/19/2018

4

CONTRACTOR: Glasgow, Inc.
ADDRESS: PO Box 1089
CITY, STATE, ZIP: Glenside, PA, 19038
PHONE: (215) 884-8800
FAX: (215) 884-1465
CONTACT: Steve Darkow
EMAIL: Steven.Darkow@glasgowinc.com

5

GoreCon, Inc.
 3240 Bristol Road
 Chalfont, PA, 18914
 (267) 880-0890
 (267) 880-0892
 Brina Sweet
 brina.sweet@goreconinc.com

6

Blooming Glen Contractors
 901 Minsi Trail
 Perkasio, PA, 18944
 (610) 584-8500
 (610) 584-5432
 Jason Saylor
 jsaylor@hkggroup.com

ITEM #	DESCRIPTION	QUANTITY	UNIT	4		5		6	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BASE BID									
1	Mill Roadway, 1.5" depth	71225	SY	\$ 2.47	\$ 175,925.75	\$ 1.94	\$ 138,176.50	\$ 2.05	\$ 146,011.25
2	8" Asphalt Base Repair (If & Where Directed)	415	SY	\$ 60.98	\$ 25,306.70	\$ 46.00	\$ 19,090.00	\$ 74.00	\$ 30,710.00
3	14.5" Asphalt Base Repair (If & Where Directed)	120	SY	\$ 107.24	\$ 12,868.80	\$ 78.00	\$ 9,360.00	\$ 185.00	\$ 22,200.00
4	HMA Leveling Course, PG 64 - 22, 0.0 to 0.3 million ESAL's, 9.5 mm mix, +/- 1-1/2" Depth, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22	125	TON	\$ 71.30	\$ 8,912.50	\$ 74.50	\$ 9,312.50	\$ 90.00	\$ 11,250.00
5	HMA Wearing Course, PG 64 - 22, 0.0 to 0.3 million ESAL's, 9.5 mm mix, 1-1/2" Depth, SRL H, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22	59549	SY	\$ 6.37	\$ 379,327.13	\$ 7.50	\$ 446,617.50	\$ 7.10	\$ 422,797.90
6	HMA Wearing Course, PG 64 - 22, 3.0 to 30 million ESAL's, 9.5 mm mix, 1-1/2" Depth, SRL H, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22 (Knapp Road)	11676	SY	\$ 6.46	\$ 75,426.96	\$ 7.50	\$ 87,570.00	\$ 7.20	\$ 84,067.20
7	24" Wide Thermoplastic STOP Bar	109	LF	\$ 6.57	\$ 716.13	\$ 10.50	\$ 1,144.50	\$ 10.50	\$ 1,144.50
8	24" Wide Thermoplastic Gore Striping	196	LF	\$ 6.57	\$ 1,287.72	\$ 10.50	\$ 2,058.00	\$ 10.50	\$ 2,058.00
9	Pavement Markings, Thermoplastic 'Left Turn' Arrows	11	EA	\$ 136.35	\$ 1,499.85	\$ 210.00	\$ 2,310.00	\$ 210.00	\$ 2,310.00
10	Pavement Markings, Thermoplastic "ONLY" Letters	28	EA	\$ 55.55	\$ 1,555.40	\$ 65.00	\$ 1,820.00	\$ 65.00	\$ 1,820.00
11	4" Wide Double Yellow Line, Epoxy	1750	LF	\$ 0.81	\$ 1,417.50	\$ 2.28	\$ 3,990.00	\$ 2.30	\$ 4,025.00
12	4" Wide Single Yellow Line, Epoxy	2944	LF	\$ 0.40	\$ 1,177.60	\$ 1.15	\$ 3,385.60	\$ 1.15	\$ 3,385.60
13	4" Wide Broken Yellow Line, Epoxy	740	LF	\$ 0.40	\$ 296.00	\$ 1.15	\$ 851.00	\$ 1.15	\$ 851.00
14	4" Wide Single White Line, Epoxy	860	LF	\$ 0.40	\$ 344.00	\$ 1.15	\$ 989.00	\$ 1.15	\$ 989.00
15	6" Wide Single White Line, Thermoplastic	100	LF	\$ 1.21	\$ 121.00	\$ 1.70	\$ 170.00	\$ 1.70	\$ 170.00

Total (Base Bid)

\$ 686,183.04

\$ 726,844.60

\$ 733,789.45

COMPLETENESS

- Bid Form (PennBid eBid Form or Document 00 41 00)
- Bid Bond Form (Document 00 43 13) or other Bid Security
- Bidder Acknowledgement Form (Document 00 45 10)
- Bidder Qualification Statement Form (Document 00 45 13)
- Non-Collusion Affidavit of Prime Bidder (Document 00 45 19)
- Agreement of Surety Form (Document 00 45 53)
- Public Works Employment Verification Form (Document 00 73 00, Appendix B)

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BID TABULATION

CLIENT: Montgomery Township
PROJECT NAME: 2018 Paving Project
PROJECT NUMBER: 2017-09024
PROJECT BID DATE: 2/14/2018
DATE: 2/19/2018

7	8	9
CONTRACTOR: N. Abbonizio Contractors, Inc.	Road-Con, Inc.	Joseph E. Sucher & Sons
ADDRESS: 1250 Conshohocken Road	902 Camaro Run Drive	933 Saville Avenue
CITY, STATE, ZIP: Conshohocken, PA, 19428	West Chester, PA, 19380	Eddystone, PA, 19022
PHONE: (610) 275-8540	(610) 429-8089	(610) 872-0892
FAX: (610) 277-4950	(610) 429-8098	(610) 872-2147
CONTACT: Stephen Abbonizio	Albert D. Hoffman	John J. Sucher
EMAIL: sabbonizio@nabbonizio.com	ahoffman@road-con.com	jsucher@rcn.com

ITEM #	DESCRIPTION	QUANTITY	UNIT	7		8		9	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BASE BID									
1	Mill Roadway, 1.5" depth	71225	SY	\$ 2.75	\$ 195,868.75	\$ 2.80	\$ 199,430.00	\$ 2.95	\$ 210,113.75
2	8" Asphalt Base Repair (If & Where Directed)	415	SY	\$ 55.00	\$ 22,825.00	\$ 45.00	\$ 18,675.00	\$ 75.00	\$ 31,125.00
3	14.5" Asphalt Base Repair (If & Where Directed)	120	SY	\$ 130.00	\$ 15,600.00	\$ 120.00	\$ 14,400.00	\$ 155.00	\$ 18,600.00
4	HMA Leveling Course, PG 64 - 22, 0.0 to 0.3 million ESAL's, 9.5 mm mix, +/-1-1/2" Depth, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22	125	TON	\$ 90.00	\$ 11,250.00	\$ 87.00	\$ 10,875.00	\$ 76.00	\$ 9,500.00
5	HMA Wearing Course, PG 64 - 22, 0.0 to 0.3 million ESAL's, 9.5 mm mix, 1-1/2" Depth, SRL H, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22	59549	SY	\$ 7.50	\$ 446,617.50	\$ 7.80	\$ 464,482.20	\$ 7.60	\$ 452,572.40
6	HMA Wearing Course, PG 64 - 22, 3.0 to 30 million ESAL's, 9.5 mm mix, 1-1/2" Depth, SRL H, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22 (Knapp Road)	11676	SY	\$ 8.65	\$ 100,997.40	\$ 7.80	\$ 91,072.80	\$ 8.00	\$ 93,408.00
7	24" Wide Thermoplastic STOP Bar	109	LF	\$ 13.00	\$ 1,417.00	\$ 11.00	\$ 1,199.00	\$ 14.00	\$ 1,526.00
8	24" Wide Thermoplastic Gore Striping	196	LF	\$ 13.00	\$ 2,548.00	\$ 11.00	\$ 2,156.00	\$ 14.00	\$ 2,744.00
9	Pavement Markings, Thermoplastic 'Left Turn' Arrows	11	EA	\$ 300.00	\$ 3,300.00	\$ 220.00	\$ 2,420.00	\$ 300.00	\$ 3,300.00
10	Pavement Markings, Thermoplastic "ONLY" Letters	28	EA	\$ 100.00	\$ 2,800.00	\$ 69.00	\$ 1,932.00	\$ 80.00	\$ 2,240.00
11	4" Wide Double Yellow Line, Epoxy	1750	LF	\$ 2.50	\$ 4,375.00	\$ 2.40	\$ 4,200.00	\$ 2.75	\$ 4,812.50
12	4" Wide Single Yellow Line, Epoxy	2944	LF	\$ 1.25	\$ 3,680.00	\$ 1.20	\$ 3,532.80	\$ 1.55	\$ 4,563.20
13	4" Wide Broken Yellow Line, Epoxy	740	LF	\$ 1.25	\$ 925.00	\$ 1.20	\$ 888.00	\$ 1.55	\$ 1,147.00
14	4" Wide Single White Line, Epoxy	860	LF	\$ 1.25	\$ 1,075.00	\$ 1.20	\$ 1,032.00	\$ 1.55	\$ 1,333.00
15	6" Wide Single White Line, Thermoplastic	100	LF	\$ 2.00	\$ 200.00	\$ 1.75	\$ 175.00	\$ 2.40	\$ 240.00

Total (Base Bid)

\$ 813,478.65

\$ 816,469.80

\$ 837,224.85

COMPLETENESS

- Bid Form (PennBid eBid Form or Document 00 41 00)
- Bid Bond Form (Document 00 43 13) or other Bid Security
- Bidder Acknowledgement Form (Document 00 45 10)
- Bidder Qualification Statement Form (Document 00 45 13)
- Non-Collusion Affidavit of Prime Bidder (Document 00 45 19)
- Agreement of Surety Form (Document 00 45 53)
- Public Works Employment Verification Form (Document 00 73 00, Appendix B)

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BID TABULATION

CLIENT: Montgomery Township
PROJECT NAME: 2018 Paving Project
PROJECT NUMBER: 2017-09024
PROJECT BID DATE: 2/14/2018
DATE: 2/19/2018

10	11
CONTRACTOR: Barker & Barker Paving	Marino Corp.
ADDRESS: 910 14th Avenue	1400 Cressman Road
CITY, STATE, ZIP: Bethlehem, PA, 18018	PO Box 1209
PHONE: (484) 357-5562	Skippack, PA, 19474
FAX: (610) 317-9071	(610) 584-1800
CONTACT: Gavin McGeehan	(610) 584-8244
EMAIL: gavin@barkerpaving.com	Richard M. Marino
	ricmarino@marinocorp.com

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BASE BID							
1	Mill Roadway, 1.5" depth	71225	SY	\$ 2.30	\$ 163,817.50	\$ 2.60	\$ 185,185.00
2	8" Asphalt Base Repair (If & Where Directed)	415	SY	\$ 55.00	\$ 22,825.00	\$ 120.00	\$ 49,800.00
3	14.5" Asphalt Base Repair (If & Where Directed)	120	SY	\$ 100.00	\$ 12,000.00	\$ 210.00	\$ 25,200.00
4	HMA Leveling Course, PG 64 - 22, 0.0 to 0.3 million ESAL's, 9.5 mm mix, +/-1-1/2" Depth, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22	125	TON	\$ 110.00	\$ 13,750.00	\$ 138.00	\$ 17,250.00
5	HMA Wearing Course, PG 64 - 22, 0.0 to 0.3 million ESAL's, 9.5 mm mix, 1-1/2" Depth, SRL H, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22	59549	SY	\$ 8.90	\$ 529,986.10	\$ 8.60	\$ 512,121.40
6	HMA Wearing Course, PG 64 - 22, 3.0 to 30 million ESAL's, 9.5 mm mix, 1-1/2" Depth, SRL H, containing ≤ 15% recycled material and virgin asphalt cement P.G. binder grade 64-22 (Knapp Road)	11676	SY	\$ 9.10	\$ 106,251.60	\$ 9.30	\$ 108,586.80
7	24" Wide Thermoplastic STOP Bar	109	LF	\$ 10.70	\$ 1,166.30	\$ 7.20	\$ 784.80
8	24" Wide Thermoplastic Gore Striping	196	LF	\$ 10.70	\$ 2,097.20	\$ 7.20	\$ 1,411.20
9	Pavement Markings, Thermoplastic 'Left Turn' Arrows	11	EA	\$ 215.00	\$ 2,365.00	\$ 150.00	\$ 1,650.00
10	Pavement Markings, Thermoplastic 'ONLY' Letters	28	EA	\$ 70.00	\$ 1,960.00	\$ 61.00	\$ 1,708.00
11	4" Wide Double Yellow Line, Epoxy	1750	LF	\$ 2.35	\$ 4,112.50	\$ 0.90	\$ 1,575.00
12	4" Wide Single Yellow Line, Epoxy	2944	LF	\$ 1.20	\$ 3,532.80	\$ 0.45	\$ 1,324.80
13	4" Wide Broken Yellow Line, Epoxy	740	LF	\$ 1.20	\$ 888.00	\$ 0.45	\$ 333.00
14	4" Wide Single White Line, Epoxy	860	LF	\$ 1.20	\$ 1,032.00	\$ 0.45	\$ 387.00
15	6" Wide Single White Line, Thermoplastic	100	LF	\$ 1.70	\$ 170.00	\$ 2.00	\$ 200.00
Total (Base Bid)					\$ 865,954.00	\$ 907,517.00	

Total (Base Bid)

\$ 865,954.00

\$ 907,517.00

COMPLETENESS

- Bid Form (PennBid eBid Form or Document 00 41 00)
- Bid Bond Form (Document 00 43 13) or other Bid Security
- Bidder Acknowledgement Form (Document 00 45 10)
- Bidder Qualification Statement Form (Document 00 45 13)
- Non-Collusion Affidavit of Prime Bidder (Document 00 45 19)
- Agreement of Surety Form (Document 00 45 53)
- Public Works Employment Verification Form (Document 00 73 00, Appendix B)

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MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Award of Bid for the 2018 Curb and Sidewalk Project

MEETING DATE: February 26, 2018

ITEM NUMBER: #11

MEETING/AGENDA: WORK SESSION

ACTION XX

NONE

REASON FOR CONSIDERATION: Operational: XX Policy: Discussion: Information:

INITIATED BY: Kevin A. Costello
Director of Public Works

BOARD LIAISON: Candyce Fluehr Chimera,
Chairman



BACKGROUND:

Staff received and opened bids on February 14, 2018 at 10:00 a.m. Township Engineer, Gilmore & Associates Inc. has reviewed the bids and has provided a recommendation to award the bid to the lowest responsible bidder, Ettore Ventresca & Sons Inc. with a bid of \$711,330.00. Attached are bid tabulation sheets and the award recommendation letter.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

PREVIOUS BOARD ACTION:

ALTERNATIVES/OPTIONS:

BUDGET IMPACT:

The allocation in the approved 2018 Budget, based on the Engineer's estimate is \$840,080.00. The bids ranged from a high of \$1,346,984.45 to a low of \$711,330.00 with an average bid of \$888.460.00.

RECOMMENDATION:

Award the bid as recommended to Ettore Ventresca & Sons Inc. for a total projected cost of \$711,330.00.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby award the bid for the 2018 Curb and Sidewalk Project contract to Ettore Ventresca & Sons Inc. for a total projected cost of \$711,330.00.

MOTION: _____

SECOND: _____

ROLL CALL:

Tanya C. Bamford	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Matthew W. Quigg	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.



February 21, 2018

File No. 2017-08090

Lawrence Gregan, Township Manager
Montgomery Township
1001 Stump Road
Montgomeryville, PA 18936

Reference: 2018 Curb and Sidewalk Project
Award Recommendation

Dear Mr. Gregan:

Pursuant to your request, Gilmore & Associates, Inc. has reviewed the bids for the above referenced project. The Township received a total of five bids for this project. Bids were publicly opened and read aloud on February 14, 2018, at 10:00 AM at the Township Building. A copy of the Bid A and Bid B bid tabulations have been attached for your review.

Upon review, the bid submitted by the apparent low bidder, Ettore Ventresca & Sons, Inc. was found to be complete. Gilmore & Associates, Inc. has also completed references checks for Ettore Ventresca & Sons, Inc. and received positive responses with regard to timeliness, responsiveness, workmanship, and professionalism.

Accordingly, we recommend the contract for the 2018 Curb and Sidewalk Project be awarded to **Ettore Ventresca & Sons, Inc.**, for all items under the Base Bid in the amount of **\$711,330.00**, subject to review by the Township Solicitor.

As always, please call us if you have any questions or if we can be of any assistance regarding this project.

Sincerely,

James P. Dougherty, P.E.
Senior Project Manager
Gilmore & Associates, Inc.

Erin M. von Hacht, P.E.
Project Engineer
Gilmore & Associates, Inc.

JPD/EVH/

Enclosure: Bid Tabulation

cc: Kevin Costello, Director of Public Works, Montgomery Township
Stacey A. Rymkiewicz, Public Works Department Administrative Assistant, Montgomery Township
Deb Rivas, Administration Supervisor, Montgomery Township
Russell Dunlevy, P.E., Senior Executive V.P., Gilmore & Associates, Inc.

BUILDING ON A FOUNDATION OF EXCELLENCE

65 E. Butler Avenue | Suite 100 | New Britain, PA 18901 Phone: 215-345-4330 | Fax: 215-345-8606

www.gilmore-assoc.com

G GILMORE & ASSOCIATES, INC.
& A BID TABULATION - A BID

CLIENT:
 Montgomery Township

PROJECT NAME:
 2018 Curb & Sidewalk Project - Bid A

PROJECT NUMBER:
 2017-08090

PROJECT BID DATE:
 February 14, 2018

Ettore Ventresca & Sons, Inc. 3146 Bristol Road Warrington, PA 18976 Daniel Ventresca (P): 215-343-6430 (F): 215-343-5497	Reamstown Excavating 560 N 5th Street, PO Box 147 Denver PA 17517 Marty Guris (P): 717-336-3925 (F): 717-336-0596	ABC Construction Co., Inc. 714 Dunksfery Road Bensalem, PA 19020 Bob Yetman (P): 215-639-5299 (F): 215-639-1546	Olivieri & Associates, Inc. P.O. Box 60598 Philadelphia, PA 19145 Maria Olivieri (P): 215-271-6777 (F): 215-467-4040	Heim Construction Company 1020 Chestnut Road Orwigsburg PA 17961 Frank Thomas 570-968-4445 570-968-4441
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#	DESCRIPTION	QUANTITY & UNITS		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Remove & Replace Vertical/Depressed Concrete Curb	LF	2,644	\$ 78.00	\$ 206,232.00	\$ 75.00	\$ 198,300.00	\$ 94.79	\$ 250,624.76	\$ 94.50	\$ 249,858.00	\$ 142.60	\$ 377,034.40
2	Remove & Replace 4" ADA/PennDOT Compliant Curb Ramps	SF	9,088	\$ 18.00	\$ 163,584.00	\$ 19.00	\$ 172,672.00	\$ 25.95	\$ 235,833.60	\$ 27.00	\$ 245,376.00	\$ 42.30	\$ 384,422.40
3	Remove & Replace 4" Plain Cement Concrete Sidewalk	SF	10,520	\$ 14.00	\$ 147,280.00	\$ 15.00	\$ 157,800.00	\$ 12.62	\$ 132,762.40	\$ 15.00	\$ 157,800.00	\$ 23.45	\$ 246,694.00
4	Remove & Replace 6" Reinforced Concrete Sidewalk	SF	4,494	\$ 18.00	\$ 80,892.00	\$ 17.00	\$ 76,398.00	\$ 16.93	\$ 76,083.42	\$ 18.00	\$ 80,892.00	\$ 30.60	\$ 137,516.40
5	Remove & Replace 6" Concrete Driveway Apron	SF	6,019	\$ 18.00	\$ 108,342.00	\$ 17.00	\$ 102,323.00	\$ 16.39	\$ 98,651.41	\$ 18.00	\$ 108,342.00	\$ 32.75	\$ 197,122.25
6	Concrete Testing	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 26,270.90	\$ 26,270.90	\$ 4,000.00	\$ 4,000.00	\$ 4,195.00	\$ 4,195.00
Total Amount Bid, Based on Estimated Quantities, for Items #1-6, Inclusive					\$ 711,330.00	\$ 717,493.00		\$ 820,226.49		\$ 846,268.00		\$ 1,346,984.45	

COMPLETENESS REVIEW	Ettore Ventresca & Sons, Inc.	Reamstown Excavating	ABC Construction Co., Inc.	Olivieri & Associates, Inc.	Heim Construction Company
A. Bid Form	X	X	X	X	X
B. Bid Bond	X	X	X	X	X
C. Agreement of Surety	X	X	X	X	X
D. Bidder's Qualification Form	X	X	X	X	X
E. Non-Collusion Affidavit	X	X	X	X	X
F. Public Works Verification Form	X	X	X	X	X

G GILMORE & ASSOCIATES, INC.
&A BID TABULATION - B BID

CLIENT:

Montgomery Township

PROJECT NAME:

2018 Curb & Sidewalk Project

PROJECT NUMBER:

17-08090

PROJECT BID DATE:

February 14, 2018

Ettore Ventresca & Sons, Inc. 3146 Bristol Road Warrington, PA 18976 Daniel Ventresca 215-343-6430 215-343-5497	Reamstown Excavating 560 N 5th Street, PO Box 147 Denver PA 17517 Marty Guris 717-336-3925 717-336-0596	ABC Construction Co., Inc. 714 Dunksferry Road Bensalem, PA 19020 Bob Yetman 215-639-5299 215-639-1546	Olivieri & Associates, Inc. P.O. Box 60598 Philadelphia, PA 19145 Maria Olivieri 215-271-6777 215-467-4040	Heim Construction Company 1020 Chestnut Road Orwigsburg PA 17961 Frank Thomas 570-968-4445 570-968-4441
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#	DESCRIPTION	QUANTITY & UNITS		UNIT PRICE				
B 1A	Remove & Replace 1 to 100 Linear Feet of Vertical/Depressed Concrete Curb (7"X8"X18")	LF	1	\$ 78.00	\$ 90.00	\$ 176.07	\$ 130.00	\$ 160.00
B 1B	Remove & Replace Greater Than or Equal to 101 Linear Feet of Vertical/Depressed Concrete Curb (7"X8"X18")	LF	1	\$ 78.00	\$ 75.00	\$ 121.41	\$ 95.00	\$ 153.55
B 2A	Remove & Replace 1 to 750 Square Feet of Concrete Sidewalk (4")	SF	1	\$ 14.00	\$ 20.00	\$ 17.93	\$ 35.00	\$ 30.00
B 2B	Remove & Replace 751 to 1,500 Square Feet of Concrete Sidewalk (4")	SF	1	\$ 14.00	\$ 15.00	\$ 22.03	\$ 30.00	\$ 25.00
B 2C	Remove & Replace Greater Than or Equal to 1,501 Square Feet of Concrete Sidewalk (4")	SF	1	\$ 14.00	\$ 15.00	\$ 22.03	\$ 29.00	\$ 23.45
B 3	Remove & Replace 1 to 256 Square Feet of ADA/PennDOT Compliant Handicap Ramps (4")	SF	1	\$ 18.00	\$ 19.00	\$ 51.97	\$ 50.00	\$ 42.30
B 4	Remove & Replace 1 to 200 Square Feet of Reinforced Concrete Sidewalk (6")	SF	1	\$ 18.00	\$ 17.00	\$ 59.86	\$ 50.00	\$ 32.00
B 5	Remove & Replace 1 to 200 Square Feet of Concrete Driveway Apron (6")	SF	1	\$ 18.00	\$ 17.00	\$ 59.86	\$ 50.00	\$ 35.00

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Request to Approve Out of State Training – Public Works Department

MEETING DATE: February 26, 2018

ITEM NUMBER: #12.

MEETING/AGENDA: WORK SESSION

ACTION XX

NONE

REASON FOR CONSIDERATION: Operational: XX Policy: Discussion: Information:

INITIATED BY: Kevin A. Costello
Director of Public Works

BOARD LIAISON: Candyce Fluehr Chimera,
Chairman



BACKGROUND:

The International Municipal Signal Association (IMSA) offers educational and certification programs for Public Works employees in Maintenance and Repairs of Traffic Signals, Roadway Signs and Markings and Work Zone Traffic Control / Flagging

Public Works Employee, Dave Fulton, is being trained in all aspects of Traffic Signal maintenance and repairs. I am recommending following two classes: The first class is Work Zone Traffic Control Tech to be held on March 26, 2018 and the second is IMSA Level I Traffic Signal Tech to be held on March 29, 2018.

The Work Zone Course is a comprehensive course in work zone safety and setup and is prerequisite for the IMSA Level I. Level I provides a certification, upon successful completion of an exam, in troubleshooting, maintenance and repairs of traffic signals.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT: None.

PREVIOUS BOARD ACTION: None.

ALTERNATIVES/OPTIONS: None.

BUDGET IMPACT:

The cost of this training is included in the 2018 Final Approved Budget.

RECOMMENDATION:

It is recommended that authorization be given for Dave Fulton to attend "out of state" training hosted by the New Jersey Chapter of the International Municipal Signal Association (IMSA) for Work Zone Traffic Control and IMSA Level I. The training is to be held in Rutgers Eco Complex in Bordentown, New Jersey and is close enough to commute with a Township vehicle.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby authorize Dave Fulton to attend the out of state training hosted by the New Jersey Chapter of the International Municipal Signal Association (IMSA) for Work Zone Traffic Control and Level I Traffic Signal Technician Certification.

MOTION: _____

SECOND: _____

ROLL CALL:

Tanya C. Bamford	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Matthew W. Quigg	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

Dedicated to providing quality certification programs for the safe installation, operation and maintenance of public safety systems; delivering value for members by providing the latest information and education in the industry.

Certification

IMSA's internationally recognized Certification programs identify individuals who have demonstrated required knowledge, skills and experience to perform specific technical tasks in one or more of the following fields:

Fiber Optics

Fire Alarm Monitoring

Interior Fire Alarm

Public Reporting Systems

Public Safety Telecommunicator

Roadway Lighting

Signs and Pavement Markings

Traffic Signal Inspection

Traffic Signals

Transportation Center System Specialist

Work Zone Temporary Traffic Control

IMSA Certification reflects an individual's accomplishment and professional advancement while demonstrating achievement to the general public, coworkers, employers and others.

IMSA

597 Haverly Court, Suite 100
Rockledge, FL 32955-3613
www.IMSAsafety.org

IMSA is the oldest established association of its kind in the world. Although it dates back to 1896, its hardworking staff and volunteers are continuously developing and updating its many programs to ensure they are current and technically correct.

The driving purpose of the organization is to keep its members and others in the profession up-to-date on proper procedures in the industry. Through our publication, *The IMSA Journal*, and our website, we keep our members informed about new products and developments.

Since its origin, IMSA has grown in size, stature, and prestige. Today, the Association has members throughout the United States, Canada, and the world. Through its continuing dedication to public safety, IMSA has gained recognition and influence with local, state, provincial and national governments, as well as other professional organizations.

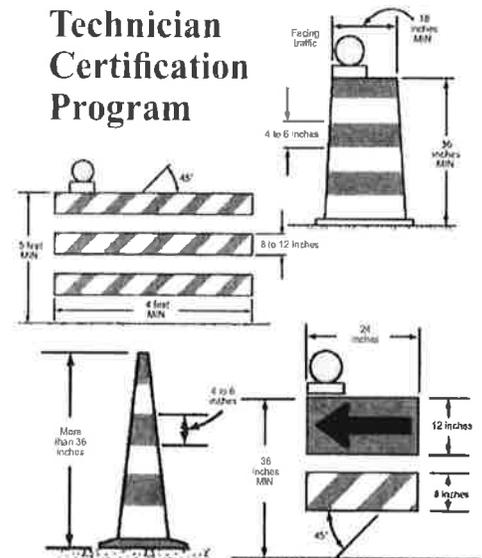
Visit the IMSA website at:
www.IMSAsafety.org
or Call Toll Free: (800) 723-4672
or Fax to: (321) 806-1400
or E-mail to: info@IMSAsafety.org

IMSA
597 Haverly Court, Suite 100
Rockledge, FL 32955-3613

Revised 8/2017



Work Zone Temporary Traffic Control Technician Certification Program



Dedicated to providing quality certification programs for the safe installation, operation, and maintenance of public safety systems; delivering value for members by providing the latest information and education in the industry.

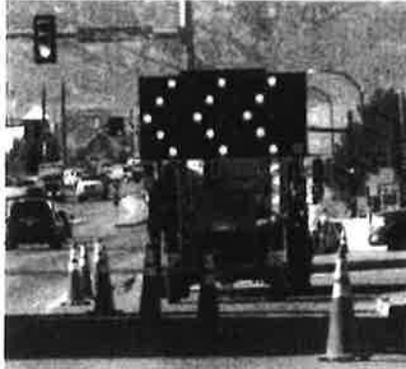
Work Zone Temporary Traffic Control Technician Certification Program

Program Description

This is an entry-level seminar to review basic and advanced methods of Temporary Traffic Control in Work Zones. This course reviews principles for the design, installation, and maintenance of traffic control devices and identifies applicable standards for common urban, rural, and freeway situations. You will review traffic control theory and devices, hand signaling devices, typical situations for construction, and traffic terminology. Problems of traffic control may occur when traffic must be moved through or around road or street construction, maintenance operations, utility work, and incidents on or adjacent to the roadway. This two-day seminar establishes principles to be observed in the design, installation, and maintenance of traffic control devices, and identifies standards where applicable. The general principles outlined are applicable to both rural and urban situations. You will review:

- Guidelines for using traffic control devices
- Typical situations for construction
- Traffic terminology
- Work zone temporary traffic control and safety review notes
- State and/or local design standards.

The Work Zone Temporary Traffic Control Technician Study Guide is based on the current edition of the MUTCD and includes *Part 6: Temporary Traffic Control*. Moderators will use a DVD PowerPoint presentation to present materials.



Prerequisites

There are NO prerequisites for taking the Work Zone Temporary Traffic Control Technician seminar. This is an introductory level seminar.

This seminar, or an approved equivalent, is a prerequisite for Roadway Lighting, Sign and Pavement Marking, and Traffic Signal Technician Programs.

Who Should Participate

In addition to those who are taking this seminar as the prerequisite for other IMSA certifications, it is recommended to all workers who work within the public right-of-way or next to vehicular traffic, workers having specific Temporary Traffic Control responsibilities, and all responsible parties who plan, install through design, construction, maintenance, utility, incident zones, and planned special events.

Special Note: The procedures of specific state and local agencies may vary from those presented in these programs. It is highly recommended that each participant become familiar with the practices of their own applicable agency which has jurisdiction over his or her area of operation.

Benefits of This Program

This seminar on Work Zone Temporary Traffic Control was specifically developed by the principles and procedures which experience has shown to enhance the safety of motorists, pedestrians, workers, and the general public in the vicinity of work areas.

Upon completion of this course and passing a comprehensive 100-question exam, the student will be certified by IMSA as a Work Zone Temporary Traffic Control Technician and receive a certificate and wallet card.



IMSA also offers certification in Fiber Optics for ITS, Traffic, Fire Alarm, and Communication Systems.

Visit IMSA's website for information on certification renewal, CEUs, and IMSA's TARP program.



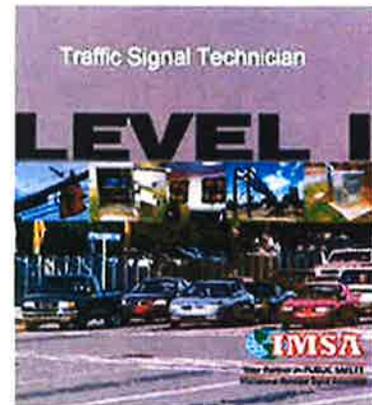
Traffic Signal Technician

Traffic Signal Technician Level I Certification indicates that the holder is familiar with the concepts and terminology associated with signalized traffic control devices and systems. The content is designed for the entry-level technician that has had some prior training or experience in electrical technology. Work site safety is a primary skill area, having been covered in Work Zone Temporary Traffic Control Technician and also in this coursework. Principles of operation and the primary electrical details of cabinet wiring and components have been introduced. Equipment, methods, and materials of signal system construction have been reviewed. The basics of traffic signal design, maintenance, and legal issues have been explained and discussed. This certification holder is prepared to make a contribution on any traffic signal crew, whether involved in construction, maintenance, or design preparation with proper supervision and guidance. This certification also provides the required background information that will allow the technician to learn the material taught in the four Level II certification courses.

Copyright 2011

Prerequisites:

IMSA Work Zone Temporary Traffic Control Technician Certification or equivalent as approved by the IMSA Education & Certification Manager.



Revised November 2011

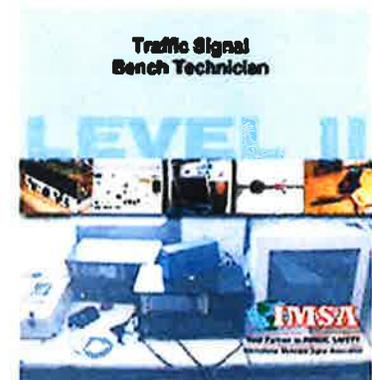
Traffic Signal Bench Technician Level II

The Traffic Signal Bench Level II Certification indicates the holder has a well-rounded background in traffic signal technology from coursework and experience. The Level II Bench certification indicates the technician has additional training on traffic signal control cabinet equipment. This training includes the programming, application, and maintenance of controllers, conflict monitors, vehicle and pedestrian detection systems, and the communication and power wiring of the cabinet. The technician is also trained in electronic circuit operation and fault diagnosis, and the use of test equipment for diagnosis and certification of control cabinet equipment. The certification holder is prepared to make a substantial contribution in the signal maintenance operation of either a private firm or a public agency by preparing signal cabinets for deployment and/or troubleshooting and repairing cabinet components that are brought in from the field.

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Prerequisites:

IMSA Work Zone Temporary Traffic Control Technician Certification or equivalent as approved by the IMSA Education &



Revised November 2011

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Authorization to Execute Advanced Law Enforcement Intelligence System – ALEIS Records Management Agreement

MEETING DATE: February 26, 2018 ITEM NUMBER: #13.

MEETING/AGENDA: WORK SESSION ACTION NONE

REASON FOR CONSIDERATION: Operational: Information: Discussion: Policy:

INITIATED BY: J. Scott Bendig
Chief of Police

BOARD LIAISON: Candyce Fluehr Chimera
Chairman, Board of Supervisors



BACKGROUND:

In March of 2016, the Montgomery County Department of Public Safety awarded a contract to CSI Technology Group of New Jersey to develop a countywide law enforcement records management system (RMS) known as the Advanced Law Enforcement Intelligence System (ALEIS). This cloud-based system is designed to improve the safety of law enforcement officers and the public by providing investigative tools that enhance the ability of the police to navigate the criminal investigation process and reduce the time to resolution. Featured modules of this new RMS include:

- Training
- Fleet management
- Case management of calls for service
- Master indexing of information
- Property/evidence tracking
- Arrests and warrants
- Uniform Crime Reporting
- Crime linking analysis
- Accreditation
- Cloud-based storage of data

The Montgomery County Department of Public Safety has extended an invitation to individual law enforcement agencies in Montgomery County to have access to this RMS at a cost below that of our current RMS provider. Law enforcement agencies that opt into the user agreement at this time have also been extended additional financial incentives. Montgomery Township has been offered \$34,122.00 in incentives for this early opt-in to include:

- A two-year waiver of user licenses
- Data conversion from our current RMS to the new RMS
- Evidence Room Hardware
- Electronic Citation Hardware

This agreement with the Montgomery County Department of Public Safety has been reviewed and approved in content by the Township Solicitor.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

Continue to utilize the department's current records management system.

BUDGET IMPACT:

Fees incurred as a user of the countywide law enforcement RMS will result in an approximate savings of over \$5,000.00 per year based on those fees currently incurred by the police department utilizing our current RMS system and cloud-based evidence management system.

RECOMMENDATION:

Approve the execution of the Advanced Law Enforcement Intelligence System (ALEIS) Agency Agreement with the Montgomery County Department of Public Safety.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby authorize execution of the Advanced Law Enforcement Intelligence System (ALEIS) Agency Agreement with the Montgomery County Department of Public Safety.

MOTION: _____ SECOND: _____

ROLL CALL:

Tanya C. Bamford	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Matthew W. Quigg	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

ADVANCED LAW ENFORCEMENT INTELLIGENCE SYSTEM (ALEIS) AGENCY AGREEMENT

between the

MONTGOMERY COUNTY DEPARTMENT OF PUBLIC SAFETY

And

Agency Montgomery Twp. Police Dept.	Telephone 215-362-2301	Originating Agency Identifier (ORI) Number PA0461800	
Address 1001 Stump Rd	City Montgomeryville	State PA	ZIP Code 18936

This "Agency" hereinafter will be known as "SUBSCRIBER."

PURPOSE

The purpose of this Agreement is to set forth the terms and conditions under which the Montgomery County Department of Public Safety (MCDPS) will provide access to the Advanced Law Enforcement Intelligence System (ALEIS) as requested by the SUBSCRIBER.

The MCDPS must have the following items before user IDs and passwords are issued to the SUBSCRIBER:

- The ALEIS Administrator/Application Request (RMS-001); and
- This original, completed ALEIS Agency Agreement (RMS-002);

System access granted by this Agreement is non-transferable by the above-named SUBSCRIBER and its operator(s), staff, or employees to another operator, work site, or agency and is revoked upon the SUBSCRIBER'S termination of this Agreement.

DEFINITIONS

1. **"MCDPS"** means the Montgomery County Department of Public Safety. It is a department within the government of the County of Montgomery.
2. **"Agreement"** means this contract between the MCDPS and the SUBSCRIBER.
3. **"ALEIS"** means the Advanced Law Enforcement Intelligence System. This Web-based system provides a comprehensive suite of law enforcement records management, intelligence, and information sharing capabilities as well as access to other connected law enforcement systems.
4. **"MCDPS Software Systems"** means the electronic records management or information retrieval systems owned and operated by the MCDPS in which the subscriber has access via ALEIS.
5. **"Third-Party Software"** means software not offered by the MCDPS but necessary to view, edit, or operate MCDPS software systems; e.g., Adobe Acrobat for viewing documents, Internet Explorer for access ALEIS, etc.

6. **“Advanced Authentication”** means authentication based on additional security to the typical user identification and authentication of login ID and password, including, but not limited to: biometric systems, user-based public key infrastructure (PKI), smart cards, software tokens, hardware tokens, paper (inert) tokens, or “Risk-based Authentication” that includes a software token element comprised of a number of factors, such as network information, user information, positive device identification (e.g., device forensics, user pattern analysis, and user binding), user profiling, and high-risk challenge/response questions. (CJIS Security Policy 5.6, Section 5.6.2.2)
7. **“Agency Access Administrator”** means the person who is responsible for entering and maintaining the names and passwords of all users within the SUBSCRIBER AGENCY who are authorized to access various MCDPS software systems. This person also distributes training manuals and other publications. Those who are in this role must have the appropriate authority to grant and deny access to users within the SUBSCRIBER AGENCY.

THE PARTIES AGREE AS FOLLOWS

1. The **MCDPS** agrees to perform the following functions:

1.1. ACCESS, OPERATION, AND MAINTENANCE

The MCDPS will:

- 1.1.1. Allow the SUBSCRIBER access to MCDPS software systems as described in this Agreement.
- 1.1.2. Solely and exclusively select the equipment to provide, maintain, operate, and manage MCDPS software systems to furnish the services specified in this Agreement.
- 1.1.3. Solely and exclusively provide the equipment that maintains, operates, and manage MCDPS software systems in order to furnish the services specified in this Agreement.
- 1.1.4. Furnish and maintain MCDPS software systems, including templates, updates, and operating manuals and publications. The MCDPS will not furnish or provide third-party software tools.
- 1.1.5. Extract and send data, when applicable, to backend databases; e.g., Pennsylvania State Police Uniform Crime Reporting (UCR) and Pennsylvania Department of Transportation Traffic Crash Reporting System (TCRS).
- 1.1.6. Refer “Right to Know Law” requests for SUBSCRIBER’S information, as required by PA Act 3 of 2008, to SUBSCRIBER for all stored and maintained records.

2. SUPPORT AND TRAINING

The MCDPS will:

- 2.1.1. Provide training for the SUBSCRIBER’S system coordinators on MCDPS software systems. This training will serve as a resource for assistance in the initial software setup and training of the SUBSCRIBER’S personnel.
- 2.1.2. Not be responsible for problems resulting with software conflicts beyond that of MCDPS software systems.
- 2.1.3. Provide telephone support for MCDPS software systems. Support will be available by calling the ALEIS Support Center at 610-631-3099.
- 2.1.4. Provide the SUBSCRIBER with an electronic means to assign the SUBSCRIBER’S operators with individual user IDs and passwords.

3. The **SUBSCRIBER** agrees to adhere to the following terms and conditions:

3.1. LEGAL REQUIREMENTS AND COMPLIANCE

The SUBSCRIBER agrees to:

- 3.1.1. Adhere to all applicable provisions of PA Title 18 Chapter 91, as amended, the Criminal History Record Information Act.
- 3.1.2. Adhere to all applicable provisions of 28 CFR Part 23, as amended. This is a requirement to receive criminal intelligence assistance and information from MCDPS software systems in the furtherance of its law enforcement activities and to participate in the exchange of criminal intelligence among member agencies.
- 3.1.3. Comply with MCDPS audits in a timely manner as defined by the MCDPS. This ensures data integrity and proper use and dissemination of information available through MCDPS software systems.
- 3.1.4. Allow MCDPS staff to conduct periodic audits at either the SUBSCRIBER'S facility or at computer locations connected to the SUBSCRIBER to ensure use and dissemination of information received through MCDPS software systems are in compliance with policies and guidelines.
- 3.1.5. Comply with all security requirements and responsibilities and allow periodic audits of its records and facilities to ensure that the accessing, use and dissemination of information obtained from MCDPS software systems is in compliance with (a) MCDPS policy or guidelines; (b) the Pennsylvania State Police policies and regulations, specifically the Commonwealth Law Enforcement Assistance Network Administrative Regulations; (c) the most current version of the FBI CJIS Security Policy during the effective period of this agreement.
- 3.1.6. Ensure proper dissemination and logging of information obtained through MCDPS software systems.

3.2. CONFIDENTIALITY AND APPROPRIATE USE

The SUBSCRIBER agrees that:

- 3.2.1. Users will access, use, and disseminate information only when relevant and necessary for criminal justice purposes. **MCDPS software systems shall not be used for personal or non- governmental reasons.**
- 3.2.2. Regular and systematic audits will be conducted to minimize the possibility of improper access, use, and dissemination of information.
- 3.2.3. A challenge to the validity of records furnished is made only through fingerprint identification.
- 3.2.4. Some records supplied by the MCDPS are based on name and identifiers furnished.
- 3.2.5. Information provided by SUBSCRIBER will be shared among all agencies connected to ALEIS unless the SUBSCRIBER notifies MCDPS in writing that they do not wish to share information.

3.3. USER AUTHENTICATION

The SUBSCRIBER agrees to:

- 3.3.1. Have the SUBSCRIBER'S Agency Access Administrator configure user IDs and passwords in the ALEIS application. A user ID and password is for the exclusive use of the assigned user and **shall not** be loaned to anyone else or used by anyone else. If the user leaves the employment of the SUBSCRIBER, it is the responsibility of the SUBSCRIBER'S Access Administrator to immediately disable the user within the system. Failure to do so may result in the immediate suspension of the SUBSCRIBER'S access to information under this Agreement.
- 3.3.2. Ensure that all users are configured to utilize Advanced Authentication and that Advanced Authentication is enforced, when required, by the then-current CJIS Security Policy during the term of this agreement.
- 3.3.3. Allow the MCDPS to monitor its use of MCDPS software systems to ensure compliance with this Agreement.
- 3.3.4. Maintain a master file that contains the name(s) of its users.
- 3.3.5. Investigate all complaints of improper access, information misuse, and unauthorized dissemination of information.

- 3.3.6. Take all appropriate administrative and criminal actions against those who improperly access, use, or disseminate information.
- 3.3.7. Be subject to all appropriate administrative and MCDPS actions.

3.4. SECURITY

The SUBSCRIBER agrees to:

- 3.4.1. Implement reasonable procedures to protect information from unauthorized access, alteration, or destruction. If the computer being used for access to MCDPS software systems is removed from use for that purpose, the SUBSCRIBER will dispose of the hard drive in such a manner that prevents unauthorized access or use.
- 3.4.2. Be responsible for computers interfaced to its networks or computers that access MCDPS software systems, as well as the maintenance on these computers.
- 3.4.3. Be responsible for training operators on the use of access via its networks or computers.
- 3.4.4. Make program changes in accordance with new or modified information for MCDPS software systems within 90 days of notification, where applicable.
- 3.4.5. Not allow users to save login passwords on the login screen.

3.5. INSTALLATION, TRAINING, AND OPERATION

The SUBSCRIBER agrees to:

- 3.5.1. Use MCDPS software systems in their original format or as updated by the MCDPS. The SUBSCRIBER agrees not to:
 - Perform reverse engineering on software; or
 - Modify software or its tables in any way, unless authorized in writing by MCDPS staff.
- 3.5.2. Be responsible for the conversion and entry of data into MCDPS software systems using the codes, procedures, and techniques developed by the MCDPS.
- 3.5.3. Ensure all of its users are trained prior to accessing MCDPS software systems.
- 3.5.4. Maintain and make available to the SUBSCRIBER'S authorized users the operations manuals and other documentation required to use MCDPS software systems, when applicable.

3.6. LIAISON

The SUBSCRIBER agrees to:

- 3.6.1. Provide a point of contact to serve as the Agency Access Administrator. If this person subsequently is transferred, promoted, retired, etc., a replacement is to be named and the MCDPS notified within 10 days. The Agency Access Administrator will be responsible for:
 - Managing access for agency users, to include: Adding, deleting, modifying users and their profiles, resetting passwords, changing contact information (mobile phone numbers, email addresses, etc.), changing access privileges, and other routine administrative tasks;
 - Reporting violations of policies and guidelines to the MCDPS;
 - Distributing training manuals and other operating publications to operators;
 - Reserving training sites and necessary equipment, scheduling training participants, and coordinating setup, as applicable;
 - Ensuring all users have been properly trained prior to accessing MCDPS software systems; and,
 - Managing information access under this Agreement and performing periodic reviews of agency use of the system.

3.7. NETWORK AND EQUIPMENT REQUIREMENTS

The SUBSCRIBER agrees to:

- 3.7.1. Assume the costs associated with access to the MCDPS network, including all financial responsibilities for the computer equipment and the SUBSCRIBER'S Local Access Network (LAN). Recurring and non-recurring costs of communications connectivity to the MCDPS network remain the SUBSCRIBER'S responsibility.
- 3.7.2. Provide a network infrastructure and software that meet the minimum requirements required to access MCDPS software systems.
- 3.7.3. Continue to maintain and keep current virus protection software throughout the life of this Agreement. The SUBSCRIBER will install all patches and service packs issued for their operating system and Internet Explorer (or other applicable software) when available. Failure to maintain current virus protection, patches, and service packs endangers the network and may cause loss of service for the affected computer and/or network.

3.8. COPYRIGHT AND OWNERSHIP

- 3.8.1. The MCDPS and its suppliers and vendors retain all rights, title, and interest, including all copyright and intellectual property rights, in and to MCDPS software systems and all copies thereof.

3.9. AGENCY DATA OWNERSHIP

- 3.9.1. The MCDPS and its suppliers and vendors retain all rights, title, and interest, including all copyright and intellectual property rights, in and to MCDPS software systems and all copies thereof.
- 3.9.2. SUBSCRIBER retains ownership of all SUBSCRIBER AGENCY data. Data includes all text, numerical data, database records, media files, demographic information, search history, geo-location information, metadata, or any other data and information that SUBSCRIBER users input, attach, or otherwise store in ALEIS.
- 3.9.3. SUBSCRIBER is entitled to a one-time, no fee complete extract of all SUBSCRIBER AGENCY data in a mutually-agreed format that can be utilized by the SUBSCRIBER. SUBSCRIBER shall submit the request in writing to MCDPS. MCDPS shall have 90 calendar days to complete the extract and provide it in an electronic format to the SUBSCRIBER.
- 3.9.4. MCDPS will provide timely and appropriate notification to SUBSCRIBER that owns the data of any legal process made against MCDPS with regard to that data. No data should be released to any third party without a) proper and timely notification made to the SUBSCRIBER, and b) receipt of the affirmative authorization for release of said data by a duly authorized representative of the SUBSCRIBER, or c) receipt of an official order authorizing release of said data by a duly authorized court with jurisdiction over the data, and then only after adjudication of any legal proceedings challenging release of the data by the SUBSCRIBER.
- 3.9.5. MCDPS will notify the SUBSCRIBER immediately of any completed unauthorized access to their data and of any unlawful or significant attempted access to their data.
- 3.9.6. SUBSCRIBER shall have sole responsibility for the accuracy, quality, integrity, legality, reliability, and appropriateness all SUBSCRIBER data.

4. FEES AND PAYMENTS

- 4.1.1. The SUBSCRIBER shall pay to MCDPS certain fees as set forth in Schedule A, which fees shall be due and payable on Schedule B.
- 4.1.2. SUBSCRIBER shall remit fees to MCDPS in accordance with the payment terms detailed in Schedule A.

5. REFERENCE:

- 5.1. The following documents are incorporated by reference and made part of this Agreement:
 - 5.1.1. For MCDPS software systems retrieving information via the Commonwealth Law Enforcement Assistance Network (CLEAN), all CJIS Security policy rules and regulations and CLEAN Administrative Regulations.

6. MISCELLANEOUS:

- 6.1. **Waiver** - The failure of a party to insist upon strict adherence to any term of this Agreement shall not be considered a waiver or deprive the party of the right thereafter to insist upon the strict adherence to that term of the Agreement.
- 6.2. **Modifications** - This Agreement may not be modified, amended, extended, or augmented, except by written amendment signed by both parties.
- 6.3. **Governing Law** - This Agreement shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania.
- 6.4. **Headings** - The headings given to the sections and paragraphs of this Agreement are inserted only for convenience and are in no way to be construed as part of this Agreement or as a limitation of the scope of the particular sections or paragraphs to which the heading refers.
- 6.5. **Independent Contractor Relationship** - The relationship between the MCDPS and the SUBSCRIBER is that of an independent contractor and client. No agent, employee, or servant of the MCDPS shall be deemed to be an employee, agent, or servant of the SUBSCRIBER. The SUBSCRIBER will be solely and entirely responsible for its acts and the acts of its agents, employees, servants, subcontractors, and volunteers during the performance of this Agreement.
- 6.6. **No Third-Party Beneficiaries** - It is expressly understood and agreed by the parties that this Agreement and the services provided are not intended to inure to the benefit or detriment of any third party.
- 6.7. **Severability** - If any provision of this Agreement is found invalid or unenforceable by a court of competent jurisdiction, such finding will not affect the other provisions of the Agreement, all of which shall remain in full force and effect.
- 6.8. **Notices** - All notices to be given under this Agreement, except for emergency service requests, shall be in writing and shall be deemed given: (a) upon personal delivery; (b) one business day after deposit with a nationally recognized overnight courier service; or (c) two business days after deposit in a United States Postal receptacle; if sent certified mail, return receipt requested. Any of the foregoing methods may be used to give such notice.

TERMS OF AGREEMENT

1. This Agreement shall commence on the date as listed below for the SUBSCRIBER and continue until the MCDPS or the SUBSCRIBER terminates service. The MCDPS or the SUBSCRIBER may cancel this Agreement upon 30 days written notice stating the reasons for termination and the effective date.
2. The MCDPS reserves the right to immediately suspend furnishing any information or services provided for in this Agreement to the SUBSCRIBER when this Agreement, any MCDPS, Pennsylvania State Police, or federal CJIS policy or guideline, or any law of this state or federal government applicable to the security or privacy of information is violated or appears to be violated by the SUBSCRIBER or by any of its operators, staff, or employees. Reinstatement may be possible upon receipt of satisfactory assurances that such violations did not occur or have been corrected.
3. Any changes, amendments, or revisions to this Agreement shall only be effective if made in writing with the written concurrence authorized by both the MCDPS and the SUBSCRIBER.
4. Either party may change their address as set forth in this Agreement. Any changes shall be effective seven days after written notice of such change is given. The SUBSCRIBER must notify the ALEIS Agency Access Coordinator of any address change.
5. This Agreement is effective upon the completion of all signatures, regardless of the order in which they are placed. The Agreement is binding on all of the agencies that are a party to this Agreement, regardless of the future status and authority of the signatories.
6. This Agreement is conditionally approved subject to and contingent upon the availability of MCDPS funds.

SUBSCRIBER (HEAD OF AGENCY OR AUTHORIZED REPRESENTATIVE)

Signature	Date
Print or Type Name J. Scott Bendig	
Title Chief of Police	

MONTGOMERY COUNTY DEPARTMENT OF PUBLIC SAFETY

Signature 	Date 2/12/2018
Print or Type Name Thomas M. Sullivan	
Title Director	

This original, signed Agreement must be sent to the following address:

Montgomery County Department of Public Safety

Attention: ALEIS Support

50 Eagleville Road

Eagleville, PA 19403

Questions should be directed to the ALEIS Agency Access Coordinator at 610-631-3099.

E. FEE SCHEDULE

SUBSCRIBER: Montgomery Twp. Police Dept.			
QTY.	DESCRIPTION	EACH	TOTAL
SOFTWARE			
36	2018 Annual FULL User Licenses (Full-time sworn personnel)	\$216.00	\$7,776.00
36	2019 Annual FULL User Licenses (Full-time sworn personnel)	\$216.00	\$7,776.00
36	2020 Annual FULL User Licenses (Full-time sworn personnel)	\$216.00	\$7,776.00
9	2018 Administrative User Licenses	\$0.00	\$0.00
9	2019 Administrative User Licenses	\$0.00	\$0.00
9	2020 Administrative User Licenses	\$0.00	\$0.00
SERVICES			
1	Data Conversion Services	\$12,000.00	\$12,000.00
HARDWARE			
2	eCitation Kits (Printer, Barcode Scanner)	\$2,535.00	\$5,070.00
	<i>DOES NOT INCLUDE INSTALLATION</i>		
1	Evidence Room Kit (Printer, Barcode Scanner)	\$1,500.00	\$1,500.00
OTHER FEES, CREDITS			
1	EARLY ADOPTER CREDIT provided by Montgomery County Commissioners, District Attorney's Office, and Department of Public Safety		-\$34,122.00
	TOTAL		\$7,776.00
	2018 TOTAL DUE		\$0.00
	2019 TOTAL DUE		\$0.00
	2020 TOTAL DUE		\$7,776.00

SCHEDULE A – FEES AND PAYMENTS

A. USER LICENSES

1. SUBSCRIBER receives the right to user licenses to be used by AGENCY full-time, sworn law enforcement officers as detailed in the FEE SCHEDULE, Schedule B.
2. SUBSCRIBER receives the right to administrative licenses to be used by administrative, support, clerical, or other non-full time, sworn law enforcement officers at no additional cost.
3. MCDPS will re-assess the user license fee in February of each calendar year. SUBSCRIBER will be notified by March 1st of each calendar year of the user license fee for the subsequent year.
4. User licenses will not be pro-rated for any portion of any year. SUBSCRIBER will pay a full annual license for each AGENCY full-time, sworn law enforcement officer employed at the time of the MCDPS assessment.
5. As an "Early Adopter," SUBSCRIBER user license fee will remain the same for 2018, 2019, and 2020.

B. HARDWARE

1. SUBSCRIBER AGENCY shall receive hardware as detailed in the FEE SCHEDULE, Schedule B.

C. SERVICES

1. MCDPS shall provide data conversion services that shall include:
 - a. Conversion of ONE agency database. There will be no limitation based on database size, year, number or records, or number of contacts.
 - b. Converted data will be imported into ALEIS where appropriate data fields match.
 - c. SUBSCRIBER will be given opportunities during the data conversion process to inspect the quality of the conversion and provide feedback to the vendor.

D. PAYMENT TERMS

1. MCDPS will invoice SUBSCRIBER in January of each calendar year. SUBSCRIBER will remit payment to MCDPS within sixty (60) days.

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Resolution Authorizing Submission of Application to PennDOT- Traffic Signal Improvements at Stump Road & Witchwood Drive, Bethlehem Pike & Witchwood Drive, Bethlehem Pike & Stump Road, and Knapp Road & Witchwood Drive

MEETING DATE: February 26, 2018 ITEM NUMBER: #14.

MEETING/AGENDA: ACTION NONE

REASON FOR CONSIDERATION: Operational: Policy: Discussion: xx Information:

INITIATED BY: Stacy Crandell BOARD LIAISON: Candyce Fluehr Chimera
Assistant to the Township Manager Chairman, Board of Supervisors

BACKGROUND:

The Township is requesting authorization to submit four separate applications to PennDOT for Traffic Signal Approval, as they are required to be installed/upgraded as part of the land development approval for LDS #694- Higher Rock Partners, LP. The applications are as follows:

- Stump Road & Witchwood Drive- New Traffic Signal
- Bethlehem Pike(SR 309) & Witchwood Drive- New Traffic Signal
- Bethlehem Pike (SR 309) & Stump Road- Upgrade to Existing Signal
 - Add second Left turn lane and change left turn phasing to protected only for Westbound Stump Road.
 - Widen/restripe Eastbound Stump Road to align with Westbound Stump Road.
 - Widen Southbound Bethlehem Pike for third through lane.
 - Replace Eastbound/Westbound lane control mast arms.
 - Add pedestrian crossing east leg of Stump Road.
 - Upgrade adaptive cameras to thermal.
- Knapp Road & Witchwood Drive- Upgrade to Existing Signal
 - Increase the length of left turn lane on Witchwood Drive.

All signal installations and upgrades have been approved by the Township's Traffic Engineer, Traffic Planning and Design, Inc.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

The costs for installing the new traffic signals and upgrading the existing traffic signals are the responsibility of the developer and will be included in the escrow funds posted to guarantee the completion of the improvements.

RECOMMENDATION:

Township Staff recommends that the Board authorize the execution of the necessary resolution and applications to upgrade and/or install the traffic signals as outlined above and on the attached plans.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that the following Applications to PennDOT for the installation and upgrades to the traffic signals are hereby approved as proposed under LDS#694 Higher Rock Partners, LP Land Development at the following locations:

- New Traffic Signal at Stump Road and Witchwood Drive
- New Traffic Signal at Bethlehem Pike and Witchwood Drive
- Upgrades to Existing Signal at Bethlehem Pike and Stump Road
- Upgrade to the Existing Signal at Knapp Road and Witchwood Drive

MOTION: _____ SECOND: _____

ROLL CALL:

Tanya C. Bamford	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Matthew W. Quigg	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

RESOLUTION

BE IT RESOLVED, by authority of the **Board of Supervisors** of the **Township of Montgomery, Montgomery County**, and it is hereby resolved by authority of the same, that the **Township Manager/Secretary** of said MUNICIPALITY is authorized and directed to submit the attached Applications for Traffic Signal Approval to the Pennsylvania Department of Transportation and to sign these Applications on behalf of the MUNICIPALITY.

ATTEST

MONTGOMERY TOWNSHIP

(Signature and designation
of official title)

Lawrence J. Gregan, Secretary

Print or type above name and
title

By: _____
(Signature and designation
of official title)

Candyce Fluehr Chimera, Chairman

Print or type above name and
title

(SEAL)

I, **Lawrence J. Gregan, Township Manager/Secretary** of the **Board of Supervisors of Montgomery Township**, do hereby certify that the foregoing is a true and correct copy of the Resolution adopted at a regular meeting of the **Board of Supervisors of Montgomery Township**, held the **26th** day of **February**, 2018.

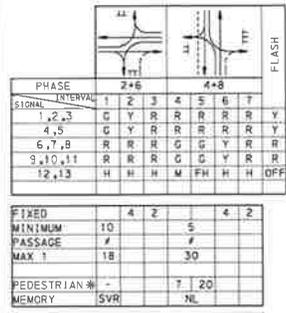
DATE: February 26, 2018

(Signature and designation
of official title)

**Lawrence J. Gregan,
Township Manager/Secretary**

Print or type above name/title

MOVEMENT, SEQUENCE, AND TIMING DIAGRAM

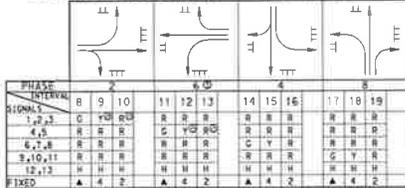


REFER TO SYSTEM PERMIT # L-0011 FOR ADAPTIVE OPERATION

UPON PEDESTRIAN ACTIVATION, OTHERWISE HAND SYMBOL AT ALL TIMES

- PEDESTRIAN COUNTDOWN TIMER TO COUNTDOWN DURING FLASHING HAND INTERVAL
- PHASE PASSAGE CALCULATED BY TRAFFIC ADAPTIVE PROCESSOR
- PHASE SEQUENCE SELECTED BY TRAFFIC ADAPTIVE PROCESSOR
- TRAFFIC ADAPTIVE SYSTEM TO OPERATE WITH PEDESTRIAN MODULE

EMERGENCY PRE-EMPTION PHASING MOVEMENT, SEQUENCE, AND TIMING DIAGRAM



FOR DURATION OF PRE-EMPTION

NOTES

IF PRE-EMPTION EQUIPMENT HAS ENCODING CAPABILITIES FOR VEHICLE IDENTIFICATION, IT IS RECOMMENDED TO HAVE THE ZERO "00" FEATURE ON, TO GIVE UNCODED EMITTERS THE ABILITY TO ACTIVATE THE EMERGENCY PRE-EMPTION.

EMERGENCY PRE-EMPTION OPERATION NOTES

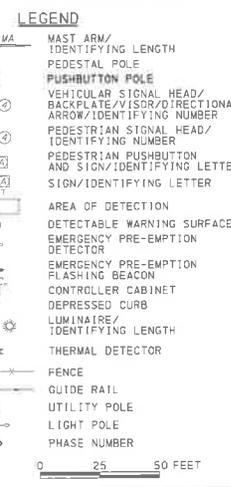
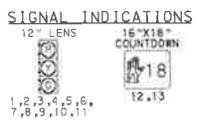
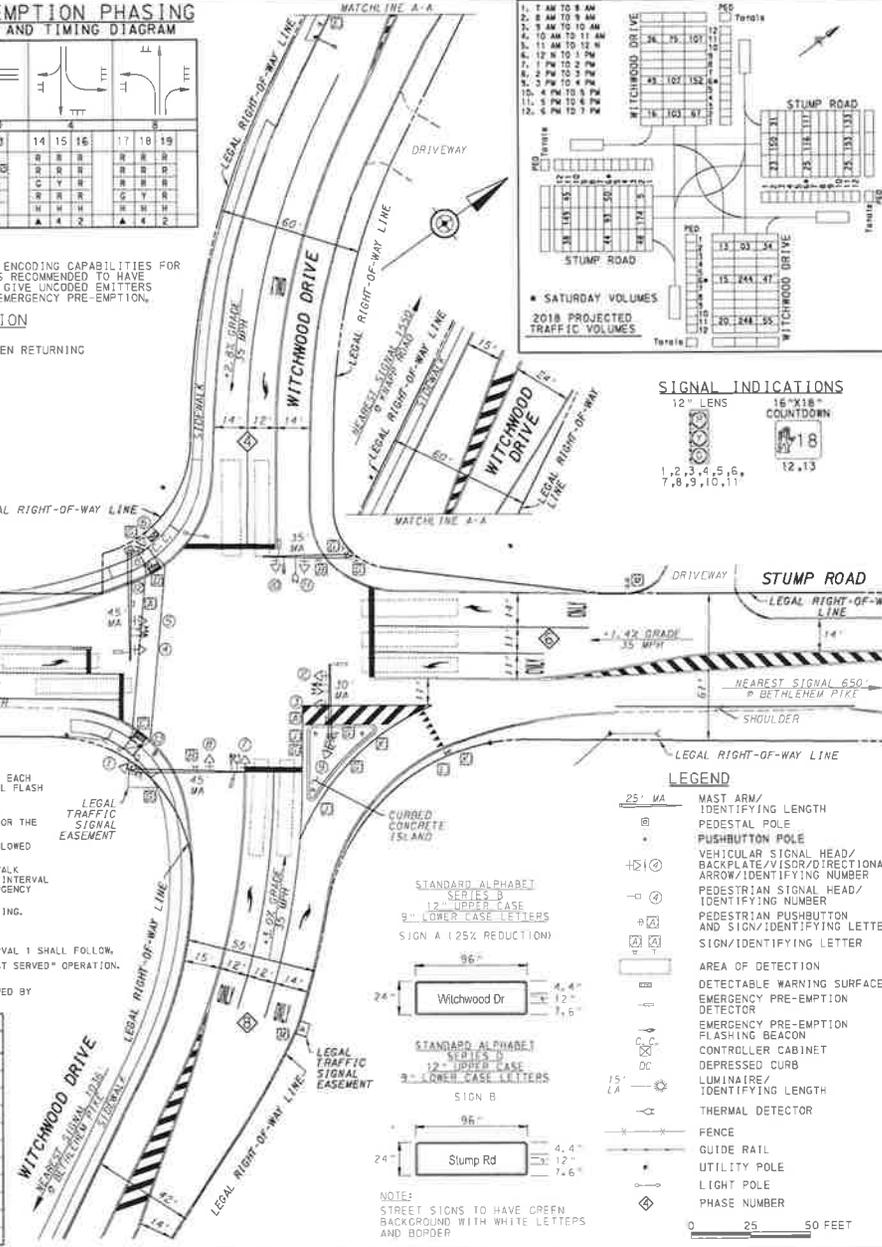
SIGNAL TO INDICATE G WHEN RETURNING TO NORMAL OPERATION

EMERGENCY PRE-EMPTION NOTES:

- CONTROLLER TO BE EQUIPPED WITH EMERGENCY PRE-EMPTION FOR THE NORTHBOUND AND SOUTHBOUND APPROACHES OF WITCHWOOD DRIVE AND THE EASTBOUND AND WESTBOUND APPROACHES OF STUMP ROAD WITH A FAIL SAFE DEVICE FOR EACH DIRECTION OF OPERATION. THIS EMERGENCY PRE-EMPTION SHALL CONSIST OF A FLASHING WHITE FLOOD LIGHT AND SHALL FLASH WHEN THE EMERGENCY VEHICLE HAS CONTROL OF THE INTERSECTION FOR THE APPROPRIATE APPROACH.
- THE SIGNALS, WHEN ACTIVATED BY EMERGENCY VEHICLE, SHALL TERMINATE ALL GREEN INDICATIONS IMMEDIATELY, FOLLOWED BY THE COMPLETE YELLOW AND RED CLEARANCE INTERVALS, ACCORDINGLY. THEN THE GREEN INTERVAL FOR THE PRE-EMPTION PHASE SHALL FOLLOW.
- THE SIGNALS, WHEN ACTIVATED BY EMERGENCY VEHICLE, SHALL TIME OUT ALL YELLOW AND RED INDICATIONS, FOLLOWED BY THE GREEN INTERVAL OF THE PRE-EMPTION PHASE GOVERNED BY THE APPROACHING EMERGENCY VEHICLE.
- IF THE SIGNAL HAS BEEN ACTIVATED BY A PEDESTRIAN PUSH BUTTON AND THE SIGNAL IS PRE-EMPTED, THE "WALK (MAN)" INTERVAL SHALL TERMINATE IMMEDIATELY AND THE PED "CLEAR (FLASHING HAND AND COUNTDOWN TIMER)" INTERVAL SHALL TIME OUT THIS INTERVAL FOLLOWED BY THE APPROPRIATE SELECTIVE CLEARANCES BEFORE GOING INTO EMERGENCY PRE-EMPTION.
- IF THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, ARE FLASHING, ALL SIGNALS SHALL REMAIN FLASHING.
- IF ADDITIONAL PRE-EMPTION PHASES ARE ACTIVATED WHILE IN PRE-EMPTION, THE ORIGINAL PRE-EMPTION PHASE SHALL TIME OUT BEFORE PROCEEDING TO THE NEXT PRE-EMPTION PHASE.
- UPON COMPLETION OF PRE-EMPTION PHASE 2, 4, 6, OR 8 IN RETURNING TO NORMAL OPERATION, PHASE 2+6 INTERVAL 1 SHALL FOLLOW.
- IN EMERGENCY PRE-EMPTION, NO PRIORITY SHALL BE ESTABLISHED, PRE-EMPTION SHALL BE A "FIRST COME, FIRST SERVED" OPERATION.
- LOCATION OF EMERGENCY VEHICLE DETECTORS ARE TO BE FIELD ADJUSTED TO ACHIEVE MAXIMUM OPERATION.
- UPON ACTIVATION OF PHASE 6 PRE-EMPTION BY FIRE HOUSE, PRE-EMPTION DURATION SHALL BE 20 SECONDS FOLLOWED BY INTERVALS 12 AND 13.

SIGN TABULATION

PLAN SYMBOL	SERIES	SIZE	DESCRIPTION
(Symbol)	D3-4	96"x24"	SINGLE-LINE OVERHEAD STREET NAME SIGN (SEE DETAIL)
(Symbol)	D3-4	96"x24"	SINGLE-LINE OVERHEAD STREET NAME SIGN (SEE DETAIL)
(Symbol)	R10-3E(R)	9"x15"	EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL WITH COUNTDOWN TIMER SIGN
(Symbol)	R10-3E(L)	9"x15"	EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL WITH COUNTDOWN TIMER SIGN
(Symbol)	R3-7L	30"x30"	LEFT LANE MUST TURN LEFT
(Symbol)	R5-3	18"x18"	NO PEDESTRIAN CROSSING SIGN
(Symbol)	OM1-3	18"x18"	OBJECT MARKER
(Symbol)	R5-1	30"x30"	DO NOT ENTER
(Symbol)	R1-2	36"x36"	YIELD
(Symbol)	R3-RBL-5-R	48"x30"	LANE USE CONTROL (THREE LANES) SIGN



NOTE: STREET SIGNS TO HAVE GREEN BACKGROUND WITH WHITE LETTERS AND BORDER

GENERAL NOTES

NO MODIFICATIONS OF THIS INSTALLATION ARE PERMITTED UNLESS PRIOR APPROVAL IS GRANTED IN WRITING BY A REPRESENTATIVE OF THE DEPARTMENT OF TRANSPORTATION.

ALL MAINTENANCE WORK INCLUDING TRIMMING OF TREES, NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS IS THE RESPONSIBILITY OF THE PERMITTEE.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING ARE CONSIDERED PART OF THE PERMIT AND SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH PUBLICATION NO. 212.

POST MOUNTED SIGNALS SHALL BE INSTALLED WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF CURB OR THE EDGE OF THE SHOULDER. SUPPORT POLES FOR OVERHEAD SIGNALS SHALL ALSO HAVE A MINIMUM CLEARANCE HORIZONTALLY OF 2 FEET.

SIGNALS ERECTED OVER THE ROADWAY SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 16 FT. ABOVE THE ROADWAY. POST MOUNTED SIGNALS SHALL BE A MINIMUM OF 8 FT. ABOVE THE SIDEWALK OR PAVEMENT.

ALL OVERHEAD SIGNALS MUST BE RIGIDLY MOUNTED, TOP AND BOTTOM, AND EQUIPPED WITH BACKPLATES.

THE MINIMUM HORIZONTAL DISTANCE BETWEEN SIGNALS MEASURED AT RIGHT ANGLES TO THE APPROACH SHALL BE 8 FEET.

EXACT LOCATION OF DETECTORS SHALL BE DETERMINED PRIOR TO INSTALLATION BY A REPRESENTATIVE OF PENNDOT.

CURBING TO BE INSTALLED BY MUNICIPALITY AND WHERE NOTED, SHALL BE PLAIN CEMENT CONCRETE CURB OR GRANITE CURB, INSTALLED IN ACCORDANCE WITH DEPARTMENT SPECIFICATIONS FORM 408.

PRIOR TO INSTALLATION THE CONTRACTOR SHALL CONSULT WITH THE LOCAL OFFICIALS AND UTILITY COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED DUE TO THE LOCATION OF UTILITIES.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE PERMITTEE COMPLIES WITH THE PROVISIONS OF THE LATEST AMENDMENT TO ACT 287, PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES, DATED DECEMBER 20, 1974.

WHEN LIQUID FUELS MONEY IS USED, SIGNAL INSTALLATION MUST CONFORM TO FORM 408 AND A COPY OF THE PROPOSED SPECIFICATIONS MUST BE SUBMITTED TO THE DISTRICT TRAFFIC UNIT FOR REVIEW PRIOR TO BIDDING.

PERMITTEE SHALL OBTAIN A HIGHWAY OCCUPANCY PERMIT FOR ANY CHANGES IN INTERSECTION GEOMETRY REGARDING EXCAVATION.

CONDUIT INSTALLED IN BITUMINOUS ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE, MUST BE BORED OR BROKEN UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-8800 SERIES.

SYSTEM PERMIT # L-0011

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION ENGINEERING DISTRICT 6-0

COUNTY: MONTGOMERY
 MUNICIPALITY: MONTGOMERY TOWNSHIP
 INTERSECTION: STUMP ROAD (T-375) & WITCHWOOD DRIVE

REVIEWED:

DATE

MUNICIPAL OFFICIAL:

DATE

RECOMMENDED:

DATE

DISTRICT TRAFFIC ENGINEER:

DATE

NO	REVISION	DES/REV	DATE	REVW	DATE	RECOM	DATE
1							
2							
3							
4							
5							
6							
7							
8							

SHEET 2 OF 2 PERMIT # 64-3944 FILE # 3944

Application for Traffic Signal Approval



Please Type or Print all information in Blue or Black Ink

County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

A - Applicant's (Municipal) Contact Information

Municipal Contact's Name : Kevin Costello Title : Public Works Director
 Municipal Name : Montgomery Township
 Municipal Address : 1001 Stump Road, Montgomeryville, PA 18936-9605
 Municipal Phone Number : 215-393-6900 Alternative Phone Number : _____
 E-mail Address : publicworks@montgomerytpw.org
 Municipal Hours of Operation : Monday to Friday 8:30 AM - 4:30 PM

B - Application Description

Location (*intersection*) : Stump Road & Witchwood Drive
 Traffic Control Device is : NEW Traffic Signal EXISTING Traffic Signal (Permit Number) : 64-3944
 Type of Device (*select one*) Traffic Control Signal (MUTCD Section 4D, 4E, 4G) Flashing Beacon (MUTCD Section 4L) School Warning System (MUTCD Section 7B)
 Other : _____
 Is Traffic Signal part of a system? : YES NO System Number (*if applicable*) : I-0011
 If YES, provide locations of all signalized intersections in system.
Bethlehem Pike (SR 0309) from Horsham Road (SR 0463) to Welsh Road
 Explain the proposed improvements :
New traffic signal.
 Associated with Highway Occupancy Permit (HOP)? : YES NO If YES, HOP Application # : 136441

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by? :
 Municipal Personnel Municipal Contractor Municipal Personnel & Contractor
 Other : _____
 Maintenance and Operations Contact Name : Kevin Costello Company/Organization : Montgomery Township
 Phone # : 215-393-6900 Alternative Phone # : _____ E-mail : publicworks@montgomerytpw.org

D - Attachments Listing

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Municipal Resolution (<i>required</i>) | <input type="checkbox"/> Location Map | <input type="checkbox"/> Traffic Volumes / Pedestrian Volumes |
| <input type="checkbox"/> Letter of Financial Commitment | <input type="checkbox"/> Photographs | <input type="checkbox"/> Turn Lane Analysis |
| <input type="checkbox"/> Traffic Signal Permit | <input type="checkbox"/> Straight Line Diagram | <input type="checkbox"/> Turn Restriction Studies |
| <input type="checkbox"/> Warrant Analysis | <input type="checkbox"/> Capacity Analysis | <input type="checkbox"/> Other : _____ |
| <input type="checkbox"/> Crash Analysis | <input type="checkbox"/> Traffic Impact Study (TIS) | |
| <input type="checkbox"/> Traffic Signal Study | <input type="checkbox"/> Condition Diagram | |

Application for Traffic Signal Approval



Please Type or Print all information in Blue or Black Ink

County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

E - Applicant (Municipal) Certification

The applicant desires to own, operate, and maintain the traffic control device in the location indicated above; and the Vehicle Code requires the approval of the Department of Transportation ("Department") before any traffic signals may be legally erected or modified. A signed Application for Traffic Signal Approval (TE-160) must be submitted in conformance with the instructions provided by the Department, and a Traffic Signal Permit must be issued, before any work can begin.

If the Department approves a traffic signal after a traffic engineering study and engineering judgment indicates the need, the traffic signal shall be installed, owned, operated, and maintained within the parameters indicated in the Vehicle Code and the Department's regulations relating to traffic signs, signals, and markings. The Department may direct appropriate alterations to the design or operation (including, but not limited to, hours of operation) of the traffic signal, or require removal of the traffic signal, if traffic conditions or other considerations necessitate alteration or removal.

All items associated with the traffic control device (geometric features, signs, signals, pavement markings, pedestrian accommodations, and other traffic control device associated items) are the applicant's responsibility. The Traffic Signal Permit will then document all of the items associated with operation of each traffic control device. The applicant, at its sole expense, shall provide the necessary inspection, maintenance, and operation activities in conformance with the Department's Publication 191 or as otherwise agreed to by the Department. The applicant shall perform the preventative and responsive maintenance requirements and recordkeeping in accordance with the exhibits specified below. If the applicant fails to provide the required inspection, maintenance, or operation services within thirty (30) days of receipt of written notice from the Department, the Department shall have the right to perform the required inspection, maintenance, or operation services in the applicant's stead and the applicant shall reimburse the Department for all costs incurred. Federal- and/or state-aid participation may be withheld on all future projects if the applicant fails to demonstrate to the Department the ability to provide all required maintenance and operation services. The applicant certifies that it has funds available and committed for the operation and maintenance of the traffic control device and that it will make available sufficient funds for all required future inspection, maintenance, and operation activities.

The applicant shall indemnify, save harmless and, defend (if requested) the Commonwealth of Pennsylvania, its agents, representatives, and employees from and against any damages recoverable under the Sovereign Immunity Act, 42 Pa. C.S. §§ 8521-8528, up to the limitations on damages under said law, arising out of any personal injury or damage to property which is finally determined by a court to be caused by or result from acts or omissions of the applicant and for which a court has held applicant, its officials, or employees to be liable. This provision shall not be construed to limit the applicant in asserting any rights or defenses. Additionally, the applicant shall include in any contracts into which it enters for maintenance, operation, or inspection of the traffic control device this same obligation to indemnify the Commonwealth and its officers, agents, and employees; and it shall require its contractor(s) to provide public liability insurance coverage, naming the Commonwealth and the applicant as additional insureds for bodily injury, including death and property damage, in the minimum amounts of \$500,000 per person, \$1,000,000 per occurrence, it being the intention of parties to have the contractor fully insure and indemnify the Commonwealth and the applicant.

The applicant shall comply with the study and ordinance requirements of 75 Pa. C.S. § 6109. The applicant submits this application with the intention of being legally bound.

Neither this application nor any Traffic Signal Permit creates any rights or obligations with respect to parties other than the applicant and the Department. Third parties may not rely upon any representations made by either the applicant or the Department in connection with the submission or approval of this application or any work permitted or approved that is related to this application, as regards either payment of funds or performance of any particular item of maintenance precisely as specified.

- The applicant agrees to comply with the attached Exhibits:
- Exhibit "A": Preventative and Response Maintenance Requirements (Sheet 3 of 5)
 - Exhibit "B": Recordkeeping (Sheet 4 of 5)
 - Exhibit "C": Signal Maintenance Organization (Sheet 5 of 5)

Printed Municipal Contact Name : _____ Date : _____
 Signed By : _____ Witness or Attest : _____
 Title of Signatory : _____ Title of Witness or Attester: _____

Exhibit "B":
Recordkeeping



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Recordkeeping

Accurate and up-to-date recordkeeping is an essential component of a good traffic signal maintenance program. In recognition of this fact, the APPLICANT must prepare, retain, and make available to the COMMONWEALTH, on request, a record of all preventive and response maintenance activities performed on the traffic signal equipment covered by this application.

The APPLICANT shall establish a separate file for each installation and keep its records in the municipal building, signal maintenance shop, or other weather-protected enclosure.

At a minimum, the following records will be kept by the APPLICANT or its contractor for each traffic signal. These forms can be found in Section 10.0, Maintenance Record Forms, PA DOT Publication 191, current version.

FORM 1 - Master Intersection Record

This form, which lists all maintenance functions performed at the intersection, should be updated within one day of the activity but no more than one week later.

FORM 2 - Response Maintenance Record

Each time response maintenance is required at the intersection, this form is to be completed. Once the pertinent information is transferred to the master intersection record, this form is to be placed in the intersection file.

FORM 3 - Preventive Maintenance Record

This form will be used to provide a record of the preventive maintenance activities performed at each intersection. The date, the activities performed, and the signature of the person in charge of the work must be recorded in the form.

This form may be kept at the intersection, if it is adequately protected from the weather. Form 1 must be updated at the central file, however, to reflect the date and activity.

**Exhibit "C":
Signal Maintenance Organization**



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Personnel Classifications

In order to properly maintain the traffic signal equipment covered by this applicant, the APPLICANT agrees to provide, as minimum, the following staff throughout the useful life of equipment. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Traffic Engineer - The administrative position which has prime responsibility for the proper operation of traffic signal equipment. The principal function of this position is the supervision and control of subordinate personnel and the planning of their activities to ensure adequate preventive and response maintenance programs.

Minimum Position Requirements

1. A thorough understanding of traffic signal design, installation and maintenance.
2. A working knowledge of the interaction between the following traffic characteristics: Intersection geometry, traffic flow theory, control type (fixed time, actuated, etc.), signal phasing and timing, and interconnection.
3. An ability to supervise subordinate personnel effectively in the assignment of their work.
4. Possession of a college degree in engineering, which includes course work in traffic engineering.
5. Either four years experience in the field of traffic engineering or its equivalent in graduate college work.

Signal Specialist - The individual responsible for the diagnostics and repair of all traffic signal equipment including solid state equipment.

Minimum Position Requirements

1. Extensive training and troubleshooting skills in electronics and software.
2. Ability to repair modules in the shop and to design test equipment needed to diagnose and repair a problem.
3. Ability to make design and modifications to implement or omit special functions.
4. Ability to implement a recordkeeping system to include maintenance activities, inventory control and identification of recurring problems.
5. Ability to perform all tasks required of a signal technician.

Signal Technician - Individual responsible for the operation and maintenance of traffic signals and electromechanical equipment.

Minimum Position Requirements

1. Ability to perform response maintenance on solid state equipment up to the device exchange level.
2. Capability to diagnose a vehicle loop failure and initiate corrective action.
3. Ability to tune detector amplifiers.
4. Ability to follow wiring schematics, check and set timings from plan sheet and check all field connections.
5. Ability to perform preventive maintenance on all equipment and to maintain accurate records of all work perform.

Training

The APPLICANT agrees to secure training in order to upgrade the ability of its present staff to properly perform the required maintenance functions. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Budget Requirements

The APPLICANT agrees to provide, in its annual operating budget, dedicated funds which are sufficient to cover the cost of the personnel, training, contractors (if utilized) and specialized maintenance equipment which are required, by virtue of this application. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191..

Application Instructions

A - Applicant's (Municipal) Contact Information

Municipal Contact's Name: Provide the municipal contact name that is (or will be responsible) for the traffic signal. Typically this is either the Municipal Manager or Roadmaster.

Title: Provide the title of the municipal contact name.

Municipal Name: Provide the official municipal name.

Municipal Address: Provide the full address of the municipal building.

Municipal Phone Number: Provide the municipal phone number of the municipal contact.

Alternative Phone Number: Provide an alternative phone number of the municipal contact.

E-mail Address: Provide the e-mail address of the municipal contact.

Municipal Hours of Operation: Please provide the municipalities normal operating hours (i.e. Monday-Thursday 9 AM - 2 PM)

B - Application Description

Location (*intersection*): Please provide a detailed location of the device or devices being considered for approval.

Please include any State Route and/or local road names in your description.

Traffic Control Device is: (Please select one of the two following categories)

NEW Traffic Signal: This item should be selected when requesting approval of a traffic signal that is currently not in operation at the device location indicated above.

EXISTING Traffic Signal: This item should be selected when requesting approval to make a modification or update to an existing traffic signal.

(Permit Number): Please provide the traffic signal permit number.

Type of Device (select one): (Please select one of the four following categories)

Traffic Control Signal: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Sections 4D, 4E, and 4G. When selecting this category this is the typical red/yellow/green and pedestrian signal indications

Flashing Beacon: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 4L. When selecting this category, this is typically either the flashing yellow/red signal at an intersection and/or the flashing yellow warning sign.

School Warning System: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 7B. When selecting this category, this is typically the flashing school warning sign with a 15 mph indication.

Other: When selecting this category, this pertains to all other permitted electrically powered traffic control devices approved by the Department.

Is Traffic Signal part of a system?: Check off the appropriate box, either YES or NO. If YES, please fill in the **System Number (if applicable):** line.

Explain the proposed improvements: Provide a description of the proposed improvements to the intersection. This may be as complex as installing and/or upgrading a traffic signal or as non-complex as placement of a new traffic sign to supplement an existing traffic signal.

Associated with Highway Occupancy Permit (HOP)?: Check off the appropriate box, either YES or NO. If YES, please fill in the **Application #:** line.

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by?: Please indicate if maintenance and operation will be performed by Municipal Personnel or through Contract Services.

Maintenance and Operations Contact Name: Provide the primary maintenance contact name for the individual that is (or will be responsible) for the maintenance and operation of the traffic signal.

Company/Organization: Provide the name of the company/organization with which the primary maintenance contact is affiliated.

Phone #: Provide the phone number for the primary maintenance contact.

Alternative Phone #: Provide an alternative phone number for the primary maintenance contact or affiliated company/organization.

E-mail: Provide the e-mail address for the primary maintenance contact.

D - Attachments Listing

Check off all documents which will be submitted along with this application. Note that a Municipal Resolution, authorizing the municipal contact to submit and sign the application, is a required document.

A sample Municipal Resolution has been provided on the next page.

E - Applicant (Municipal) Certification

Printed Municipal Contact Name: Please print the name of the municipal contact person signing the application.

Date: Please provide the date on which the application was signed.

Signed By: Please provide the signature of the named municipal contact.

Title of Signatory: Please provide the title of municipal contact.

Witness or Attest: Please provide the signature of the person witnessing or attesting the signature.

Witness or Attester: Please provide the title of the person witnessing or attesting the signature.

MOVEMENT, SEQUENCE, AND TIMING DIAGRAM

PHASE	1+6+8	2+6
SIGNAL	1, 2, 3, 4, 5, 6, 7	1, 2, 3, 4, 5, 6, 7
SEQUENCE	1, 2, 3, 4, 5, 6, 7	1, 2, 3, 4, 5, 6, 7
SEQUENCE	5, 6, 7, 8, 9, 10	5, 6, 7, 8, 9, 10
SEQUENCE	11, 12, 13, 14	11, 12, 13, 14
SEQUENCE	15, 16	15, 16

FIXED	4	3	10	6	3
MINIMUM PASSAGE	5	7	10	7	7
MAX T	12	47			

PEDESTRIAN	7	28
MEMORY	NL	SVR

OPERATION NOTES

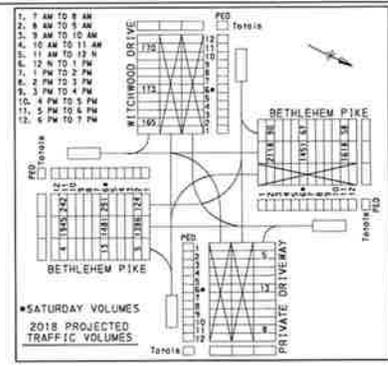
- ① G IF FOLLOWED BY 2+6
- ② G IF FOLLOWED BY 1+6+8
- PHASE PASSAGE CALCULATED BY TRAFFIC ADAPTIVE PROCESSOR
- PHASE SEQUENCE TO BE SELECTED BY TRAFFIC ADAPTIVE PROCESSOR
- TRAFFIC ADAPTIVE SYSTEM TO OPERATE WITH PEDESTRIAN MODULE
- ILLUMINATION OF SIGNAL HEADS #15 & #16 SHALL FLASH AT A RATE OF NOT LESS THAN 50 NOR MORE THAN 60 TIMES PER MINUTE EACH

REFER TO SYSTEM PERMIT #1-0011 FOR ADAPTIVE OPERATION

UPON PEDESTRIAN ACTUATION, OTHERWISE HAND SYMBOL AT ALL TIMES

- PEDESTRIAN COUNTDOWN TIMER TO COUNTDOWN DURING FLASHING HAND INTERVAL

ALL TRAFFIC MUST TURN RIGHT SIGN PLACED 230' FROM STOP BAR



GENERAL NOTES

NO MODIFICATIONS OF THIS INSTALLATION ARE PERMITTED UNLESS PRIOR APPROVAL IS GRANTED IN WRITING BY A REPRESENTATIVE OF THE DEPARTMENT OF TRANSPORTATION.

ALL MAINTENANCE WORK INCLUDING TRIMMING OF TREES, NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS IS THE RESPONSIBILITY OF THE PERMITTEE.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING ARE CONSIDERED PART OF THE PERMIT AND SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH PUBLICATION NO. 212.

POST MOUNTED SIGNALS SHALL BE INSTALLED WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF CURB OR THE EDGE OF THE SHOULDER. SUPPORT POLES FOR OVERHEAD SIGNALS SHALL ALSO HAVE A MINIMUM CLEARANCE HORIZONTALLY OF 2 FEET.

SIGNALS ERECTED OVER THE ROADWAY SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 16 FT. ABOVE THE ROADWAY. POST MOUNTED SIGNALS SHALL BE A MINIMUM OF 8 FT. ABOVE THE SIDEWALK OR PAVEMENT.

ALL OVERHEAD SIGNALS MUST BE RIGIDLY MOUNTED, TOP AND BOTTOM, AND EQUIPPED WITH BACKPLATES.

THE MINIMUM HORIZONTAL DISTANCE BETWEEN SIGNALS MEASURED AT RIGHT ANGLES TO THE APPROACH SHALL BE 8 FEET.

EXACT LOCATION OF DETECTORS SHALL BE DETERMINED PRIOR TO INSTALLATION BY A REPRESENTATIVE OF PENNDOT.

CURBING TO BE INSTALLED BY MUNICIPALITY AND WHERE NOTED, SHALL BE PLAIN CEMENT CONCRETE CURB OR GRANITE CURB, INSTALLED IN ACCORDANCE WITH DEPARTMENT SPECIFICATIONS FORM 408.

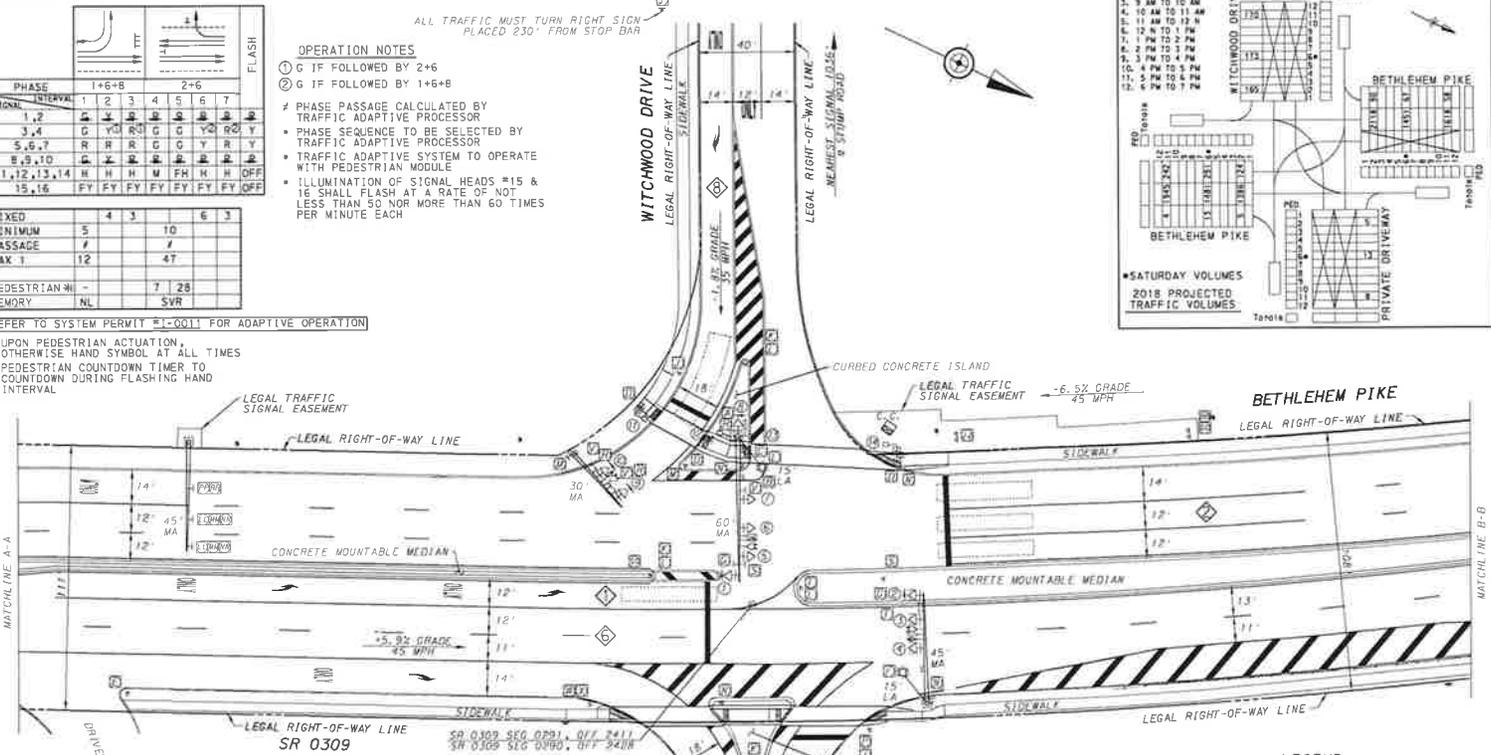
PRIOR TO INSTALLATION THE CONTRACTOR SHALL CONSULT WITH THE LOCAL OFFICIALS AND UTILITY COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED DUE TO THE LOCATION OF UTILITIES.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE PERMITTEE COMPLIES WITH THE PROVISIONS OF THE LATEST AMENDMENT TO ACT 287, PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES, DATED DECEMBER 20, 1974.

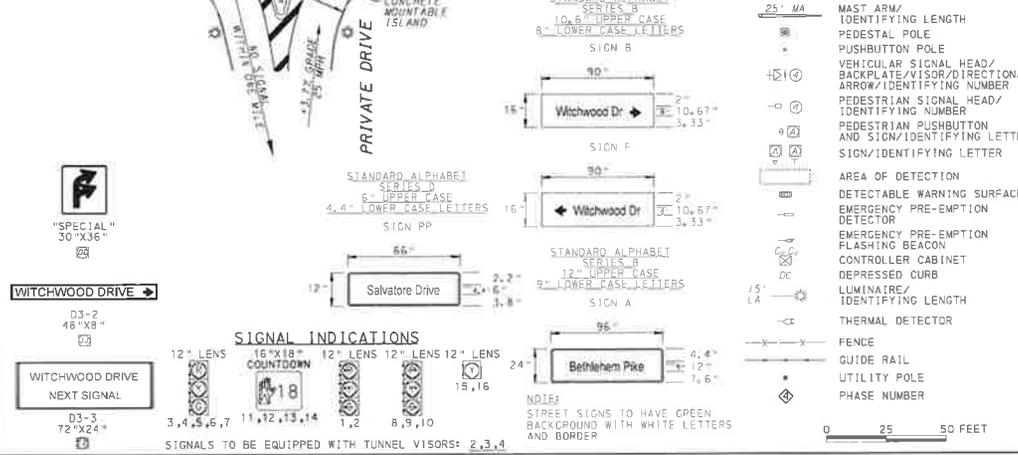
WHEN LIQUID FUELS MONEY IS USED, SIGNAL INSTALLATION MUST CONFORM TO FORM 408 AND A COPY OF THE PROPOSED SPECIFICATIONS MUST BE SUBMITTED TO THE DISTRICT TRAFFIC UNIT FOR REVIEW PRIOR TO BIDDING.

PERMITTEE SHALL OBTAIN A HIGHWAY OCCUPANCY PERMIT FOR ANY CHANGES IN INTERSECTION GEOMETRY REGARDING EXCAVATION.

CONDUIT INSTALLED IN BITUMINOUS ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE, MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-8000 SERIES.



NO.	SERIES	SIZE	DESCRIPTION
01	03-4	36"x24"	SINGLE-LINE OVERHEAD STREET NAME SIGN (SEE DETAILS)
02	03-4	30"x16"	SINGLE-LINE OVERHEAD STREET NAME SIGN (SEE DETAILS)
03	010-3010	17"x15"	EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL WITH COUNTDOWN TIMER SIGN
04	010-3011	17"x15"	EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL WITH COUNTDOWN TIMER SIGN
05	03SPECIAL	18"x30"	LANE USE CONTROL (FOUR LANES - L, S, S, R) SIGN
06	03-1	30"x14"	SINGLE-LINE OVERHEAD STREET NAME SIGN (SEE DETAILS)
07	010-101	30"x26"	LEFT TURN SIGNAL
08	03-1-R	30"x30"	ALL TRAFFIC MUST TURN RIGHT
09	03-2C	18"x30"	KEEP RIGHT NARROW SIGN
10	041-3	19"x18"	PROJECT MARKER
11	03-1	35"x35"	DO NOT ENTER
12	03-3	18"x18"	NO PEDESTRIAN CROSSING SIGN
13	03-1-1	30"x30"	STOP
14	010-101	30"x30"	RIGHT TURN SIGNAL
15	03-2	35"x35"	NO LEFT TURN SIGN
16	03-4	35"x35"	NO U-TURN SIGN
17	010-110	35"x35"	NO TURN ON RED
18	011-2	30"x30"	PEDESTRIAN SIGN
19	016-1P	24"x12"	DOWNWARD DIAGONAL POINTING ARROW
20	018-1	48"x48"	WATCH FOR STOPPED VEHICLES
21	03-2	24"x24"	NO LEFT TURN SIGN
22	03-1R	35"x26"	RIGHT LANE MUST TURN RIGHT
23	03-2B1 S-S-R	12"x60"	LANE USE CONTROL (THREE LANES) SIGN
24	SPECIAL	36"x30"	1000 FEET AHEAD
25	SPECIAL	30"x30"	ONE RIGHT TURN SIGN
26	03-4	30"x30"	STRAIGHT THROUGH SIGN
27	03-2D	60"x60"	THRU TRAFFIC STAY LEFT
28	SPECIAL	36"x30"	500 FEET AHEAD
29	011-1	48"x48"	SINGLE-LINE ADVANCE STREET NAME SIGN (SEE DETAILS)
30	01-1	24"x12"	SOUTH MARKER
31	01-1	35"x24"	PENNSYLVANIA ROUTE MARKER (300)
32	06-3	21"x19"	STRAIGHT THROUGH MARKER
33	06-2	35"x26"	SINGLE-LINE OVERHEAD STREET NAME SIGN (SEE DETAILS)
34	03-1R	30"x26"	RIGHT TURN SIGN
35	03-4	24"x24"	NO U-TURN SIGN
36	03-3	22"x24"	DOUBLE-LINE ADVANCE STREET NAME SIGN



SYSTEM PERMIT # 1-0011

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION
ENGINEERING DISTRICT 6-D

COUNTY: MONTGOMERY

MUNICIPALITY: MONTGOMERY TOWNSHIP

INTERSECTION: BETHLEHEM PIKE (S.R. 0309) & WITWOOD DRIVE

REVIEWED: _____ DATE _____

MUNICIPAL OFFICIAL: _____ DATE _____

RECOMMENDED: _____

DISTRICT TRAFFIC ENGINEER: _____ DATE _____

NO	REVISION	DES/REV	DATE	REVW	DATE	RECOM	DATE
1							
2							
3							
4							
5							
6							
7							
8							

SHEET 2 OF 3 PERMIT # 64-3943 FILE # 3943

Application for Traffic Signal Approval

Please Type or Print all information in Blue or Black Ink



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

A - Applicant's (Municipal) Contact Information

Municipal Contact's Name : Kevin Costello Title : Public Works Director
 Municipal Name : Montgomery Township
 Municipal Address : 1001 Stump Road, Montgomeryville, PA 18936-9605
 Municipal Phone Number : 215-393-6900 Alternative Phone Number : _____
 E-mail Address : publicworks@montgomerytpw.org
 Municipal Hours of Operation : Monday to Friday 8:30 AM - 4:30 PM

B - Application Description

Location (*intersection*) : Bethlehem Pike (SR 0309) & Witchwood Drive
 Traffic Control Device is : NEW Traffic Signal EXISTING Traffic Signal (Permit Number) : 64-3943
 Type of Device (*select one*) Traffic Control Signal (MUTCD Section 4D, 4E, 4G) Flashing Beacon (MUTCD Section 4L) School Warning System (MUTCD Section 7B)
 Other : _____
 Is Traffic Signal part of a system? : YES NO System Number (*if applicable*) : I-0011
 If YES, provide locations of all signalized intersections in system.
Bethlehem Pike (SR 0309) from Horsham Road (SR 0463) to Welsh Road
 Explain the proposed improvements :
New traffic signal.
 Associated with Highway Occupancy Permit (HOP)? : YES NO If YES, HOP Application # : 136441

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by? :
 Municipal Personnel Municipal Contractor Municipal Personnel & Contractor
 Other : _____
 Maintenance and Operations Contact Name : Kevin Costello Company/Organization : Montgomery Township
 Phone # : 215-393-6900 Alternative Phone # : _____ E-mail : publicworks@montgomerytpw.org

D - Attachments Listing

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Municipal Resolution (<i>required</i>) | <input type="checkbox"/> Location Map | <input type="checkbox"/> Traffic Volumes / Pedestrian Volumes |
| <input type="checkbox"/> Letter of Financial Commitment | <input type="checkbox"/> Photographs | <input type="checkbox"/> Turn Lane Analysis |
| <input type="checkbox"/> Traffic Signal Permit | <input type="checkbox"/> Straight Line Diagram | <input type="checkbox"/> Turn Restriction Studies |
| <input type="checkbox"/> Warrant Analysis | <input type="checkbox"/> Capacity Analysis | <input type="checkbox"/> Other : _____ |
| <input type="checkbox"/> Crash Analysis | <input type="checkbox"/> Traffic Impact Study (TIS) | |
| <input type="checkbox"/> Traffic Signal Study | <input type="checkbox"/> Condition Diagram | |

Application for Traffic Signal Approval



Please Type or Print all information in Blue or Black Ink

County : _____
Engineering District : _____
Department Tracking # : _____
Initial Submission Date : _____

E - Applicant (Municipal) Certification

The applicant desires to own, operate, and maintain the traffic control device in the location indicated above; and the Vehicle Code requires the approval of the Department of Transportation ("Department") before any traffic signals may be legally erected or modified. A signed Application for Traffic Signal Approval (TE-160) must be submitted in conformance with the instructions provided by the Department, and a Traffic Signal Permit must be issued, before any work can begin.

If the Department approves a traffic signal after a traffic engineering study and engineering judgment indicates the need, the traffic signal shall be installed, owned, operated, and maintained within the parameters indicated in the Vehicle Code and the Department's regulations relating to traffic signs, signals, and markings. The Department may direct appropriate alterations to the design or operation (including, but not limited to, hours of operation) of the traffic signal, or require removal of the traffic signal, if traffic conditions or other considerations necessitate alteration or removal.

All items associated with the traffic control device (geometric features, signs, signals, pavement markings, pedestrian accommodations, and other traffic control device associated items) are the applicant's responsibility. The Traffic Signal Permit will then document all of the items associated with operation of each traffic control device. The applicant, at its sole expense, shall provide the necessary inspection, maintenance, and operation activities in conformance with the Department's Publication 191 or as otherwise agreed to by the Department. The applicant shall perform the preventative and responsive maintenance requirements and recordkeeping in accordance with the exhibits specified below. If the applicant fails to provide the required inspection, maintenance, or operation services within thirty (30) days of receipt of written notice from the Department, the Department shall have the right to perform the required inspection, maintenance, or operation services in the applicant's stead and the applicant shall reimburse the Department for all costs incurred. Federal- and/or state-aid participation may be withheld on all future projects if the applicant fails to demonstrate to the Department the ability to provide all required maintenance and operation services. The applicant certifies that it has funds available and committed for the operation and maintenance of the traffic control device and that it will make available sufficient funds for all required future inspection, maintenance, and operation activities.

The applicant shall indemnify, save harmless and, defend (if requested) the Commonwealth of Pennsylvania, its agents, representatives, and employees from and against any damages recoverable under the Sovereign Immunity Act, 42 Pa. C.S. §§ 8521-8528, up to the limitations on damages under said law, arising out of any personal injury or damage to property which is finally determined by a court to be caused by or result from acts or omissions of the applicant and for which a court has held applicant, its officials, or employees to be liable. This provision shall not be construed to limit the applicant in asserting any rights or defenses. Additionally, the applicant shall include in any contracts into which it enters for maintenance, operation, or inspection of the traffic control device this same obligation to indemnify the Commonwealth and its officers, agents, and employees; and it shall require its contractor(s) to provide public liability insurance coverage, naming the Commonwealth and the applicant as additional insureds for bodily injury, including death and property damage, in the minimum amounts of \$500,000 per person, \$1,000,000 per occurrence, it being the intention of parties to have the contractor fully insure and indemnify the Commonwealth and the applicant.

The applicant shall comply with the study and ordinance requirements of 75 Pa. C.S. § 6109. The applicant submits this application with the intention of being legally bound.

Neither this application nor any Traffic Signal Permit creates any rights or obligations with respect to parties other than the applicant and the Department. Third parties may not rely upon any representations made by either the applicant or the Department in connection with the submission or approval of this application or any work permitted or approved that is related to this application, as regards either payment of funds or performance of any particular item of maintenance precisely as specified.

The applicant agrees to comply with the attached Exhibits:

- Exhibit "A": Preventative and Response Maintenance Requirements (Sheet 3 of 5)
- Exhibit "B": Recordkeeping (Sheet 4 of 5)
- Exhibit "C": Signal Maintenance Organization (Sheet 5 of 5)

Printed Municipal Contact Name : _____ Date : _____
 Signed By : _____ Witness or Attest : _____
 Title of Signatory : _____ Title of Witness or Attester: _____

Exhibit "A":
 Preventative and Response Maintenance
 Requirements



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Preventive Maintenance

The APPLICANT or its contractor will provide preventive maintenance for each individual component of the traffic signal installation covered by this application at intervals not less than those indicated in the Preventive Maintenance Summary, PA DOT Publication 191, current version. This is the recommended level of maintenance to keep the intersection control equipment and signals in mechanically, structurally and aesthetically good condition.

Response Maintenance

The APPLICANT or its contractor will provide response maintenance in accordance with the provisions of the Response Maintenance Schedule. It encompasses the work necessary to restore a traffic signal system to proper and safe operation. Includes Emergency Repair and Final Repair.

FINAL REPAIR:

Repair or replace failed equipment to restore system to proper and safe operation in accordance with permit within a 24-hour period.

EMERGENCY REPAIR:

Use alternative means or mode to temporarily restore system to safe operation within a 24-hour period. Final repair must then be completed within 30 days unless prohibited by weather conditions or availability of equipment.

Response Maintenance Schedule

<u>KNOCKDOWNS</u>	<u>TYPE OF REPAIR PERMITTED</u>
Support - Mast arm	Emergency or Final
Support - Strain pole	Emergency or Final
Span wire/tether wire	Final Only
Pedestal	Emergency or Final
Cabinet	Emergency or Final
Signal heads	Final Only
 <u>EQUIPMENT FAILURE</u>	
Lamp burnout (veh. & ped.)	Final Only
Local controller	Emergency or Final
Master controller	Emergency or Final
Detector sensor	
- Loop	Emergency or Final
- Magnetometer	Emergency or Final
- Sonic	Emergency or Final
- Magnetic	Emergency or Final
- Pushbutton	Emergency or Final
Detector amplifier	Emergency or Final
Conflict monitor	Final Only
Flasher	Final Only
Time clock	Emergency or Final
Load switch/relay	Final Only
Coordination unit	Emergency or Final
Communication interface, mode	Emergency or Final
Signal cable	Final Only
Traffic Signal Communications	Final Only
Traffic Signal Systems	Final Only

**Exhibit "B":
Recordkeeping**

County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Recordkeeping

Accurate and up-to-date recordkeeping is an essential component of a good traffic signal maintenance program. In recognition of this fact, the APPLICANT must prepare, retain, and make available to the COMMONWEALTH, on request, a record of all preventive and response maintenance activities performed on the traffic signal equipment covered by this application.

The APPLICANT shall establish a separate file for each installation and keep its records in the municipal building, signal maintenance shop, or other weather-protected enclosure.

At a minimum, the following records will be kept by the APPLICANT or its contractor for each traffic signal. These forms can be found in Section 10.0, Maintenance Record Forms, PA DOT Publication 191, current version.

FORM 1 - Master Intersection Record

This form, which lists all maintenance functions performed at the intersection, should be updated within one day of the activity but no more than one week later.

FORM 2 - Response Maintenance Record

Each time response maintenance is required at the intersection, this form is to be completed. Once the pertinent information is transferred to the master intersection record, this form is to be placed in the intersection file.

FORM 3 - Preventive Maintenance Record

This form will be used to provide a record of the preventive maintenance activities performed at each intersection. The date, the activities performed, and the signature of the person in charge of the work must be recorded in the form.

This form may be kept at the intersection, if it is adequately protected from the weather. Form 1 must be updated at the central file, however, to reflect the date and activity.

Exhibit "C":
Signal Maintenance Organization



County : _____

Engineering District : _____

Department Tracking # : _____

Initial Submission Date : _____

Personnel Classifications

In order to properly maintain the traffic signal equipment covered by this applicant, the APPLICANT agrees to provide, as minimum, the following staff throughout the useful life of equipment. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Traffic Engineer - The administrative position which has prime responsibility for the proper operation of traffic signal equipment. The principal function of this position is the supervision and control of subordinate personnel and the planning of their activities to ensure adequate preventive and response maintenance programs.

Minimum Position Requirements

1. A thorough understanding of traffic signal design, installation and maintenance.
2. A working knowledge of the interaction between the following traffic characteristics: Intersection geometry, traffic flow theory, control type (fixed time, actuated, etc.), signal phasing and timing, and interconnection.
3. An ability to supervise subordinate personnel effectively in the assignment of their work.
4. Possession of a college degree in engineering, which includes course work in traffic engineering.
5. Either four years experience in the field of traffic engineering or its equivalent in graduate college work.

Signal Specialist - The individual responsible for the diagnostics and repair of all traffic signal equipment including solid state equipment.

Minimum Position Requirements

1. Extensive training and troubleshooting skills in electronics and software.
2. Ability to repair modules in the shop and to design test equipment needed to diagnose and repair a problem.
3. Ability to make design and modifications to implement or omit special functions.
4. Ability to implement a recordkeeping system to include maintenance activities, inventory control and identification of recurring problems.
5. Ability to perform all tasks required of a signal technician.

Signal Technician - Individual responsible for the operation and maintenance of traffic signals and electromechanical equipment.

Minimum Position Requirements

1. Ability to perform response maintenance on solid state equipment up to the device exchange level.
2. Capability to diagnose a vehicle loop failure and initiate corrective action.
3. Ability to tune detector amplifiers.
4. Ability to follow wiring schematics, check and set timings from plan sheet and check all field connections.
5. Ability to perform preventive maintenance on all equipment and to maintain accurate records of all work perform.

Training

The APPLICANT agrees to secure training in order to upgrade the ability of its present staff to properly perform the required maintenance functions. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Budget Requirements

The APPLICANT agrees to provide, in its annual operating budget, dedicated funds which are sufficient to cover the cost of the personnel, training, contractors (if utilized) and specialized maintenance equipment which are required, by virtue of this application. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191..

Application Instructions

A - Applicant's (Municipal) Contact Information

Municipal Contact's Name: Provide the municipal contact name that is (or will be responsible) for the traffic signal. Typically this is either the Municipal Manager or Roadmaster.

Title: Provide the title of the municipal contact name.

Municipal Name: Provide the official municipal name.

Municipal Address: Provide the full address of the municipal building.

Municipal Phone Number: Provide the municipal phone number of the municipal contact.

Alternative Phone Number: Provide an alternative phone number of the municipal contact.

E-mail Address: Provide the e-mail address of the municipal contact.

Municipal Hours of Operation: Please provide the municipalities normal operating hours (i.e. Monday-Thursday 9 AM - 2 PM)

B - Application Description

Location (*intersection*): Please provide a detailed location of the device or devices being considered for approval.

Please include any State Route and/or local road names in your description.

Traffic Control Device is: (Please select one of the two following categories)

NEW Traffic Signal: This item should be selected when requesting approval of a traffic signal that is currently not in operation at the device location indicated above.

EXISTING Traffic Signal: This item should be selected when requesting approval to make a modification or update to an existing traffic signal.

(Permit Number): Please provide the traffic signal permit number.

Type of Device (select one): (Please select one of the four following categories)

Traffic Control Signal: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Sections 4D, 4E, and 4G. When selecting this category this is the typical red/yellow/green and pedestrian signal indications

Flashing Beacon: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 4L. When selecting this category, this is typically either the flashing yellow/red signal at an intersection and/or the flashing yellow warning sign.

School Warning System: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 7B. When selecting this category, this is typically the flashing school warning sign with a 15 mph indication.

Other: When selecting this category, this pertains to all other permitted electrically powered traffic control devices approved by the Department.

Is Traffic Signal part of a system?: Check off the appropriate box, either YES or NO. If YES, please fill in the **System Number (if applicable):** line.

Explain the proposed improvements: Provide a description of the proposed improvements to the intersection. This may be as complex as installing and/or upgrading a traffic signal or as non-complex as placement of a new traffic sign to supplement an existing traffic signal.

Associated with Highway Occupancy Permit (HOP)?: Check off the appropriate box, either YES or NO. If YES, please fill in the **Application #:** line.

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by?: Please indicate if maintenance and operation will be performed by Municipal Personnel or through Contract Services.

Maintenance and Operations Contact Name: Provide the primary maintenance contact name for the individual that is (or will be responsible) for the maintenance and operation of the traffic signal.

Company/Organization: Provide the name of the company/organization with which the primary maintenance contact is affiliated.

Phone #: Provide the phone number for the primary maintenance contact.

Alternative Phone #: Provide an alternative phone number for the primary maintenance contact or affiliated company/organization.

E-mail: Provide the e-mail address for the primary maintenance contact.

D - Attachments Listing

Check off all documents which will be submitted along with this application. Note that a Municipal Resolution, authorizing the municipal contact to submit and sign the application, is a required document.

A sample Municipal Resolution has been provided on the next page.

E - Applicant (Municipal) Certification

Printed Municipal Contact Name: Please print the name of the municipal contact person signing the application.

Date: Please provide the date on which the application was signed.

Signed By: Please provide the signature of the named municipal contact.

Title of Signatory: Please provide the title of municipal contact.

Witness or Attest: Please provide the signature of the person witnessing or attesting the signature.

Witness or Attester: Please provide the title of the person witnessing or attesting the signature.

Application for Traffic Signal Approval

Please Type or Print all information in Blue or Black Ink



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

A - Applicant's (Municipal) Contact Information

Municipal Contact's Name : Kevin Costello Title : Public Works Director
 Municipal Name : Montgomery Township
 Municipal Address : 1001 Stump Road, Montgomeryville, PA 18936-9605
 Municipal Phone Number : 215-393-6900 Alternative Phone Number : _____
 E-mail Address : publicworks@montgomerytp.org
 Municipal Hours of Operation : Monday to Friday 8:30 AM - 4:30 PM

B - Application Description

Location (*intersection*) : Bethlehem Pike (SR 0309) & Stump Road

Traffic Control Device is : NEW Traffic Signal EXISTING Traffic Signal (Permit Number) : 64-0429

Type of Device (*select one*) Traffic Control Signal (MUTCD Section 4D, 4E, 4G) Flashing Beacon (MUTCD Section 4L) School Warning System (MUTCD Section 7B)
 Other : _____

Is Traffic Signal part of a system? : YES NO System Number (*if applicable*) : I-0011
 If YES, provide locations of all signalized intersections in system.
Bethlehem Pike (SR 0309) from Horsham Road (SR 0463) to Welsh Road

Explain the proposed improvements :
Add 2nd left turn lane and change left turn phasing to protected only for WB Stump Rd. Widen/restripe EB Stump Rd to align with WB Stump Rd. Widen SB Bethlehem Pike for 3rd through lane. Replace EB/WB lane control mast arms. Add pedestrian crossing of east leg of Stump Rd. Upgrade adaptive cameras to thermal.

Associated with Highway Occupancy Permit (HOP)? : YES NO If YES, HOP Application # : 136441

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by? :

Municipal Personnel Municipal Contractor Municipal Personnel & Contractor
 Other : _____

Maintenance and Operations Contact Name : Kevin Costello Company/Organization : Montgomery Township
 Phone # : 215-393-6900 Alternative Phone # : _____ E-mail : publicworks@montgomerytp.org

D - Attachments Listing

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Municipal Resolution (<i>required</i>) | <input type="checkbox"/> Location Map | <input type="checkbox"/> Traffic Volumes / Pedestrian Volumes |
| <input type="checkbox"/> Letter of Financial Commitment | <input type="checkbox"/> Photographs | <input type="checkbox"/> Turn Lane Analysis |
| <input type="checkbox"/> Traffic Signal Permit | <input type="checkbox"/> Straight Line Diagram | <input type="checkbox"/> Turn Restriction Studies |
| <input type="checkbox"/> Warrant Analysis | <input type="checkbox"/> Capacity Analysis | <input type="checkbox"/> Other : _____ |
| <input type="checkbox"/> Crash Analysis | <input type="checkbox"/> Traffic Impact Study (TIS) | |
| <input type="checkbox"/> Traffic Signal Study | <input type="checkbox"/> Condition Diagram | |

Application for Traffic Signal Approval



Please Type or Print all information in Blue or Black Ink

County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

E - Applicant (Municipal) Certification

The applicant desires to own, operate, and maintain the traffic control device in the location indicated above; and the Vehicle Code requires the approval of the Department of Transportation ("Department") before any traffic signals may be legally erected or modified. A signed Application for Traffic Signal Approval (TE-160) must be submitted in conformance with the instructions provided by the Department, and a Traffic Signal Permit must be issued, before any work can begin.

If the Department approves a traffic signal after a traffic engineering study and engineering judgment indicates the need, the traffic signal shall be installed, owned, operated, and maintained within the parameters indicated in the Vehicle Code and the Department's regulations relating to traffic signs, signals, and markings. The Department may direct appropriate alterations to the design or operation (including, but not limited to, hours of operation) of the traffic signal, or require removal of the traffic signal, if traffic conditions or other considerations necessitate alteration or removal.

All items associated with the traffic control device (geometric features, signs, signals, pavement markings, pedestrian accommodations, and other traffic control device associated items) are the applicant's responsibility. The Traffic Signal Permit will then document all of the items associated with operation of each traffic control device. The applicant, at its sole expense, shall provide the necessary inspection, maintenance, and operation activities in conformance with the Department's Publication 191 or as otherwise agreed to by the Department. The applicant shall perform the preventative and responsive maintenance requirements and recordkeeping in accordance with the exhibits specified below. If the applicant fails to provide the required inspection, maintenance, or operation services within thirty (30) days of receipt of written notice from the Department, the Department shall have the right to perform the required inspection, maintenance, or operation services in the applicant's stead and the applicant shall reimburse the Department for all costs incurred. Federal- and/or state-aid participation may be withheld on all future projects if the applicant fails to demonstrate to the Department the ability to provide all required maintenance and operation services. The applicant certifies that it has funds available and committed for the operation and maintenance of the traffic control device and that it will make available sufficient funds for all required future inspection, maintenance, and operation activities.

The applicant shall indemnify, save harmless and, defend (if requested) the Commonwealth of Pennsylvania, its agents, representatives, and employees from and against any damages recoverable under the Sovereign Immunity Act, 42 Pa. C.S. §§ 8521-8528, up to the limitations on damages under said law, arising out of any personal injury or damage to property which is finally determined by a court to be caused by or result from acts or omissions of the applicant and for which a court has held applicant, its officials, or employees to be liable. This provision shall not be construed to limit the applicant in asserting any rights or defenses. Additionally, the applicant shall include in any contracts into which it enters for maintenance, operation, or inspection of the traffic control device this same obligation to indemnify the Commonwealth and its officers, agents, and employees; and it shall require its contractor(s) to provide public liability insurance coverage, naming the Commonwealth and the applicant as additional insureds for bodily injury, including death and property damage, in the minimum amounts of \$500,000 per person, \$1,000,000 per occurrence, it being the intention of parties to have the contractor fully insure and indemnify the Commonwealth and the applicant.

The applicant shall comply with the study and ordinance requirements of 75 Pa. C.S. § 6109. The applicant submits this application with the intention of being legally bound.

Neither this application nor any Traffic Signal Permit creates any rights or obligations with respect to parties other than the applicant and the Department. Third parties may not rely upon any representations made by either the applicant or the Department in connection with the submission or approval of this application or any work permitted or approved that is related to this application, as regards either payment of funds or performance of any particular item of maintenance precisely as specified.

- The applicant agrees to comply with the attached Exhibits:
- Exhibit "A": Preventative and Response Maintenance Requirements (Sheet 3 of 5)
 - Exhibit "B": Recordkeeping (Sheet 4 of 5)
 - Exhibit "C": Signal Maintenance Organization (Sheet 5 of 5)

Printed Municipal Contact Name : _____ Date : _____
 Signed By : _____ Witness or Attest : _____
 Title of Signatory : _____ Title of Witness or Attester: _____

Exhibit "A":
Preventative and Response Maintenance
Requirements



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Preventive Maintenance

The APPLICANT or its contractor will provide preventive maintenance for each individual component of the traffic signal installation covered by this application at intervals not less than those indicated in the Preventive Maintenance Summary, PA DOT Publication 191, current version. This is the recommended level of maintenance to keep the intersection control equipment and signals in mechanically, structurally and aesthetically good condition.

Response Maintenance

The APPLICANT or its contractor will provide response maintenance in accordance with the provisions of the Response Maintenance Schedule. It encompasses the work necessary to restore a traffic signal system to proper and safe operation. Includes Emergency Repair and Final Repair.

FINAL REPAIR:

Repair or replace failed equipment to restore system to proper and safe operation in accordance with permit within a 24-hour period.

EMERGENCY REPAIR:

Use alternative means or mode to temporarily restore system to safe operation within a 24-hour period. Final repair must then be completed within 30 days unless prohibited by weather conditions or availability of equipment.

Response Maintenance Schedule

KNOCKDOWNS

- Support - Mast arm
- Support - Strain pole
- Span wire/tether wire
- Pedestal
- Cabinet
- Signal heads

TYPE OF REPAIR PERMITTED

- Emergency or Final
- Emergency or Final
- Final Only
- Emergency or Final
- Emergency or Final
- Final Only

EQUIPMENT FAILURE

- Lamp burnout (veh. & ped.)
- Local controller
- Master controller
- Detector sensor
 - Loop
 - Magnetometer
 - Sonic
 - Magnetic
 - Pushbutton
- Detector amplifier
- Conflict monitor
- Flasher
- Time clock
- Load switch/relay
- Coordination unit
- Communication interface, mode
- Signal cable
- Traffic Signal Communications
- Traffic Signal Systems

- Final Only
- Emergency or Final
- Final Only
- Final Only
- Emergency or Final
- Final Only
- Emergency or Final
- Emergency or Final
- Final Only
- Final Only
- Final Only

Exhibit "B":
Recordkeeping



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Recordkeeping

Accurate and up-to-date recordkeeping is an essential component of a good traffic signal maintenance program. In recognition of this fact, the APPLICANT must prepare, retain, and make available to the COMMONWEALTH, on request, a record of all preventive and response maintenance activities performed on the traffic signal equipment covered by this application.

The APPLICANT shall establish a separate file for each installation and keep its records in the municipal building, signal maintenance shop, or other weather-protected enclosure.

At a minimum, the following records will be kept by the APPLICANT or its contractor for each traffic signal. These forms can be found in Section 10.0, Maintenance Record Forms, PA DOT Publication 191, current version.

FORM 1 - Master Intersection Record

This form, which lists all maintenance functions performed at the intersection, should be updated within one day of the activity but no more than one week later.

FORM 2 - Response Maintenance Record

Each time response maintenance is required at the intersection, this form is to be completed. Once the pertinent information is transferred to the master intersection record, this form is to be placed in the intersection file.

FORM 3 - Preventive Maintenance Record

This form will be used to provide a record of the preventive maintenance activities performed at each intersection. The date, the activities performed, and the signature of the person in charge of the work must be recorded in the form.

This form may be kept at the intersection, if it is adequately protected from the weather. Form 1 must be updated at the central file, however, to reflect the date and activity.

**Exhibit "C":
Signal Maintenance Organization**



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Personnel Classifications

In order to properly maintain the traffic signal equipment covered by this applicant, the APPLICANT agrees to provide, as minimum, the following staff throughout the useful life of equipment. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Traffic Engineer - The administrative position which has prime responsibility for the proper operation of traffic signal equipment. The principal function of this position is the supervision and control of subordinate personnel and the planning of their activities to ensure adequate preventive and response maintenance programs.

Minimum Position Requirements

1. A thorough understanding of traffic signal design, installation and maintenance.
2. A working knowledge of the interaction between the following traffic characteristics: Intersection geometry, traffic flow theory, control type (fixed time, actuated, etc.), signal phasing and timing, and interconnection.
3. An ability to supervise subordinate personnel effectively in the assignment of their work.
4. Possession of a college degree in engineering, which includes course work in traffic engineering.
5. Either four years experience in the field of traffic engineering or its equivalent in graduate college work.

Signal Specialist - The individual responsible for the diagnostics and repair of all traffic signal equipment including solid state equipment.

Minimum Position Requirements

1. Extensive training and troubleshooting skills in electronics and software.
2. Ability to repair modules in the shop and to design test equipment needed to diagnose and repair a problem.
3. Ability to make design and modifications to implement or omit special functions.
4. Ability to implement a recordkeeping system to include maintenance activities, inventory control and identification of recurring problems.
5. Ability to perform all tasks required of a signal technician.

Signal Technician - Individual responsible for the operation and maintenance of traffic signals and electromechanical equipment.

Minimum Position Requirements

1. Ability to perform response maintenance on solid state equipment up to the device exchange level.
2. Capability to diagnose a vehicle loop failure and initiate corrective action.
3. Ability to tune detector amplifiers.
4. Ability to follow wiring schematics, check and set timings from plan sheet and check all field connections.
5. Ability to perform preventive maintenance on all equipment and to maintain accurate records of all work perform.

Training

The APPLICANT agrees to secure training in order to upgrade the ability of its present staff to properly perform the required maintenance functions. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Budget Requirements

The APPLICANT agrees to provide, in its annual operating budget, dedicated funds which are sufficient to cover the cost of the personnel, training, contractors (if utilized) and specialized maintenance equipment which are required, by virtue of this application. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191..

Application Instructions

A - Applicant's (Municipal) Contact Information

Municipal Contact's Name: Provide the municipal contact name that is (or will be responsible) for the traffic signal. Typically this is either the Municipal Manager or Roadmaster.

Title: Provide the title of the municipal contact name.

Municipal Name: Provide the official municipal name.

Municipal Address: Provide the full address of the municipal building.

Municipal Phone Number: Provide the municipal phone number of the municipal contact.

Alternative Phone Number: Provide an alternative phone number of the municipal contact.

E-mail Address: Provide the e-mail address of the municipal contact.

Municipal Hours of Operation: Please provide the municipalities normal operating hours (i.e. Monday-Thursday 9 AM - 2 PM)

B - Application Description

Location (*intersection*): Please provide a detailed location of the device or devices being considered for approval.

Please include any State Route and/or local road names in your description.

Traffic Control Device is: (Please select one of the two following categories)

NEW Traffic Signal: This item should be selected when requesting approval of a traffic signal that is currently not in operation at the device location indicated above.

EXISTING Traffic Signal: This item should be selected when requesting approval to make a modification or update to an existing traffic signal.

(Permit Number): Please provide the traffic signal permit number.

Type of Device (select one): (Please select one of the four following categories)

Traffic Control Signal: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Sections 4D, 4E, and 4G. When selecting this category this is the typical red/yellow/green and pedestrian signal indications

Flashing Beacon: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 4L. When selecting this category, this is typically either the flashing yellow/red signal at an intersection and/or the flashing yellow warning sign.

School Warning System: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 7B. When selecting this category, this is typically the flashing school warning sign with a 15 mph indication.

Other: When selecting this category, this pertains to all other permitted electrically powered traffic control devices approved by the Department.

Is Traffic Signal part of a system?: Check off the appropriate box, either YES or NO. If YES, please fill in the **System Number (if applicable):** line.

Explain the proposed improvements: Provide a description of the proposed improvements to the intersection. This may be as complex as installing and/or upgrading a traffic signal or as non-complex as placement of a new traffic sign to supplement an existing traffic signal.

Associated with Highway Occupancy Permit (HOP):? Check off the appropriate box, either YES or NO. If YES, please fill in the **Application #:** line.

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by?: Please indicate if maintenance and operation will be performed by Municipal Personnel or through Contract Services.

Maintenance and Operations Contact Name: Provide the primary maintenance contact name for the individual that is (or will be responsible) for the maintenance and operation of the traffic signal.

Company/Organization: Provide the name of the company/organization with which the primary maintenance contact is affiliated.

Phone #: Provide the phone number for the primary maintenance contact.

Alternative Phone #: Provide an alternative phone number for the primary maintenance contact or affiliated company/organization.

E-mail: Provide the e-mail address for the primary maintenance contact.

D - Attachments Listing

Check off all documents which will be submitted along with this application. Note that a Municipal Resolution, authorizing the municipal contact to submit and sign the application, is a required document.

A sample Municipal Resolution has been provided on the next page.

E - Applicant (Municipal) Certification

Printed Municipal Contact Name: Please print the name of the municipal contact person signing the application.

Date: Please provide the date on which the application was signed.

Signed By: Please provide the signature of the named municipal contact.

Title of Signatory: Please provide the title of municipal contact.

Witness or Attest: Please provide the signature of the person witnessing or attesting the signature.

Witness or Attester: Please provide the title of the person witnessing or attesting the signature.

Application for Traffic Signal Approval

Please Type or Print all information in Blue or Black Ink



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

A - Applicant's (Municipal) Contact Information

Municipal Contact's Name : Kevin Costello Title : Public Works Director
 Municipal Name : Montgomery Township
 Municipal Address : 1001 Stump Road, Montgomeryville, PA 18936-9605
 Municipal Phone Number : 215-393-6900 Alternative Phone Number : _____
 E-mail Address : publicworks@montgomerytp.org
 Municipal Hours of Operation : Monday to Friday 8:30 AM - 4:30 PM

B - Application Description

Location (*intersection*) : Knapp Road & Witchwood Drive
 Traffic Control Device is : NEW Traffic Signal EXISTING Traffic Signal (Permit Number) : 64-3661
 Type of Device (*select one*) Traffic Control Signal (MUTCD Section 4D, 4E, 4G) Flashing Beacon (MUTCD Section 4L) School Warning System (MUTCD Section 7B)
 Other : _____
 Is Traffic Signal part of a system? : YES NO System Number (*if applicable*) : I-0185
 If YES, provide locations of all signalized intersections in system.
US 202 Parkway from Connector A to Hancock Road, Welsh Road, and DeKalb Pike.
 Explain the proposed improvements :
Increase length of left turn lane on Witchwood Drive.
 Associated with Highway Occupancy Permit (HOP)? : YES NO If YES, HOP Application # : 136441

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by? :
 Municipal Personnel Municipal Contractor Municipal Personnel & Contractor
 Other : _____
 Maintenance and Operations Contact Name : Kevin Costello Company/Organization : Montgomery Township
 Phone # : 215-393-6900 Alternative Phone # : _____ E-mail : publicworks@montgomerytp.org

D - Attachments Listing

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Municipal Resolution (<i>required</i>) | <input type="checkbox"/> Location Map | <input type="checkbox"/> Traffic Volumes / Pedestrian Volumes |
| <input type="checkbox"/> Letter of Financial Commitment | <input type="checkbox"/> Photographs | <input type="checkbox"/> Turn Lane Analysis |
| <input type="checkbox"/> Traffic Signal Permit | <input type="checkbox"/> Straight Line Diagram | <input type="checkbox"/> Turn Restriction Studies |
| <input type="checkbox"/> Warrant Analysis | <input type="checkbox"/> Capacity Analysis | <input type="checkbox"/> Other : _____ |
| <input type="checkbox"/> Crash Analysis | <input type="checkbox"/> Traffic Impact Study (TIS) | |
| <input type="checkbox"/> Traffic Signal Study | <input type="checkbox"/> Condition Diagram | |

Application for Traffic Signal Approval



Please Type or Print all information in Blue or Black Ink

County : _____

Engineering District : _____

Department Tracking # : _____

Initial Submission Date : _____

E - Applicant (Municipal) Certification

The applicant desires to own, operate, and maintain the traffic control device in the location indicated above; and the Vehicle Code requires the approval of the Department of Transportation ("Department") before any traffic signals may be legally erected or modified. A signed Application for Traffic Signal Approval (TE-160) must be submitted in conformance with the instructions provided by the Department, and a Traffic Signal Permit must be issued, before any work can begin.

If the Department approves a traffic signal after a traffic engineering study and engineering judgment indicates the need, the traffic signal shall be installed, owned, operated, and maintained within the parameters indicated in the Vehicle Code and the Department's regulations relating to traffic signs, signals, and markings. The Department may direct appropriate alterations to the design or operation (including, but not limited to, hours of operation) of the traffic signal, or require removal of the traffic signal, if traffic conditions or other considerations necessitate alteration or removal.

All items associated with the traffic control device (geometric features, signs, signals, pavement markings, pedestrian accommodations, and other traffic control device associated items) are the applicant's responsibility. The Traffic Signal Permit will then document all of the items associated with operation of each traffic control device. The applicant, at its sole expense, shall provide the necessary inspection, maintenance, and operation activities in conformance with the Department's Publication 191 or as otherwise agreed to by the Department. The applicant shall perform the preventative and responsive maintenance requirements and recordkeeping in accordance with the exhibits specified below. If the applicant fails to provide the required inspection, maintenance, or operation services within thirty (30) days of receipt of written notice from the Department, the Department shall have the right to perform the required inspection, maintenance, or operation services in the applicant's stead and the applicant shall reimburse the Department for all costs incurred. Federal- and/or state-aid participation may be withheld on all future projects if the applicant fails to demonstrate to the Department the ability to provide all required maintenance and operation services. The applicant certifies that it has funds available and committed for the operation and maintenance of the traffic control device and that it will make available sufficient funds for all required future inspection, maintenance, and operation activities.

The applicant shall indemnify, save harmless and, defend (if requested) the Commonwealth of Pennsylvania, its agents, representatives, and employees from and against any damages recoverable under the Sovereign Immunity Act, 42 Pa. C.S. § 8521-8528, up to the limitations on damages under said law, arising out of any personal injury or damage to property which is finally determined by a court to be caused by or result from acts or omissions of the applicant and for which a court has held applicant, its officials, or employees to be liable. This provision shall not be construed to limit the applicant in asserting any rights or defenses. Additionally, the applicant shall include in any contracts into which it enters for maintenance, operation, or inspection of the traffic control device this same obligation to indemnify the Commonwealth and its officers, agents, and employees; and it shall require its contractor(s) to provide public liability insurance coverage, naming the Commonwealth and the applicant as additional insureds for bodily injury, including death and property damage, in the minimum amounts of \$500,000 per person, \$1,000,000 per occurrence, it being the intention of parties to have the contractor fully insure and indemnify the Commonwealth and the applicant.

The applicant shall comply with the study and ordinance requirements of 75 Pa. C.S. § 6109. The applicant submits this application with the intention of being legally bound.

Neither this application nor any Traffic Signal Permit creates any rights or obligations with respect to parties other than the applicant and the Department. Third parties may not rely upon any representations made by either the applicant or the Department in connection with the submission or approval of this application or any work permitted or approved that is related to this application, as regards either payment of funds or performance of any particular item of maintenance precisely as specified.

The applicant agrees to comply with the attached Exhibits:

- Exhibit "A": Preventative and Response Maintenance Requirements (Sheet 3 of 5)
- Exhibit "B": Recordkeeping (Sheet 4 of 5)
- Exhibit "C": Signal Maintenance Organization (Sheet 5 of 5)

Printed Municipal Contact Name : _____ Date : _____

Signed By : _____ Witness or Attest : _____

Title of Signatory : _____ Title of Witness or Attester: _____

Exhibit "A":
 Preventative and Response Maintenance
 Requirements



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Preventive Maintenance

The APPLICANT or its contractor will provide preventive maintenance for each individual component of the traffic signal installation covered by this application at intervals not less than those indicated in the Preventive Maintenance Summary, PA DOT Publication 191, current version. This is the recommended level of maintenance to keep the intersection control equipment and signals in mechanically, structurally and aesthetically good condition.

Response Maintenance

The APPLICANT or its contractor will provide response maintenance in accordance with the provisions of the Response Maintenance Schedule. It encompasses the work necessary to restore a traffic signal system to proper and safe operation. Includes Emergency Repair and Final Repair.

FINAL REPAIR:

Repair or replace failed equipment to restore system to proper and safe operation in accordance with permit within a 24-hour period.

EMERGENCY REPAIR:

Use alternative means or mode to temporarily restore system to safe operation within a 24-hour period. Final repair must then be completed within 30 days unless prohibited by weather conditions or availability of equipment.

Response Maintenance Schedule

KNOCKDOWNS

TYPE OF REPAIR PERMITTED

Support - Mast arm	Emergency or Final
Support - Strain pole	Emergency or Final
Span wire/tether wire	Final Only
Pedestal	Emergency or Final
Cabinet	Emergency or Final
Signal heads	Final Only

EQUIPMENT FAILURE

Lamp burnout (veh. & ped.)	Final Only
Local controller	Emergency or Final
Master controller	Emergency or Final
Detector sensor	
- Loop	Emergency or Final
- Magnetometer	Emergency or Final
- Sonic	Emergency or Final
- Magnetic	Emergency or Final
- Pushbutton	Emergency or Final
Detector amplifier	Emergency or Final
Conflict monitor	Final Only
Flasher	Final Only
Time clock	Emergency or Final
Load switch/relay	Final Only
Coordination unit	Emergency or Final
Communication interface, mode	Emergency or Final
Signal cable	Final Only
Traffic Signal Communications	Final Only
Traffic Signal Systems	Final Only

Exhibit "B":
Recordkeeping

County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Recordkeeping

Accurate and up-to-date recordkeeping is an essential component of a good traffic signal maintenance program. In recognition of this fact, the APPLICANT must prepare, retain, and make available to the COMMONWEALTH, on request, a record of all preventive and response maintenance activities performed on the traffic signal equipment covered by this application.

The APPLICANT shall establish a separate file for each installation and keep its records in the municipal building, signal maintenance shop, or other weather-protected enclosure.

At a minimum, the following records will be kept by the APPLICANT or its contractor for each traffic signal. These forms can be found in Section 10.0, Maintenance Record Forms, PA DOT Publication 191, current version.

FORM 1 - Master Intersection Record

This form, which lists all maintenance functions performed at the intersection, should be updated within one day of the activity but no more than one week later.

FORM 2 - Response Maintenance Record

Each time response maintenance is required at the intersection, this form is to be completed. Once the pertinent information is transferred to the master intersection record, this form is to be placed in the intersection file.

FORM 3 - Preventive Maintenance Record

This form will be used to provide a record of the preventive maintenance activities performed at each intersection. The date, the activities performed, and the signature of the person in charge of the work must be recorded in the form.

This form may be kept at the intersection, if it is adequately protected from the weather. Form 1 must be updated at the central file, however, to reflect the date and activity.

Exhibit "C":
Signal Maintenance Organization



County : _____

Engineering District : _____

Department Tracking # : _____

Initial Submission Date : _____

Personnel Classifications

In order to properly maintain the traffic signal equipment covered by this applicant, the APPLICANT agrees to provide, as minimum, the following staff throughout the useful life of equipment. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Traffic Engineer - The administrative position which has prime responsibility for the proper operation of traffic signal equipment. The principal function of this position is the supervision and control of subordinate personnel and the planning of their activities to ensure adequate preventive and response maintenance programs.

Minimum Position Requirements

1. A thorough understanding of traffic signal design, installation and maintenance.
2. A working knowledge of the interaction between the following traffic characteristics: Intersection geometry, traffic flow theory, control type (fixed time, actuated, etc.), signal phasing and timing, and interconnection.
3. An ability to supervise subordinate personnel effectively in the assignment of their work.
4. Possession of a college degree in engineering, which includes course work in traffic engineering.
5. Either four years experience in the field of traffic engineering or its equivalent in graduate college work.

Signal Specialist - The individual responsible for the diagnostics and repair of all traffic signal equipment including solid state equipment.

Minimum Position Requirements

1. Extensive training and troubleshooting skills in electronics and software.
2. Ability to repair modules in the shop and to design test equipment needed to diagnose and repair a problem.
3. Ability to make design and modifications to implement or omit special functions.
4. Ability to implement a recordkeeping system to include maintenance activities, inventory control and identification of recurring problems.
5. Ability to perform all tasks required of a signal technician.

Signal Technician - Individual responsible for the operation and maintenance of traffic signals and electromechanical equipment.

Minimum Position Requirements

1. Ability to perform response maintenance on solid state equipment up to the device exchange level.
2. Capability to diagnose a vehicle loop failure and initiate corrective action.
3. Ability to tune detector amplifiers.
4. Ability to follow wiring schematics, check and set timings from plan sheet and check all field connections.
5. Ability to perform preventive maintenance on all equipment and to maintain accurate records of all work perform.

Training

The APPLICANT agrees to secure training in order to upgrade the ability of its present staff to properly perform the required maintenance functions. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Budget Requirements

The APPLICANT agrees to provide, in its annual operating budget, dedicated funds which are sufficient to cover the cost of the personnel, training, contractors (if utilized) and specialized maintenance equipment which are required, by virtue of this application. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191..

Application Instructions

A - Applicant's (Municipal) Contact Information

Municipal Contact's Name: Provide the municipal contact name that is (or will be responsible) for the traffic signal. Typically this is either the Municipal Manager or Roadmaster.

Title: Provide the title of the municipal contact name.

Municipal Name: Provide the official municipal name.

Municipal Address: Provide the full address of the municipal building.

Municipal Phone Number: Provide the municipal phone number of the municipal contact.

Alternative Phone Number: Provide an alternative phone number of the municipal contact.

E-mail Address: Provide the e-mail address of the municipal contact.

Municipal Hours of Operation: Please provide the municipalities normal operating hours (i.e. Monday-Thursday 9 AM - 2 PM)

B - Application Description

Location (*intersection*): Please provide a detailed location of the device or devices being considered for approval.

Please include any State Route and/or local road names in your description.

Traffic Control Device is: (Please select one of the two following categories)

NEW Traffic Signal: This item should be selected when requesting approval of a traffic signal that is currently not in operation at the device location indicated above.

EXISTING Traffic Signal: This item should be selected when requesting approval to make a modification or update to an existing traffic signal.

(Permit Number): Please provide the traffic signal permit number.

Type of Device (select one): (Please select one of the four following categories)

Traffic Control Signal: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Sections 4D, 4E, and 4G. When selecting this category this is the typical red/yellow/green and pedestrian signal indications

Flashing Beacon: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 4L. When selecting this category, this is typically either the flashing yellow/red signal at an intersection and/or the flashing yellow warning sign.

School Warning System: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 7B. When selecting this category, this is typically the flashing school warning sign with a 15 mph indication.

Other: When selecting this category, this pertains to all other permitted electrically powered traffic control devices approved by the Department.

Is Traffic Signal part of a system?: Check off the appropriate box, either YES or NO. If YES, please fill in the **System Number (if applicable):** line.

Explain the proposed improvements: Provide a description of the proposed improvements to the intersection. This may be as complex as installing and/or upgrading a traffic signal or as non-complex as placement of a new traffic sign to supplement an existing traffic signal.

Associated with Highway Occupancy Permit (HOP): Check off the appropriate box, either YES or NO. If YES, please fill in the **Application #:** line.

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by?: Please indicate if maintenance and operation will be performed by Municipal Personnel or through Contract Services.

Maintenance and Operations Contact Name: Provide the primary maintenance contact name for the individual that is (or will be responsible) for the maintenance and operation of the traffic signal.

Company/Organization: Provide the name of the company/organization with which the primary maintenance contact is affiliated.

Phone #: Provide the phone number for the primary maintenance contact.

Alternative Phone #: Provide an alternative phone number for the primary maintenance contact or affiliated company/organization.

E-mail: Provide the e-mail address for the primary maintenance contact.

D - Attachments Listing

Check off all documents which will be submitted along with this application. Note that a Municipal Resolution, authorizing the municipal contact to submit and sign the application, is a required document.

A sample Municipal Resolution has been provided on the next page.

E - Applicant (Municipal) Certification

Printed Municipal Contact Name: Please print the name of the municipal contact person signing the application.

Date: Please provide the date on which the application was signed.

Signed By: Please provide the signature of the named municipal contact.

Title of Signatory: Please provide the title of municipal contact.

Witness or Attest: Please provide the signature of the person witnessing or attesting the signature.

Witness or Attester: Please provide the title of the person witnessing or attesting the signature.



February 8, 2018

File No. 2011-12033

Mr. Lawrence Gregan, Township Manager
 Montgomery Township
 1001 Stump Road
 Montgomeryville, PA 18936

Reference: Financial Security Release 6 (FINAL)
 Maple Brook Estates – LD/S #664OHB

Dear Larry:

As requested by Montgomery Township, we have reviewed the request for release of financial security for Maple Brook Estates as submitted by Riley Riper Hollin & Colagreco (RRHC) letter dated January 9, 2018 and received by the Township January 11, 2018.

This report is provided pursuant to Section 510 of the Pennsylvania Municipalities Code (MPC), which imposes strict time constraints on the Township Supervisors and the Township Engineer regarding response to the developer's request. Per the MPC requirements a copy of this report will be provided to the developer by certified or registered mail. We note the Board must notify the developer, within 15 days of receipt of this report, in writing by certified or registered mail of the action of the Board regarding this request.

Enclosed with this letter are the following:

- Release of Escrow Form (Release #6)
- Escrow Status Report (Release #6)
- RRHC Letter dated January 9, 2018
- TPD Letter dated October 2, 2017 (Maple Brook Estates Streetlighting)
- B&J Letter dated January 24, 2018 (Inspection for Release of Performance Bond)
- G&A Letter dated February 7, 2018 (Site As-Built Review #2)

At this time we recommend the items listed below be approved and an amount of \$101,141.95 be released from the developer's financial security.

Item #	Description	Unit	Quantity Completed	Unit Cost	Amount Recommended for Release
III.A	Open Space: Grading	SF	3405	\$0.03	\$102.15
III.B	Open Space: Cut to Fill	CY	3	\$2.25	\$6.75
III.C	Open Space: Compaction	CY	150	\$1.23	\$184.50
III.D	Open Space: Topsoil 6"	CY	59	\$3.02	\$178.18
III.E	Open Space: Rake & Seed	SF	11527	\$0.06	\$691.62
IX.1	Site Lighting	LS	1	\$32,930.00	\$32,930.00
XII.2	As-Built Surveys & Plans	LS	1	\$8,000.00	\$8,000.00
XII.3	Monumentation	EA	71	\$200.00	\$14,200.00

BUILDING ON A FOUNDATION OF EXCELLENCE

65 E. Butler Avenue | Suite 100 | New Britain, PA 18901 | Phone: 215-345-4330 | Fax: 215-345-8606

www.gilmore-assoc.com

Item #	Description	Unit	Quantity Completed	Unit Cost	Amount Recommended for Release
XII.4	Lot Pins	EA	30	\$75.00	\$2,250.00
XV	Contingency		0.46	\$92,605.97	\$42,598.75
TOTAL AMOUNT RECOMMENDED FOR RELEASE					\$101,141.95

We recommend the following items be rejected and not released from the developer's financial security for the reasons stated.

Item #	Description	Reason for Rejection
XV	Contingency	Balance released upon certification of completion (landscaping deficient).

Should you have any further questions or require any additional information, please do not hesitate to contact our office.

Sincerely,



James P. Dougherty, P.E.
Senior Project Manager
Gilmore & Associates, Inc.

JPD/sl

Enclosures: As Referenced

cc: Bruce S. Shoupe, Director of Planning and Zoning (via email only)
Frank R. Bartle, Esq., Solicitor – Dischell Bartle & Dooley, PC (via email only)
Kevin Johnson, P.E. - Traffic Planning & Design, Inc. (via email only)
Judith Stern Goldstein, ASLA, R.L.A. - Boucher & James, Inc. (via email only)
Eric J. Henwood, Land Development Manager – Lennar (via certified mail and email)
Sam Carlo, Lennar (via certified mail and email)
Alyson M. Zarro, Esq. - Riley Riper Hollin & Colagreco (via certified mail and email)

RELEASE OF ESCROW FORM

James P. Dougherty
Senior Project Manager
Gilmore & Associates, Inc.
65 East Butler Avenue, Suite 100
New Britain, PA 18901
215-345-4330

Date: 01/11/2018

Development: Maple Brook Estates - LD/S #664OHB
Release #: 6

G&A Project #: 2011-12033

Dear Mr. Dougherty:

This is an escrow release request in the amount of \$151,149.17. Enclosed is a copy of our escrow spreadsheet with the quantities noted.

ESCROW RELEASE REQUESTS ARE LIMITED TO ONE PER MONTH.

Mr. Lawrence Gregan
Township Manager
Montgomery Township
1001 Stump Road
Montgomeryville, PA 18936

Date: 02/08/2018

Dear Mr. Gregan:

We have reviewed the developer's request for an escrow release. We therefore, recommend that \$101,141.95 be released. These improvements will be subject to a final observation prior to dedication and again at the end of the maintenance period. Any deficiencies will be required to be corrected by the developer.

 2/8/18

James P. Dougherty, P.E., Senior Project Manager, Gilmore & Associates, Inc.

Resolution # _____

WHEREAS, a request for release of escrow was received from Lennar for Maple Brook Estates - LD/S #664OHB, in the amount of \$151,149.17, on the representation that work set forth in the Land Development Agreement to the extent has been completed and; WHEREAS, said request has been reviewed by the Township Engineer who recommends release of \$101,141.95; NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we do hereby authorize release of \$101,141.95; in accordance with the developer's request, and the officers of the Township are authorized to take the necessary action to obtain release of said sum. BE IT FURTHER RESOLVED that Township records indicate that escrow has been deposited via Performance Bond with Montgomery Township in total sum of \$1,018,665.65 pursuant to a signed Land Development Agreement and that \$867,516.48 has previously been released from escrow. Therefore, the action of the Board releasing said sum leaves a new balance of \$50,007.22 in escrow.

MOTION BY: _____
SECOND BY: _____
DATED: _____
RELEASED BY: _____
Department Director

VOTE: _____



ESCROW STATUS REPORT

SUMMARY OF ESCROW ACCOUNT

PROJECT NAME: Maple Brook Estates - LD/S #664OHB	TOTAL CONSTRUCTION: \$ 926,059.68	ORIGINAL ESCROW AMOUNT: \$ 1,018,665.65
PROJECT NO.: 2011-12033	TOTAL CONSTRUCTION CONTINGENCY: \$ 92,605.97	
PROJECT OWNER: Lennar	TOTAL ESCROW POSTED: \$ 1,018,665.65	AMOUNT OF THIS RELEASE: \$ 101,141.95
MUNICIPALITY: Montgomery Township	TOTAL ENG/INSP/LEGAL (CASH ACCOUNT): \$ 45,000.00	PRIOR ESCROW RELEASED: \$ 887,516.48
ESCROW AGENT: Lexon Insurance Company	TOTAL ADMINISTRATION (CASH ACCOUNT): \$ 5,000.00	TOTAL ESCROW RELEASED TO DATE: \$ 968,658.43
TYPE OF SECURITY: Performance Bond No. 1096854		BALANCE AFTER CURRENT RELEASE: \$ 50,007.22
AGREEMENT DATE: 8-Oct-2013	RELEASE NO.: 6	
	RELEASE DATE: 8-Feb-2018	

ESCROW TABULATION					CURRENT RELEASE		RELEASED TO DATE		AVAILABLE FOR RELEASE		RELEASE REQ # 1
CONSTRUCTION ITEMS					QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY
I. SITE PREPARATION/DEMOLITION											
1.	Tree Protection Fence	LF	895	\$ 2.55	\$ 2,282.25	0	\$ -	895.00	\$ 2,282.25	0.00	\$ -
2.	General Clearing and Grubbing	LS	1	\$ 4,000.00	\$ 4,000.00	0	\$ -	1.00	\$ 4,000.00	0.00	\$ -
II. EROSION & SEDIMENT CONTROL											
1.	Inlet Protection										
A.	Silt Sacks	EA	15	\$ 127.50	\$ 1,912.50	0	\$ -	15.00	\$ 1,912.50	0.00	\$ -
B.	Paved Berm	EA	17	\$ 127.50	\$ 2,167.50	0	\$ -	17.00	\$ 2,167.50	0.00	\$ -
2.	Silt Fence										
A.	18" Silt Fence	LF	98	\$ 2.34	\$ 229.32	0	\$ -	98.00	\$ 229.32	0.00	\$ -
B.	30" Silt Fence	LF	1,030	\$ 3.83	\$ 3,944.90	0	\$ -	1,030.00	\$ 3,944.90	0.00	\$ -
C.	Super Silt Fence	LF	365	\$ 7.50	\$ 2,737.50	0	\$ -	365.00	\$ 2,737.50	0.00	\$ -
3.	Rock Construction Entrance	SF	3,964	\$ 1.53	\$ 6,064.92	0	\$ -	3,964.00	\$ 6,064.92	0.00	\$ -
4.	Rock Filter	EA	6	\$ 340.00	\$ 2,040.00	0	\$ -	6.00	\$ 2,040.00	0.00	\$ -
5.	Basin Baffle (GSF)	LF	165	\$ 10.00	\$ 1,650.00	0	\$ -	165.00	\$ 1,650.00	0.00	\$ -
6.	Sediment Basin Construction (temp. pipes, riser and rip-rap)	LS	1	\$ 7,554.00	\$ 7,554.00	0	\$ -	1.00	\$ 7,554.00	0.00	\$ -
7.	Temporary Seeding	LS	1	\$ 6,700.00	\$ 6,700.00	0	\$ -	1.00	\$ 6,700.00	0.00	\$ -
8.	Pumped Water Filter Bag	EA	1	\$ 500.00	\$ 500.00	0	\$ -	1.00	\$ 500.00	0.00	\$ -
9.	Concrete Washout Area	LS	1	\$ 1,000.00	\$ 1,000.00	0	\$ -	1.00	\$ 1,000.00	0.00	\$ -
10.	Swale Protection										
A.	NAG S75	SY	200	\$ 5.70	\$ 1,140.00	0	\$ -	200.00	\$ 1,140.00	0.00	\$ -
B.	NAG SC250	SY	280	\$ 6.22	\$ 1,741.60	0	\$ -	280.00	\$ 1,741.60	0.00	\$ -
III. EARTHWORK											
1.	Site Work										
A.	Topsoil Cut & Stockpile (12")	CY	15,365	\$ 2.25	\$ 34,571.25	0	\$ -	15,365.00	\$ 34,571.25	0.00	\$ -
B.	Restrip Sediment Basin 6"	CY	1,534	\$ 2.25	\$ 3,451.50	0	\$ -	1,534.00	\$ 3,451.50	0.00	\$ -



ESCROW STATUS REPORT

SUMMARY OF ESCROW ACCOUNT

PROJECT NAME: Maple Brook Estates - LD/S #664OHB	TOTAL CONSTRUCTION: \$ 926,059.68	ORIGINAL ESCROW AMOUNT: \$ 1,018,665.65
PROJECT NO.: 2011-12033	TOTAL CONSTRUCTION CONTINGENCY: \$ 92,605.97	
PROJECT OWNER: Lennar	TOTAL ESCROW POSTED: \$ 1,018,665.65	AMOUNT OF THIS RELEASE: \$ 101,141.95
MUNICIPALITY: Montgomery Township	TOTAL ENG/INSP/LEGAL (CASH ACCOUNT): \$ 45,000.00	PRIOR ESCROW RELEASED: \$ 867,516.48
ESCROW AGENT: Lexon Insurance Company	TOTAL ADMINISTRATION (CASH ACCOUNT): \$ 5,000.00	TOTAL ESCROW RELEASED TO DATE: \$ 968,658.43
TYPE OF SECURITY: Performance Bond No. 1098854		BALANCE AFTER CURRENT RELEASE: \$ 50,007.22
AGREEMENT DATE: 8-Oct-2013	RELEASE NO.: 6	
	RELEASE DATE: 8-Feb-2018	

ESCROW TABULATION					CURRENT RELEASE		RELEASED TO DATE		AVAILABLE FOR RELEASE		RELEASE REQ # 1
CONSTRUCTION ITEMS	UNITS	QUANTITY	UNIT PRICE	TOTAL AMOUNT	TOTAL		TOTAL		TOTAL		QUANTITY
					QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	
III. EARTHWORK (cont)											
2. Roadway (Interior)											
A. Grading	SF	66,418	\$ 0.03	\$ 1,992.54	0	\$ -	66,418.00	\$ 1,992.54	0.00	\$ -	
B. Cut To Fill	CY	1,317	\$ 2.25	\$ 2,963.25	0	\$ -	1,317.00	\$ 2,963.25	0.00	\$ -	
C. Compaction	CY	1,160	\$ 1.23	\$ 1,426.80	0	\$ -	1,160.00	\$ 1,426.80	0.00	\$ -	
D. Topsoil 6" (ROW & Slopes)	CY	483	\$ 3.02	\$ 1,458.66	0	\$ -	483.00	\$ 1,458.66	0.00	\$ -	
E. Rake & Seed (ROW & Slopes)	SF	26,070	\$ 0.06	\$ 1,564.20	0	\$ -	26,070.00	\$ 1,564.20	0.00	\$ -	
3. Basins											
A. Grading	SF	56,033	\$ 0.03	\$ 1,680.99	0	\$ -	56,033.00	\$ 1,680.99	0.00	\$ -	
B. Cut To Fill	CY	3,311	\$ 2.25	\$ 7,449.75	0	\$ -	3,311.00	\$ 7,449.75	0.00	\$ -	
C. Compaction	CY	1,510	\$ 1.23	\$ 1,857.30	0	\$ -	1,510.00	\$ 1,857.30	0.00	\$ -	
D. Keyway	CY	441	\$ 4.68	\$ 2,063.88	0	\$ -	441.00	\$ 2,063.88	0.00	\$ -	
E. Topsoil 6"	CY	851	\$ 3.02	\$ 2,570.02	0	\$ -	851.00	\$ 2,570.02	0.00	\$ -	
F. Rake & Seed	SF	45,698	\$ 0.06	\$ 2,741.88	0	\$ -	45,698.00	\$ 2,741.88	0.00	\$ -	
4. Lawns & Walks											
A. Grading	SF	194,536	\$ 0.03	\$ 5,836.08	0	\$ -	194,536.00	\$ 5,836.08	0.00	\$ -	
B. Cut To Fill	CY	3,527	\$ 2.25	\$ 7,935.75	0	\$ -	3,527.00	\$ 7,935.75	0.00	\$ -	
C. Compaction	CY	5,811	\$ 1.23	\$ 7,147.53	0	\$ -	5,811.00	\$ 7,147.53	0.00	\$ -	
D. Topsoil 6"	CY	3,622	\$ 3.02	\$ 10,938.44	0	\$ -	3,622.00	\$ 10,938.44	0.00	\$ -	
E. Rake & Seed	SF	195,608	\$ 0.06	\$ 11,736.48	0	\$ -	195,608.00	\$ 11,736.48	0.00	\$ -	
5. Open Space											
A. Grading	SF	31,405	\$ 0.03	\$ 942.15	3405	\$ 102.15	31,405.00	\$ 942.15	0.00	\$ -	
B. Cut To Fill	CY	26	\$ 2.25	\$ 58.50	3	\$ 6.75	26.00	\$ 58.50	0.00	\$ -	
C. Compaction	CY	1,400	\$ 1.23	\$ 1,722.00	150	\$ 184.50	1,400.00	\$ 1,722.00	0.00	\$ -	
D. Topsoil 6"	CY	584	\$ 3.02	\$ 1,763.68	59	\$ 178.18	584.00	\$ 1,763.68	0.00	\$ -	
E. Rake & Seed	SF	31,527	\$ 0.06	\$ 1,891.62	11527	\$ 691.62	31,527.00	\$ 1,891.62	0.00	\$ -	



ESCROW STATUS REPORT

SUMMARY OF ESCROW ACCOUNT

PROJECT NAME: Maple Brook Estates - LD/S #664OHB	TOTAL CONSTRUCTION: \$ 926,059.68	ORIGINAL ESCROW AMOUNT: \$ 1,018,665.65
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PROJECT OWNER: Lennar	TOTAL ESCROW POSTED: \$ 1,018,665.65	AMOUNT OF THIS RELEASE: \$ 101,141.95
MUNICIPALITY: Montgomery Township	TOTAL ENG/INSP/LEGAL (CASH ACCOUNT): \$ 45,000.00	PRIOR ESCROW RELEASED: \$ 867,516.48
ESCROW AGENT: Lexon Insurance Company	TOTAL ADMINISTRATION (CASH ACCOUNT): \$ 5,000.00	TOTAL ESCROW RELEASED TO DATE: \$ 968,658.43
TYPE OF SECURITY: Performance Bond No. 1096854		
AGREEMENT DATE: 8-Oct-2013	RELEASE NO.: 6	BALANCE AFTER CURRENT RELEASE: \$ 50,007.22
	RELEASE DATE: 8-Feb-2018	

ESCROW TABULATION					CURRENT RELEASE		RELEASED TO DATE		AVAILABLE FOR RELEASE		RELEASE REQ # 1
CONSTRUCTION ITEMS	UNITS	QUANTITY	UNIT	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY
			PRICE	AMOUNT		AMOUNT		AMOUNT		AMOUNT	
IV. STORM SEWER											
1. Pipe											
A. 4" Header System	LF	824	\$ 9.35	\$ 7,704.40	0	\$ -	824.00	\$ 7,704.40	0.00	\$ -	-
B. 18" RCP	LF	210	\$ 32.73	\$ 6,873.30	0	\$ -	210.00	\$ 6,873.30	0.00	\$ -	-
C. 30" RCP	LF	25	\$ 61.20	\$ 1,530.00	0	\$ -	25.00	\$ 1,530.00	0.00	\$ -	-
D. 29" x 45" ERCP	LF	64	\$ 114.75	\$ 7,344.00	0	\$ -	64.00	\$ 7,344.00	0.00	\$ -	-
E. 18" HDPE	LF	758	\$ 35.70	\$ 27,060.60	0	\$ -	758.00	\$ 27,060.60	0.00	\$ -	-
F. 18" HDPE Perf.	LF	268	\$ 35.70	\$ 9,567.60	0	\$ -	268.00	\$ 9,567.60	0.00	\$ -	-
G. 24" HDPE	LF	197	\$ 39.53	\$ 7,787.41	0	\$ -	197.00	\$ 7,787.41	0.00	\$ -	-
2. Structures											
A. 18" DW Endwall	EA	1	\$ 1,530.00	\$ 1,530.00	0	\$ -	1.00	\$ 1,530.00	0.00	\$ -	-
B. 24" DW Endwall	EA	1	\$ 2,040.00	\$ 2,040.00	0	\$ -	1.00	\$ 2,040.00	0.00	\$ -	-
C. 48" DW Endwall	EA	1	\$ 4,080.00	\$ 4,080.00	0	\$ -	1.00	\$ 4,080.00	0.00	\$ -	-
D. FES 18"	EA	1	\$ 1,487.50	\$ 1,487.50	0	\$ -	1.00	\$ 1,487.50	0.00	\$ -	-
3. Inlets											
A. 4' Type 'C' Inlet											
1. 0-4'	EA	8	\$ 1,147.50	\$ 9,180.00	0	\$ -	8.00	\$ 9,180.00	0.00	\$ -	-
2. 0-6'	EA	3	\$ 1,402.50	\$ 4,207.50	0	\$ -	3.00	\$ 4,207.50	0.00	\$ -	-
3. 6-8'	EA	2	\$ 1,615.00	\$ 3,230.00	0	\$ -	2.00	\$ 3,230.00	0.00	\$ -	-
4. 8-10'	EA	2	\$ 1,827.50	\$ 3,655.00	0	\$ -	2.00	\$ 3,655.00	0.00	\$ -	-
B. 4' Type 'M' Inlet											
1. 0-4'	EA	2	\$ 1,177.25	\$ 2,354.50	0	\$ -	2.00	\$ 2,354.50	0.00	\$ -	-
2. 0-6'	EA	2	\$ 1,394.00	\$ 2,788.00	0	\$ -	2.00	\$ 2,788.00	0.00	\$ -	-
C. 6' Type 'M' Inlet w/Mod. Box 4-6'	EA	1	\$ 2,380.00	\$ 2,380.00	0	\$ -	1.00	\$ 2,380.00	0.00	\$ -	-
D. Bicycle Safe Grates	EA	20	\$ 229.50	\$ 4,590.00	0	\$ -	20.00	\$ 4,590.00	0.00	\$ -	-
E. 6' Storm Manhole 6-8'	EA	1	\$ 2,805.00	\$ 2,805.00	0	\$ -	1.00	\$ 2,805.00	0.00	\$ -	-
F. 24" Snout	EA	4	\$ 850.00	\$ 3,400.00	0	\$ -	4.00	\$ 3,400.00	0.00	\$ -	-
4. Bio-Infiltration Basin											
A. Bioretention Planting Soil	CY	607	\$ 27.00	\$ 16,389.00	0	\$ -	607.00	\$ 16,389.00	0.00	\$ -	-
B. Wet Meadow Seeding Mixture	SF	8,187	\$ 0.15	\$ 1,228.05	0	\$ -	8,187.00	\$ 1,228.05	0.00	\$ -	-
C. Split Rail Fence	LF	635	\$ 25.00	\$ 15,875.00	0	\$ -	635.00	\$ 15,875.00	0.00	\$ -	-
D. 4" Underdrain	LF	180	\$ 9.35	\$ 1,683.00	0	\$ -	180.00	\$ 1,683.00	0.00	\$ -	-
E. 30" RCP O-Ring	LF	43	\$ 51.85	\$ 2,229.55	0	\$ -	43.00	\$ 2,229.55	0.00	\$ -	-



ESCROW STATUS REPORT

SUMMARY OF ESCROW ACCOUNT

PROJECT NAME:	Maple Brook Estates - LD/S #864OHB	TOTAL CONSTRUCTION:	\$ 926,059.68	ORIGINAL ESCROW AMOUNT:	\$ 1,018,665.65
PROJECT NO.:	2011-12033	TOTAL CONSTRUCTION CONTINGENCY:	\$ 92,605.97		
PROJECT OWNER:	Lennar	TOTAL ESCROW POSTED:	\$ 1,018,665.65	AMOUNT OF THIS RELEASE:	\$ 101,141.95
MUNICIPALITY:	Montgomery Township	TOTAL ENG/INSP/LEGAL (CASH ACCOUNT):	\$ 45,000.00	PRIOR ESCROW RELEASED:	\$ 867,516.48
ESCROW AGENT:	Lexon Insurance Company	TOTAL ADMINISTRATION (CASH ACCOUNT):	\$ 5,000.00	TOTAL ESCROW RELEASED TO DATE:	\$ 968,658.43
TYPE OF SECURITY:	Performance Bond No. 1096854			BALANCE AFTER CURRENT RELEASE:	\$ 50,007.22
AGREEMENT DATE:	8-Oct-2013				
		RELEASE NO.:	6		
		RELEASE DATE:	8-Feb-2018		

ESCROW TABULATION					CURRENT RELEASE		RELEASED TO DATE		AVAILABLE FOR RELEASE		RELEASE REQ # 1
CONSTRUCTION ITEMS	UNITS	QUANTITY	UNIT	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY
			PRICE	AMOUNT		AMOUNT		AMOUNT		AMOUNT	
V. STORM SEWER (cont)											
F. Rip-Rap	TN	146	\$ 33.15	\$ 4,839.90	0	\$ -	146.00	\$ 4,839.90	0.00	\$ -	-
G. 6" FES Poly	EA	1	\$ 437.75	\$ 437.75	0	\$ -	1.00	\$ 437.75	0.00	\$ -	-
H. Outlet Structure	EA	1	\$ 3,825.00	\$ 3,825.00	0	\$ -	1.00	\$ 3,825.00	0.00	\$ -	-
I. Antiseep Collars	EA	2	\$ 956.25	\$ 1,912.50	0	\$ -	2.00	\$ 1,912.50	0.00	\$ -	-
J. Enkamat Spillway	SF	2,413	\$ 1.96	\$ 4,729.48	0	\$ -	2,413.00	\$ 4,729.48	0.00	\$ -	-
K. 4" Gate Valve/Box	EA	1	\$ 850.00	\$ 850.00	0	\$ -	1.00	\$ 850.00	0.00	\$ -	-
L. Basin Access Grading	SY	500	\$ 0.85	\$ 425.00	0	\$ -	500.00	\$ 425.00	0.00	\$ -	-
5. Rain Garden											
A. Wet Meadow Seeding Mixture	SF	3,000	\$ 0.15	\$ 450.00	0	\$ -	3,000.00	\$ 450.00	0.00	\$ -	-
B. Amended Soil	CY	225	\$ 27.00	\$ 6,075.00	0	\$ -	225.00	\$ 6,075.00	0.00	\$ -	-
C. Orange Construction Fence	LF	240	\$ 2.55	\$ 612.00	0	\$ -	240.00	\$ 612.00	0.00	\$ -	-
D. 4" Underdrain	LF	140	\$ 9.35	\$ 1,309.00	0	\$ -	140.00	\$ 1,309.00	0.00	\$ -	-
E. 6" PVC	LF	130	\$ 14.45	\$ 1,878.50	0	\$ -	130.00	\$ 1,878.50	0.00	\$ -	-
F. 6" FES Poly	EA	1	\$ 437.75	\$ 437.75	0	\$ -	1.00	\$ 437.75	0.00	\$ -	-
G. 4" Gate Valve/Box	EA	1	\$ 850.00	\$ 850.00	0	\$ -	1.00	\$ 850.00	0.00	\$ -	-
6. Infiltration Bed											
A. Grading	SF	7,055	\$ 0.03	\$ 211.65	0	\$ -	7,055.00	\$ 211.65	0.00	\$ -	-
B. Excavate Trench	CY	2,091	\$ 3.19	\$ 6,670.29	0	\$ -	2,091.00	\$ 6,670.29	0.00	\$ -	-
C. Compaction	CY	1,699	\$ 4.34	\$ 7,373.66	0	\$ -	1,699.00	\$ 7,373.66	0.00	\$ -	-
D. Geotextile	SF	14,998	\$ 0.17	\$ 2,549.66	0	\$ -	14,998.00	\$ 2,549.66	0.00	\$ -	-
E. Stone	TN	795	\$ 20.40	\$ 16,218.00	0	\$ -	795.00	\$ 16,218.00	0.00	\$ -	-
F. Orange Construction Fence	LF	440	\$ 2.55	\$ 1,122.00	0	\$ -	440.00	\$ 1,122.00	0.00	\$ -	-
G. 4" Underdrain	LF	50	\$ 9.35	\$ 467.50	0	\$ -	50.00	\$ 467.50	0.00	\$ -	-
H. 4" Gate Valve/Box	EA	1	\$ 850.00	\$ 850.00	0	\$ -	1.00	\$ 850.00	0.00	\$ -	-
VI. CONCRETE											
1. Belgian Block Curb	LF	2,380	\$ 16.58	\$ 39,460.40	0	\$ -	2,380.00	\$ 39,460.40	0.00	\$ -	-
2. Concrete Curb	LF	90	\$ 17.26	\$ 1,553.40	0	\$ -	90.00	\$ 1,553.40	0.00	\$ -	-
3. Cut Subgrade for Curb	LF	2,273	\$ 1.28	\$ 2,909.44	0	\$ -	2,273.00	\$ 2,909.44	0.00	\$ -	-
4. Backfill Curb	LF	2,273	\$ 0.85	\$ 1,932.05	0	\$ -	2,273.00	\$ 1,932.05	0.00	\$ -	-
5. Concrete Sidewalk & Apron	SF	9,950	\$ 7.00	\$ 69,650.00	0	\$ -	9,950.00	\$ 69,650.00	0.00	\$ -	-
6. Curb Ramps	EA	5	\$ 1,200.00	\$ 6,000.00	0	\$ -	5.00	\$ 6,000.00	0.00	\$ -	-



ESCROW STATUS REPORT

<u>SUMMARY OF ESCROW ACCOUNT</u>			
PROJECT NAME:	Maple Brook Estates - LD/S #664OHB	TOTAL CONSTRUCTION:	\$ 926,059.68
PROJECT NO.:	2011-12033	TOTAL CONSTRUCTION CONTINGENCY:	\$ 92,605.97
PROJECT OWNER:	Lennar	TOTAL ESCROW POSTED:	\$ 1,018,665.65
MUNICIPALITY:	Montgomery Township	TOTAL ENG/INSP/LEGAL (CASH ACCOUNT):	\$ 45,000.00
ESCROW AGENT:	Lexon Insurance Company	TOTAL ADMINISTRATION (CASH ACCOUNT):	\$ 5,000.00
TYPE OF SECURITY:	Performance Bond No. 1096854		
AGREEMENT DATE:	8-Oct-2013		
		RELEASE NO.:	6
		RELEASE DATE:	8-Feb-2018
		ORIGINAL ESCROW AMOUNT:	\$ 1,018,665.65
		AMOUNT OF THIS RELEASE:	\$ 101,141.95
		PRIOR ESCROW RELEASED:	\$ 867,516.48
		TOTAL ESCROW RELEASED TO DATE:	\$ 968,658.43
		BALANCE AFTER CURRENT RELEASE:	\$ 50,007.22

ESCROW TABULATION					CURRENT RELEASE		RELEASED TO DATE		AVAILABLE FOR RELEASE		RELEASE REQ # 1
CONSTRUCTION ITEMS	UNITS	QUANTITY	UNIT PRICE	TOTAL AMOUNT	QUANTITY	TOTAL AMOUNT	QUANTITY	TOTAL AMOUNT	QUANTITY	TOTAL AMOUNT	QUANTITY
VII. PAVING											
1. Interior											
A. Fine Grading	SY	4,700	\$ 0.68	\$ 3,196.00	0	\$ -	4,700	\$ 3,196.00	0.00	\$ -	-
B. 3" Modified Stone Base	SY	4,700	\$ 5.95	\$ 27,965.00	0	\$ -	4,700	\$ 27,965.00	0.00	\$ -	-
C. 5" HMA Base Course	SY	4,700	\$ 15.30	\$ 71,910.00	0	\$ -	4,700	\$ 71,910.00	0.00	\$ -	-
D. 1-1/2" HMA Wearing Course	SY	4,700	\$ 6.80	\$ 31,960.00	0	\$ -	4,700	\$ 31,960.00	0.00	\$ -	-
E. Curb & Joint Seal	LF	2,470	\$ 0.30	\$ 741.00	0	\$ -	2,470	\$ 741.00	0.00	\$ -	-
VIII. TRAFFIC CONTROL											
1. 4" Striping (Interior)	LF	300	\$ 1.57	\$ 471.00	0	\$ -	300	\$ 471.00	0.00	\$ -	-
2. Traffic Signs	EA	9	\$ 212.50	\$ 1,912.50	0	\$ -	9	\$ 1,912.50	0.00	\$ -	-
3. Striping (Exterior)	LS	1	\$ 9,000.00	\$ 9,000.00	0	\$ -	1	\$ 9,000.00	0.00	\$ -	-
IX. LIGHTING											
1. Site Lighting	LS	1	\$ 32,930.00	\$ 32,930.00	1	\$ 32,930.00	1	\$ 32,930.00	0.00	\$ -	-
X. LANDSCAPING											
<u>Shade Trees</u>											
1. Red Sunset Red Maple, 3" Cal.	EA	29	\$ 375.00	\$ 10,875.00	0	\$ -	29	\$ 10,875.00	0.00	\$ -	-
2. Sugar Maple, 3" Cal.	EA	32	\$ 375.00	\$ 12,000.00	0	\$ -	32	\$ 12,000.00	0.00	\$ -	-
3. Thornless Honeylocust, 3" Cal.	EA	28	\$ 375.00	\$ 10,500.00	0	\$ -	28	\$ 10,500.00	0.00	\$ -	-
4. Roundleaf Sweetgum, 3" Cal.	EA	18	\$ 375.00	\$ 6,750.00	0	\$ -	18	\$ 6,750.00	0.00	\$ -	-
5. Pin Oak, 3" Cal.	EA	17	\$ 375.00	\$ 6,375.00	0	\$ -	17	\$ 6,375.00	0.00	\$ -	-
6. Red Oak, 3" Cal.	EA	12	\$ 375.00	\$ 4,500.00	0	\$ -	12	\$ 4,500.00	0.00	\$ -	-
7. Greenspire Littleleaf Linden, 3" Cal.	EA	20	\$ 375.00	\$ 7,500.00	0	\$ -	20	\$ 7,500.00	0.00	\$ -	-
8. London Planetree, 3" Cal.	EA	34	\$ 375.00	\$ 12,750.00	0	\$ -	34	\$ 12,750.00	0.00	\$ -	-
<u>Evergreen Trees</u>											
9. Douglas Fir, 8' Min.	EA	31	\$ 275.00	\$ 8,525.00	0	\$ -	31	\$ 8,525.00	0.00	\$ -	-
10. Eastern White Pine, 8' Min.	EA	22	\$ 250.00	\$ 5,500.00	0	\$ -	22	\$ 5,500.00	0.00	\$ -	-
11. Green Giant Arborvitae, 8' Min.	EA	12	\$ 275.00	\$ 3,300.00	0	\$ -	12	\$ 3,300.00	0.00	\$ -	-



ESCROW STATUS REPORT

SUMMARY OF ESCROW ACCOUNT

PROJECT NAME: Maple Brook Estates - LD/S #664OHB	TOTAL CONSTRUCTION: \$ 926,059.68	ORIGINAL ESCROW AMOUNT: \$ 1,018,665.65
PROJECT NO.: 2011-12033	TOTAL CONSTRUCTION CONTINGENCY: \$ 92,605.97	
PROJECT OWNER: Lennar	TOTAL ESCROW POSTED: \$ 1,018,665.65	AMOUNT OF THIS RELEASE: \$ 101,141.95
MUNICIPALITY: Montgomery Township	TOTAL ENG/INSP/LEGAL (CASH ACCOUNT): \$ 45,000.00	PRIOR ESCROW RELEASED: \$ 867,516.48
ESCROW AGENT: Lexon Insurance Company	TOTAL ADMINISTRATION (CASH ACCOUNT): \$ 5,000.00	TOTAL ESCROW RELEASED TO DATE: \$ 968,658.43
TYPE OF SECURITY: Performance Bond No. 1096854		BALANCE AFTER CURRENT RELEASE: \$ 50,007.22
AGREEMENT DATE: 8-Oct-2013	RELEASE NO.: 6	
	RELEASE DATE: 8-Feb-2018	

ESCROW TABULATION					CURRENT RELEASE		RELEASED TO DATE		AVAILABLE FOR RELEASE		RELEASE REQ # 1
CONSTRUCTION ITEMS	UNITS	QUANTITY	UNIT	TOTAL	TOTAL		TOTAL		TOTAL		QUANTITY
			PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	
XI. LANDSCAPING (con't)											
<i>Shrubs</i>											
12. Red Chokeberry, 24" Min.	EA	34	\$ 65.00	\$ 2,210.00	0	\$ -	34.00	\$ 2,210.00	0.00	\$ -	
13. Red Osier Dogwood, 24" Min.	EA	26	\$ 65.00	\$ 1,690.00	0	\$ -	26.00	\$ 1,690.00	0.00	\$ -	
14. Inkberry, 18" Min.	EA	28	\$ 65.00	\$ 1,820.00	0	\$ -	28.00	\$ 1,820.00	0.00	\$ -	
15. Winterberry, 24" Min.	EA	26	\$ 65.00	\$ 1,690.00	0	\$ -	26.00	\$ 1,690.00	0.00	\$ -	
16. Northern Bayberry, 24" Min.	EA	60	\$ 65.00	\$ 3,900.00	0	\$ -	60.00	\$ 3,900.00	0.00	\$ -	
17. Arrowwood Viburnum, 24" Min.	EA	51	\$ 65.00	\$ 3,315.00	0	\$ -	51.00	\$ 3,315.00	0.00	\$ -	
18. Leatherleaf Viburnum, 24" Min.	EA	39	\$ 65.00	\$ 2,535.00	0	\$ -	39.00	\$ 2,535.00	0.00	\$ -	
XII. MISCELLANEOUS											
1. Construction Stakeout	LS	1	\$ 30,000.00	\$ 30,000.00	0	\$ -	1.00	\$ 30,000.00	0.00	\$ -	
2. As-Built Surveys & Plans	LS	1	\$ 8,000.00	\$ 8,000.00	1	\$ 8,000.00	1.00	\$ 8,000.00	0.00	\$ -	
3. Monumentation	EA	71	\$ 200.00	\$ 14,200.00	71	\$ 14,200.00	71.00	\$ 14,200.00	0.00	\$ -	
4. Lot Pins	EA	30	\$ 75.00	\$ 2,250.00	30	\$ 2,250.00	30.00	\$ 2,250.00	0.00	\$ -	
XIII. LOWER STATE ROAD IMPROVEMENTS											
1. Earthwork											
A. Grading	SF	18,730	\$ 0.09	\$ 1,685.70	0	\$ -	18,730.00	\$ 1,685.70	0.00	\$ -	
B. Cut	CY	490	\$ 17.00	\$ 8,330.00	0	\$ -	490.00	\$ 8,330.00	0.00	\$ -	
C. Fill	CY	140	\$ 8.50	\$ 1,190.00	0	\$ -	140.00	\$ 1,190.00	0.00	\$ -	
D. Boxout	SY	960	\$ 2.34	\$ 2,246.40	0	\$ -	960.00	\$ 2,246.40	0.00	\$ -	
E. Topsoil 6"	CY	170	\$ 6.80	\$ 1,156.00	0	\$ -	170.00	\$ 1,156.00	0.00	\$ -	
F. Rake & Seed	SF	10,000	\$ 0.09	\$ 900.00	0	\$ -	10,000.00	\$ 900.00	0.00	\$ -	
2. Storm Sewer											
A. Pipe											
1. 19" x 30" ERCP	LF	202	\$ 44.20	\$ 8,928.40	0	\$ -	202.00	\$ 8,928.40	0.00	\$ -	
B. Structures											
1. 24" DW Endwall	EA	2	\$ 2,040.00	\$ 4,080.00	0	\$ -	2.00	\$ 4,080.00	0.00	\$ -	



ESCROW STATUS REPORT

SUMMARY OF ESCROW ACCOUNT

PROJECT NAME:	Maple Brook Estates - LD/S #664OHB	TOTAL CONSTRUCTION:	\$ 926,059.68	ORIGINAL ESCROW AMOUNT:	\$ 1,018,665.65
PROJECT NO.:	2011-12033	TOTAL CONSTRUCTION CONTINGENCY:	\$ 92,605.97	AMOUNT OF THIS RELEASE:	\$ 101,141.95
PROJECT OWNER:	Lennar	TOTAL ESCROW POSTED:	\$ 1,018,665.65	PRIOR ESCROW RELEASED:	\$ 867,516.48
MUNICIPALITY:	Montgomery Township	TOTAL ENG/INSP/LEGAL (CASH ACCOUNT):	\$ 45,000.00	TOTAL ESCROW RELEASED TO DATE:	\$ 968,658.43
ESCROW AGENT:	Lexon Insurance Company	TOTAL ADMINISTRATION (CASH ACCOUNT):	\$ 5,000.00	BALANCE AFTER CURRENT RELEASE:	\$ 50,007.22
TYPE OF SECURITY:	Performance Bond No. 1096854				
AGREEMENT DATE:	8-Oct-2013				
		RELEASE NO.:	6		
		RELEASE DATE:	8-Feb-2018		

ESCROW TABULATION					CURRENT RELEASE		RELEASED TO DATE		AVAILABLE FOR RELEASE		RELEASE REQ # 1
CONSTRUCTION ITEMS	UNITS	QUANTITY	UNIT PRICE	TOTAL AMOUNT	QUANTITY	TOTAL AMOUNT	QUANTITY	TOTAL AMOUNT	QUANTITY	TOTAL AMOUNT	QUANTITY
XIV. LOWER STATE ROAD IMPROVEMENTS (con't)											
3. Paving											
A. Fine Grading	SY	960	\$ 0.85	\$ 816.00	0	\$ -	960.00	\$ 816.00	0.00	\$ -	-
B. 8" Modified Stone Base	SY	960	\$ 8.50	\$ 8,160.00	0	\$ -	960.00	\$ 8,160.00	0.00	\$ -	-
C. 8" BCBC	SY	960	\$ 30.60	\$ 29,376.00	0	\$ -	960.00	\$ 29,376.00	0.00	\$ -	-
D. 2-1/2" HMA Binder Course	SY	960	\$ 8.93	\$ 8,572.80	0	\$ -	960.00	\$ 8,572.80	0.00	\$ -	-
E. Tack & Sweep	SY	960	\$ 0.55	\$ 528.00	0	\$ -	960.00	\$ 528.00	0.00	\$ -	-
F. 1-1/2" HMA Wearing Course	SY	960	\$ 7.23	\$ 6,940.80	0	\$ -	960.00	\$ 6,940.80	0.00	\$ -	-
G. Key Cut	LF	135	\$ 1.70	\$ 229.50	0	\$ -	135.00	\$ 229.50	0.00	\$ -	-
H. Neat Cut	LF	135	\$ 1.70	\$ 229.50	0	\$ -	135.00	\$ 229.50	0.00	\$ -	-
I. Leveling	TN	1	\$ 76.50	\$ 76.50	0	\$ -	1.00	\$ 76.50	0.00	\$ -	-
J. Joint Seal	LF	135	\$ 0.30	\$ 40.50	0	\$ -	135.00	\$ 40.50	0.00	\$ -	-
K. Traffic Control	LS	1	\$ 1,275.00	\$ 1,275.00	0	\$ -	1.00	\$ 1,275.00	0.00	\$ -	-
4. Traffic Control											
A. Signage & Pavement Markings	LS	1	\$ 1,000.00	\$ 1,000.00	0	\$ -	1.00	\$ 1,000.00	0.00	\$ -	-
XV. CONTINGENCY		1	\$ 92,605.97	\$ 92,605.97	0.46	\$ 42,598.75	0.46	\$ 42,598.75	0.54	\$ 50,007.22	-

ALYSON M. ZARRO
alyson@rrhc.com
Extension: 202



RILEY RIPER HOLLIN & COLAGRECO
ATTORNEYS AT LAW

RECEIVED

JAN 11 2018

MONTGOMERY TOWNSHIP

January 9, 2018

Via Certified Mail (#7017 3040 0000 8625 1332)

Board of Supervisors
Montgomery Township
c/o Lawrence J. Gregan
Township Manager
1001 Stump Rd
Montgomeryville, PA 18936

Re: Lennar/Orleans/Maple Brook Estates

Dear Mr. Gregan:

I am writing to you on behalf of OHB Homes, Inc. ("Orleans") and U.S. Home Corporation d/b/a Lennar in connection with the Maple Brook Estates residential development ("Development"). Pursuant to Section 510(a) of the Pennsylvania Municipalities Planning Code and Section 5 of the Land Development Agreement between the Township and Orleans dated October 15, 2013, I am writing to advise you that the improvements in the Development have been completed and punch list items have been addressed. In connection with completion of the improvements, Orleans and Lennar are requesting that Performance Bond No. 1096854 issued by Lexon Insurance Company be released to Orleans.

Please feel free to contact me with questions. Thank you for your attention to this matter.

Very truly yours,



Alyson M. Zarro

AMZ/kmr

cc: Jim Dougherty, Gilmore & Associates, Township Engineer (via certified mail)
Bruce Shoupe, Planning & Zoning Director (via e-mail)
Sam Carlo, Lennar (via e-mail)
Eric Henwood, Lennar (via e-mail)
Larry Dugan, Orleans (via e-mail)

815682.1

rrhc.com
PO Box 1265 717 Constitution Drive, Suite 201 Exton, PA 19341 Phone 610.458.4400 Fax 610.458.4441



TRAFFIC PLANNING AND DESIGN, INC.

WWW.TRAFFICPD.COM

October 2, 2017

Mr. Bruce S. Shoupe – Township Director of Planning and Zoning

Montgomery Township
1001 Stump Road
Montgomeryville, PA 18936-9605

RE: Maple Brook Estates Streetlighting

Maple Brook Estates – LD/S #664
Montgomery Township, Montgomery County, PA
TPD No. MOTO.00042

Dear Bruce:

In our role as Township Traffic/Street Lighting Engineer, Traffic Planning and Design, Inc. (TPD) has completed visual lighting observations of the Maple Brook Estates streetlighting. Based on TPD's visual observations, we offer the following:

- As long as the roadways within the Maple Brook Estates Development remain private, Montgomery Township will not require the streetlights to be relocated from their installed locations.

Sincerely,

TRAFFIC PLANNING AND DESIGN, INC.
(CONSULTANT FOR MONTGOMERY TOWNSHIP)

Frank G. Falzone Jr., P.E. – Project Manager
FFalzone@TrafficPD.com

CC: Larry Gregan – Montgomery Township Manager
Kevin Costello – Montgomery Township Public Works Director
Eric J. Henwood – Lennar
Kevin L. Johnson, P.E. – TPD
Eric Hammond - TPD



Boucher & James, Inc.
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570-629-0300
Fax 570-629-0306

559 Main Street, Suite 230
Bethlehem, PA 18018
610-419-9407
Fax 610-419-9408
www.bjengineers.com

January 24, 2018

Mr. James P. Dougherty, P.E.
Gilmore & Associates, Inc.
65 E. Butler Ave. Suite 100
New Britain, PA 18901

**SUBJECT: MAPLE BROOK ESTATES (PILEGGI TRACT)
INSPECTION FOR RELEASE OF PERFORMANCE BOND
TOWNSHIP LD/S NO. 664
PROJECT NO. 1255265R**

Dear Mr. Dougherty:

Please be advised that on January 19, 2018, I conducted an inspection of landscaping installed at Maple Brook Estates to determine the acceptability of plant material for release of the associated Performance Bond, as requested by the Solicitor for OHB Homes, Inc. in the attached letter dated January 9, 2018. The inspection was conducted in accordance with the approved plans, prepared by Charles E. Shoemaker, Inc. and InFocus Planning, Dated November 30, 2012 and last revised May 21, 2013.

The following landscape material has been found to be **UNACCEPTABLE** for the release of the associated Performance Bond, and should be removed and replaced in accordance with the approved landscape plans:

- A. One (1) Sycamore street tree in front of 110 Birch Court has a cut leader. The tree must be removed and replaced in accordance with the approved plans.
- B. Two (2) Douglas Fir trees planted along Lower State Road are dead and must be replaced.
- C. One (1) White Pine tree planted along Lower State Road is dead and must be replaced.
- D. One (1) Arborvitae adjacent the smaller stormwater management basin is dead and must be replaced.

The issues presented in this letter should be addressed and an additional inspection scheduled. Please do not hesitate to contact me if you have any questions or require further information.

Sincerely,

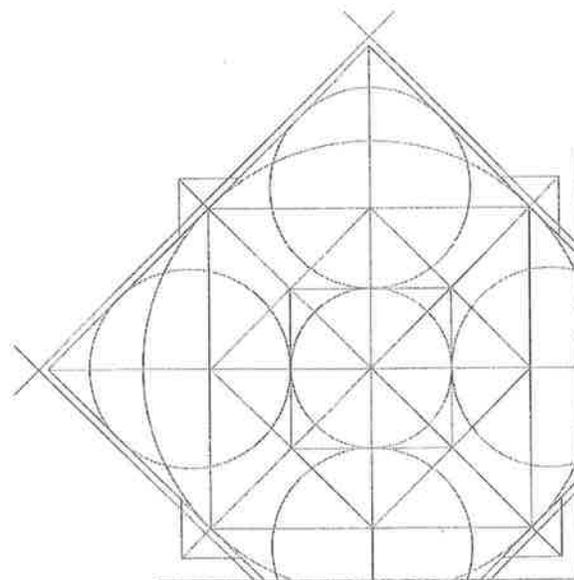
Valerie L. Liggett, ASLA, R.L.A.
ISA Certified Arborist®
Planner/Landscape Architect

VLL/kam

Enclosure(s)

ec: Board of Supervisors
Lawrence Gregan, Township Manager
Bruce Shoupe, Director of Planning and Zoning
Marianne McConnell, Deputy Zoning Officer
Eric J. Henwood, Lennar
Scott Consoli, Realty Landscaping Corp.

P:\2012\1255265R\Documents\Correspondence\Letter.To.JDougherty.SOM04.doc



ALYSON M. ZARRO
alyson@rrhc.com
Extension: 202



RILEY RIPER HOLLIN & COLAGRECO
ATTORNEYS AT LAW

January 9, 2018

Via Certified Mail (#7017 3040 0000 8625 1332)

Board of Supervisors
Montgomery Township
c/o Lawrence J. Gregan
Township Manager
1001 Stump Rd
Montgomeryville, PA 18936

Re: Lennar/Orleans/Maple Brook Estates

Dear Mr. Gregan:

I am writing to you on behalf of OHB Homes, Inc. ("Orleans") and U.S. Home Corporation d/b/a Lennar in connection with the Maple Brook Estates residential development ("Development"). Pursuant to Section 510(a) of the Pennsylvania Municipalities Planning Code and Section 5 of the Land Development Agreement between the Township and Orleans dated October 15, 2013, I am writing to advise you that the improvements in the Development have been completed and punch list items have been addressed. In connection with completion of the improvements, Orleans and Lennar are requesting that Performance Bond No. 1096854 issued by Lexon Insurance Company be released to Orleans.

Please feel free to contact me with questions. Thank you for your attention to this matter.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'Alyson M. Zarro', is written over a faint, larger version of the same signature.

Alyson M. Zarro

AMZ/kmr

cc: Jim Dougherty, Gilmore & Associates, Township Engineer (via certified mail)
Bruce Shoupe, Planning & Zoning Director (via e-mail)
Sam Carlo, Lennar (via e-mail)
Eric Henwood, Lennar (via e-mail)
Larry Dugan, Orleans (via e-mail)

815682.1



February 7, 2018

File No. 2011-12033

Bruce S. Shoupe, Director of Planning and Zoning
Montgomery Township
1001 Stump Road
Montgomeryville, PA 18936-9605

Reference: Maple Brook Estates – LD/S #664
Site As-Built Review #2

Dear Bruce:

Pursuant to your request, Gilmore & Associates, Inc. has reviewed the As-Constructed Utility Record Plan of Maple Brook Estates, prepared by Carroll Engineering Corporation (10 sheets), dated August 16, 2016, last revised July 12, 2017. The plans have been revised and adequately address our previous comments. We defer review of the as-built water and sanitary sewer systems to the water and sewer authorities, respectively. We also defer review of features within the state right-of-way to PennDOT.

If you have any questions regarding the above, please contact this office.

Sincerely,

A handwritten signature in cursive script that reads 'James P. Dougherty'.

James P. Dougherty, P.E.
Senior Project Manager
Gilmore & Associates, Inc.

JPD/

cc: Marianne McConnell, Deputy Zoning Officer – Montgomery Township
Eric Henwood, Lennar Corporation
Brian Dusault, Construction Services Manager – Gilmore & Associates, Inc.

MOTION/RESOLUTION:

BE IT RESOLVED by the Board of Supervisors of Montgomery Township that we hereby approve the 2018 Spring/Summer Recreation and Fitness Programs as well as the Fee Schedule amendment as submitted.

MOTION: _____ SECOND: _____

ROLL CALL:

Tanya C. Bamford	Aye	Opposed	Abstain	Absent
Michael J. Fox	Aye	Opposed	Abstain	Absent
Jeffrey W. McDonnell	Aye	Opposed	Abstain	Absent
Matthew W. Quigg	Aye	Opposed	Abstain	Absent
Candyce Fluehr Chimera	Aye	Opposed	Abstain	Absent

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

2018
Spring/Summer Program Fee Schedule

<u>Type of Program</u>	<u>Program/Class</u>	<u>Program Fees (charged to participant)</u>
<u>PRESCHOOL</u>		
	Tiny Tykes Gym	Members: Included in Membership; Non-Members: \$5 drop in
	Musical Munchkins	Members: Included in Membership; Non-Members: \$5 drop in
	Jump Start - T-Ball	Members: \$75 per session; Non-Members: \$85 per session
	Jump Start - Soccer	Members: \$75 per session; Non-Members: \$85 per session
	Mommy & Me Spray Park Workout	Members: \$40; Non-Members: \$50
<u>YOUTH/TEEN</u>		
	Annual Youth Summer Basketball Program	Members: \$59; Non-Members \$69
	Arena Flag Football	Members: \$59; Non-Members \$69
	Young Rembrandts - Elementary Drawing	Members: \$65 each session; Non-Members \$75 each session
	Young Rembrandts - Cartooning	Members: \$65 each session; Non-Members \$75 each session
	Animation for Beginners	Members: \$12; Non-Members: \$20
	Teddy Bear Tea	Members: \$30 each pair (parent & child); Non-Members: \$35 each pair
	Daddy/Daughter Workshop	Members: \$10 (parent & child); Non-Member: \$15 (parent & child)
	"Fun"damental Tennis	Members: \$75 each session; Non-Members: \$85 each session
<u>RECREATION PROGRAMS</u>		
	French For Travelers	Members: \$35; Non-Members: \$45
	French For Travelers 2	Members: \$25; Non-Members: \$35
	Kitchen Wizards - Using an Air Fryer	Members: \$30; Non-Members: \$40
	Badminton For Fun	Members: Included in Membership; Non-Members: \$5 drop in
	Pickle Ball	Members: Included in Membership; Non-Members: \$7 drop in
<u>SPECIALTY CAMPS</u>		
	Kitchen Wizards - Little Chefs/Beginning Cooking	Members: \$135; Non-Members: \$145
	Kitchen Wizards - Cooking Around the USA	Members: \$135; Non-Members: \$145
	Bricks 4 Kidz - Bat League: Heroes & Villains	Members: \$115; Non-Members: \$125
	Bricks 4 Kidz - Brick Explorer Quest	Members: \$115; Non-Members: \$125
	Mad Science - Radical Reactions & Detective Scienc	Members: \$125; Non-Members: \$145
	Mad Science - Red Hot Robots	Members: \$145; Non-Members: \$155
	Young Rembrandts - Jr. Down on the Farm	Members: \$95; Non-Members: \$105

MONTGOMERY TOWNSHIP BOARD OF SUPERVISORS
BOARD ACTION SUMMARY

SUBJECT: Consider Payment of Bills

MEETING DATE: February 26, 2018

ITEM NUMBER: #18.

MEETING/AGENDA: WORK SESSION ACTION XX NONE

REASON FOR CONSIDERATION: Operational: XX Information: Discussion: Policy:

INITIATED BY: Lawrence J. Gregan
Township Manager

BOARD LIAISON: Candyce Fluehr Chimera,
Chairman of the Board of Supervisors

BACKGROUND:

Please find attached a list of bills for your review.

ZONING, SUBDIVISION OR LAND DEVELOPMENT IMPACT:

None.

PREVIOUS BOARD ACTION:

None.

ALTERNATIVES/OPTIONS:

None.

BUDGET IMPACT:

None.

RECOMMENDATION:

Approval all bills as presented.

MOTION/RESOLUTION:

None.

DISTRIBUTION: Board of Supervisors, Frank R. Bartle, Esq.

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 01 UNIVEST CHECKING					
02/12/2018	01	70808	100000225	MCATO	75.00
02/23/2018	01	70809	100000107	4IMPRINT, INC.	264.40
02/23/2018	01	70810	00000842	911 SAFETY EQUIPMENT	343.00
02/23/2018	01	70811	00000006	ACME UNIFORMS FOR INDUSTRY	880.95
02/23/2018	01	70812	MISC-FIRE	ADAM MORROW	175.00
02/23/2018	01	70813	00000340	ADVENT SECURITY CORPORATION	114.00
02/23/2018	01	70814	LST00029	AIRGAS SPECIALTY GASES	216.91
02/23/2018	01	70815	MISC-FIRE	ALEXANDER J DEANGELIS	30.00
02/23/2018	01	70816	100000633	AMANDA BREEN	40.00
02/23/2018	01	70817	100000630	AMANDA ENTENBERG	210.00
02/23/2018	01	70818	MISC-FIRE	ANDREW WEINER	60.00
02/23/2018	01	70819	00906105	BATTERIES & BULBS	243.03
02/23/2018	01	70820	00000999	BCG-BENEFIT CONSULTANTS GROUP	1,796.75
02/23/2018	01	70821	00000043	BERGEY'S	117.96
02/23/2018	01	70822	MISC-FIRE	BILL WIEGMAN	120.00
02/23/2018	01	70823	100000625	BOYD INSTRUMENT & SUPPLY CO, INC.	877.72
02/23/2018	01	70824	03214625	BUX-MONT AWARDS & ENGRAVING	258.04
02/23/2018	01	70825	100000405	C.E.S.	943.72
02/23/2018	01	70826	100000319	CANDORIS	21,562.26
02/23/2018	01	70827	MISC-FIRE	CARL HERR	30.00
02/23/2018	01	70828	00000295	CAROUSEL INDUSTRIES OF N. AMERICA	80.52
02/23/2018	01	70829	00001601	CDW GOVERNMENT, INC.	3,565.00
02/23/2018	01	70830	00001601	CDW GOVERNMENT, INC.	11,132.32
02/23/2018	01	70831	100000624	CHRISTOPHER RYAN	150.00
02/23/2018	01	70832	00000363	COMCAST	700.45
02/23/2018	01	70833	00000335	COMCAST CORPORATION	2,036.05
02/23/2018	01	70834	00000602	CONRAD SIEGEL	1,120.00
02/23/2018	01	70835	00001891	CREATIVE PRODUCT SOURCING, INC.	2,634.69
02/23/2018	01	70836	100000084	DAVID FULTON	240.20
02/23/2018	01	70837	MISC-FIRE	DAVID P BENNETT	30.00
02/23/2018	01	70838	00000629	DAVIDHEISER'S INC.	69.95
02/23/2018	01	70839	00000208	DELL MARKETING L.P.	873.56
02/23/2018	01	70840	100000627	DEREK OH	400.00
02/23/2018	01	70841	00001172	DETLAN EQUIPMENT, INC.	19.14
02/23/2018	01	70842	00000125	DISCHELL, BARTLE DOOLEY	11,148.50
02/23/2018	01	70843	00000125	VOID	0.00
02/23/2018	01	70844	100000213	DOG TOWN	364.95
02/23/2018	01	70845	00000152	ECKERT SEAMANS CHERIN &	8,662.50
02/23/2018	01	70846	100000605	EZ CHILD ID INC.	3,898.00
02/23/2018	01	70847	00000169	FEDEX	288.75
02/23/2018	01	70848	00001466	FEDEX OFFICE	6.00
02/23/2018	01	70849	00002052	FOREMOST PROMOTIONS	579.34
02/23/2018	01	70850	100000408	FSSOLUTIONS	124.60
02/23/2018	01	70851	00001852	G.L. SAYRE, INC.	94.34
02/23/2018	01	70852	00000817	GILMORE & ASSOCIATES, INC.	21,043.26
02/23/2018	01	70853	00000817	VOID	0.00
02/23/2018	01	70854	00000198	GLASGOW, INC.	16.30
02/23/2018	01	70855	00001323	GLICK FIRE EQUIPMENT COMPANY INC	852.01
02/23/2018	01	70856	00001709	GOULDEY WELDING & FABRICATIONS, INC	58.50
02/23/2018	01	70857	MISC	HIGHER ROCK PARTNERS,LP	4,919.08
02/23/2018	01	70858	00000903	HOME DEPOT CREDIT SERVICES	126.33
02/23/2018	01	70859	00441122	HORSHAM CAR WASH	96.00
02/23/2018	01	70860	00002072	IAAI	125.00
02/23/2018	01	70861	00000829	IMSA - INTERNATIONAL MUNICIPAL	270.00
02/23/2018	01	70862	100000343	INTERNATIONAL CODE COUNCIL, INC.	135.00
02/23/2018	01	70863	00000102	INTERSTATE BATTERY SYSTEMS OF	115.95
02/23/2018	01	70864	MISC-FIRE	JAKE WELTMAN	30.00
02/23/2018	01	70865	MISC-FIRE	JON WASHINGTON	60.00
02/23/2018	01	70866	100000626	JUDY SEIDEL	175.00
02/23/2018	01	70867	MISC-FIRE	KEITH A MILLER	120.00
02/23/2018	01	70868	00000574	KEVIN CARNEY	35.94
02/23/2018	01	70869	100000629	KEVIN WILLIAMS	350.00
02/23/2018	01	70870	03214591	KIMBALL MIDWEST	375.73
02/23/2018	01	70871	00000271	LANSDALE CHRYSLER PLYMOUTH INC.	59.40
02/23/2018	01	70872	00001065	MAILLIE LLP	3,900.00
02/23/2018	01	70873	00001065	MAILLIE LLP	1,400.00
02/23/2018	01	70874	00000055	MARK MANJARDI	249.75
02/23/2018	01	70875	MISC-FIRE	MARY NEWELL	160.00
02/23/2018	01	70876	00000974	MCCARTHY AND COMPANY, PC	1,696.25
02/23/2018	01	70877	MISC-FIRE	MICHAEL D. SHINTON	30.00
02/23/2018	01	70878	MISC-FIRE	MICHAEL SHEARER	60.00
02/23/2018	01	70879	00905057	MICROSOFT CORPORATION	2,982.12

Check Date	Bank	Check	Vendor	Vendor Name	Amount
02/23/2018	01	70880	MISC-FIRE	MIKE BEAN	30.00
02/23/2018	01	70881	100000188	MJ EARL	184.40
02/23/2018	01	70882	00000326	MONTGOMERY COUNTY	47.52
02/23/2018	01	70883	00000659	MONTGOMERY COUNTY	60.00
02/23/2018	01	70884	100000586	MONTGOMERY COUNTY TREASURER	30.00
02/23/2018	01	70885	1264	MORGAN STANLEY SMITH BARNEY INC	3,850.00
02/23/2018	01	70886	00002073	MORTON SALT INC	6,814.03
02/23/2018	01	70887	00000324	MOYER INDOOR / OUTDOOR	293.00
02/23/2018	01	70888	00002077	MSWAT-CR	2,500.00
02/23/2018	01	70889	00000540	MYSTIC PIZZA	178.00
02/23/2018	01	70890	00000356	NORTH WALES WATER AUTHORITY	81.84
02/23/2018	01	70891	100000039	PA TURNPIKE TOLL BY PLATE	6.75
02/23/2018	01	70892	00000379	PAUL B. MOYER & SONS, INC.	98.51
02/23/2018	01	70893	MISC-FIRE	PAUL R. MOGENSEN	60.00
02/23/2018	01	70894	00000397	PECO ENERGY	12,780.19
02/23/2018	01	70895	00000399	PECO ENERGY	15,694.66
02/23/2018	01	70896	00000595	PENN VALLEY CHEMICAL COMPANY	257.40
02/23/2018	01	70897	00000388	PENNSYLVANIA ONE CALL SYSTEM, INC.	150.55
02/23/2018	01	70898	00000009	PETTY CASH	417.49
02/23/2018	01	70899	00000446	PHISCON ENTERPRISES, INC.	300.00
02/23/2018	01	70900	MISC-FIRE	RACHEL GIBSON	60.00
02/23/2018	01	70901	00906102	READY REFRESH	264.38
02/23/2018	01	70902	00000228	REGAL CINEMEDIA CORP	860.00
02/23/2018	01	70903	00000117	RIGGINS INC	1,743.70
02/23/2018	01	70904	00000115	RIGGINS, INC	2,375.05
02/23/2018	01	70905	00002013	RR DONNELLEY	932.50
02/23/2018	01	70906	MISC-FIRE	RYAN CROUTHAMEL	30.00
02/23/2018	01	70907	MISC-FIRE	RYAN RUDELL	15.00
02/23/2018	01	70908	00000969	SAFETY-KLEEN SYSTEMS, INC.	1,153.44
02/23/2018	01	70909	MISC	SAL FERRINO & SON	31.22
02/23/2018	01	70910	00000653	SCATTON'S HEATING & COOLING, INC.	143.00
02/23/2018	01	70911	100000631	SERAP SMITH	80.00
02/23/2018	01	70912	100000610	SHOP ANATOMICAL, INC	415.77
02/23/2018	01	70913	00001030	SIGNAL CONTROL PRODUCTS, INC.	250.00
02/23/2018	01	70914	100000411	SPENCER D. BORINE	140.00
02/23/2018	01	70915	00000015	SPRINT	451.61
02/23/2018	01	70916	00001394	STANDARD INSURANCE COMPANY	7,598.79
02/23/2018	01	70917	00001847	STAPLES CONTRACT & COMMERCIAL, INC.	674.87
02/23/2018	01	70918	MISC-FIRE	STEVE SPLENDIDO	30.00
02/23/2018	01	70919	100000623	SUE ANN CHAMPION	200.00
02/23/2018	01	70920	00000485	SYRENA COLLISION CENTER, INC.	1,738.16
02/23/2018	01	70921	00906134	TASER INTERNATIONAL	2,861.89
02/23/2018	01	70922	00001783	THE HOMER GROUP	5,507.00
02/23/2018	01	70923	00002020	THOMSON REUTERS	47.42
02/23/2018	01	70924	MISC-FIRE	TOM HUGUENIN	30.00
02/23/2018	01	70925	MISC-FIRE	TREVOR DALTON	30.00
02/23/2018	01	70926	999999999	UNITED STATES POSTAL SERVICE	2,570.87
02/23/2018	01	70927	00000520	VALLEY POWER, INC.	1,948.00
02/23/2018	01	70928	00000040	VERIZON	139.99
02/23/2018	01	70929	00000040	VERIZON	109.54
02/23/2018	01	70930	00000040	VERIZON	40.98
02/23/2018	01	70931	00000040	VERIZON	180.80
02/23/2018	01	70932	MISC-FIRE	VINAY SETTY	90.00
02/23/2018	01	70933	MISC-FIRE	VINCE ZIRPOLI	90.00
02/23/2018	01	70934	00001329	WELDON AUTO PARTS	80.30
02/23/2018	01	70935	00001084	WITMER ASSOCIATES, INC.	1,892.72
02/23/2018	01	70936	100000229	YOUNG REMBRANDTS BUXMOUNT - PA	900.00

01 TOTALS:

(2 Checks Voided)

Total of 127 Disbursements:

195,560.56

02/23/2018

Check List
For Check Dates 02/13/2018 to 02/26/2018

Check Date	Name	Amount		
02/14/2018	STATE OF PA	State Tax Payment	\$	8,215.58
02/22/2018	BCG 401	401 Payment	\$	16,093.93
02/22/2018	BCG 457	457 Payment	\$	10,358.01
02/22/2018	PA SCDU	Withholding Payment	\$	1,011.52
02/22/2018	UNITED STATES TREASURY	941 Tax Payment	\$	72,917.27
Total Checks: 5			\$	108,596.31