# UPPER MORELAND TOWNSHIP
## Community Development Committee Meeting
## September 21, 2020 at 7:00 p.m.

*AGENDA ITEMS ARE SUBJECT TO CHANGE*

***INSTRUCTIONS TO JOIN:***

**Go to Zoom.us.** Click "Join a Meeting" Webinar ID: 975 3201 0616 Password: 349167

**Join by Phone:** Dial 1-929-205-6099 Webinar ID: 975 3201 0616 Password: 349167

***SUBMIT COMMENTS/QUESTIONS:***

E-mail in advance or during the meeting to: **comments@uppermoreland.org**
Call in advance during normal business hours to 215-659-3100 x1058 or x1057

***Residents requiring special accommodations, please call the Township during normal business hours***

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**Community Development Committee Members**: Commissioner and Committee Chair Joseph A. Lavalle; Commissioner Kevin Spearing and Commissioner Kip McFatridge; Township Staff Committee Members: Paul E. Purtell, Director of Code Enforcement and David Elsier, Director of Public Works.

**I. Moment of Silent Meditation**

**II. Pledge of Allegiance**

**III. Call to Order**

**IV. Announcements**

**V. Roll Call**

**VI. Approval of Minutes** – August 10, 2020 (attachment)

**VII. Old Business:**

A. Wayfinding & Signage recommendations provided by the Wayfinding & Signage Steering Committee (attachment).
B. Traffic Signal Bid Results – 2018 ARLE Grant for Traffic Signal Improvements at Blair Mill Road and Horsham Road (attachments).

**VIII. Land Development/Subdivision**

**IX. New Business**

**X. Presentations**

**XI. Acceptance and Approval of the following monthly reports for August** (attachments)**:**

A. Code Enforcement Department Reports
B. Public Works Department Report and Recycling Report
C. Engineer's Report
D. Landscape Architect's Report
E. Traffic Engineer's Report
F. Upper Moreland School District – Construction/Other Items

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G. Horsham Land Redevelopment Authority {HLRA} – to monitor status of redevelopment of former Willow Grove Naval Air Station property
H. Environmental Advisory Council {EAC}
I. Pennsylvania Review Advisory Council
J. Upper Moreland Historical Commission

**XII. Other Items:**

A. Discussion led by Jim Hersh, Township Engineer, on Maryland Road Culvert - Assessment & Repair Options (attachments).
B. Pennsylvania Department of Transportation's 5-year Municipal Winter Service Agreement (attachment).

**XIII. Redevelopment**

**XIV. Visitor Comments**

**XV. Commissioner Comments**

**XVI. Adjournment**

**Community Development Committee Members** - Commissioner and Chair Joseph A. Lavalle; Commissioners Kip McFatridge and Kevin Spearing; Paul E. Purtell, Director of Code Enforcement; David Elsier, Director of Public Works

I. **Moment of Silent Meditation:**

II. **Pledge of Allegiance**

III. **Call to Order** - The meeting was called to order by Commissioner Spearing in an effort to start the meeting on time while allowing Commissioner and Committee Chair Joseph A. Lavalle time to resolve technical issues.

IV. **Presentations/Announcements:**

- Commissioner Spearing stated that the Board of Commissioners held an Executive Session prior to the start of tonight's Committee meeting to discuss legal and personnel matters.

V. **Roll Call:** Commissioner and Committee Chair Lavalle. Commissioners Spearing and McFatridge; Mr. Elsier and Mr. Purtell. Also, present: Matthew H. Candland; Township Manager; James Hersh, Township Engineer; Alex Baumler, Township Solicitor.

VI. **Approval of Minutes** – July 13, 2020: The meeting minutes were unanimously approved as submitted.

VII. **Old Business:**

A. ***Land Development Resubmission for property located at 551 N. York Road (Fairhill Commons)***:

- Michael Yanoff, Goldstein Law Partners, stated that zoning appeals were withdrawn and he discussed language regarding student housing versus non-student housing use of the property on York Road.
- Mr. Baumler clarified that the language allows for flexibility with use of the property.
- Brian Focht, C2C Design Group, reviewed their revised waiver letter.
- Gregg Bogia, Bogia Engineering Inc., reviewed their responses to letters received from Horner and Cantor Associates and Green Willow Run.
- Vicki Kushto, Clemens Richter and Reiss, P.C., read comments on behalf of Green Willow Run concerning a second access on Fairhill Road, traffic delays, traffic impact study review, Fire Marshall's review, traffic accessing driveways, use of the property, SALDO requirements, and PennDOT review.
- Commissioner Lavalle suggested and the applicant agreed that the PennDOT Highway Occupancy Permit (HOP) application be made available for public review.

- The Committee recommends the Board of Commissioners take action at their Regular Meeting on September 14, 2020.

VIII. **Land Development/Subdivision:**

A. ***Land Development request by JJLH-WR, LLC for property located at 2255 Wyandotte Road:***

- Commissioner Lavalle stated that the waiver request letter was not received by the Committee and directed the applicant to provide the waiver requests for a future Committee meeting.
- Gavin Lebowski, Labowski Law, explained the project and use of the proposed building for detailing and storage of vehicles.

- Commissioners Whiting and McFatridge discussed emergency access to the area while delivery trucks are parked along the dealership.
- Richard Stoneback, Charles E. Shoemaker, Inc., discussed non-compliant waiver items in the review letters provided by Gilmore & Associates and McCloskey & Faber, with no objections from the applicant.
- Commissioner Spearing commented about the easement for sanitary and public water with regard to emergency access. Mr. Lebowski stated that the applicant is committed to provide an easement on the property to accommodate water and sewer.
- Commissioner Spearing and Mr. Stoneback discussed the easement along the Turnpike designated for parking.
- Commissioner Lavalle and Mr. Stoneback reviewed the stormwater management at the site.
- Mr. Hersh, Gilmore & Associates, stated that revised plans for stormwater requirements would meet compliance issues.
- Commissioner Spearing inquired on the ownership of a pipe on the property line. Mr. Stoneback replied that the pipe will be clarified.
- Commissioner Lavalle requested that the applicant provide the waiver letter, include wayfinding signage on the site for the Township, and directed the Solicitor to prepare the appropriate decision or resolution.
- Commissioner McFatridge and Mr. Purtell suggested that the Board of Commissioners move for action at the September 14, 2020 Regular Meeting, conditioned upon receipt of an outline of waiver requests, which the Township concurs with the applicant.

• The Committee recommends the Board of Commissioners take action at their Regular Meeting on September 14, 2020.

IX. **New Business** - Nothing to report.

X. **Presentations** - Nothing to report.

XI. **Acceptance and Approval of the following monthly reports for July:**

A. Code Enforcement Department Reports
- Commissioner McFatridge inquired about construction signs on Davisville Road. Mr. Purtell stated that the signs are "Design Build", posted by Petrucci, for a proposed age-restricted housing project, which an application is being prepared for submission of land development with an estimated start of the project for April 2021.
- Commissioner Lavalle inquired about the Department's revenue and Mr. Purtell stated that revenues are slightly down but comparatively higher than last year at this time and are doing well.

B. Public Works Department Report and Recycling Report:
- Mr. Elsier discussed Lower Moreland Township's change in services and leaving the compost facility.

C. Engineer's Report:
- Commissioner Spearing requested an update on the Fair Oaks Basin for the next Committee Meeting. Mr. Hersh replied that property lines were staked, an update on the bid will be provided, and the National Pollutant Discharge Elimination System (NPDES) water quality permit is awaiting approval.
- Commissioner Lavalle requested an updated set of drawings from Mr. Hersh.

D. Landscape Architect's Report:
- Commissioner Lavalle reviewed items in the report.

E. Traffic Engineer's Report - Mr. Candland discussed:
   - Improvements and easements at Davisville Road and Byberry Road are progressing toward completion.
   - The Montgomery County Transportation Program grant application was submitted and a letter of support was received from Horsham Township.

F. Upper Moreland School District – Construction/Other Items - Nothing to report.

G. Horsham Land Redevelopment Authority {HLRA} – to monitor status of redevelopment of former Willow Grove Naval Air Station property - Nothing to report.

H. Environmental Advisory Council {EAC} - Mr. Elsier reviewed updates in the absence of Dr. Lynnette Saunders, Chair.
   - On September 5, 2020 from 10:30 a.m. to 1 p.m., an information table will be available at Masons Mill Park covering topics on stormwater, rain gardens, native plants, Bird Towns and other items. Copies of the book, Nature's Best Hope by Doug Tallamy will also be given away.
   - Dr. Saunders inquired on ways to get mosquito sprayers to follow guidelines. Mr. Purtell replied that Montgomery County generally sprays once or twice a year with four to six weeks' notice, anyone who applies pesticides must have a license from the EPA, and permits are not required. Commissioner Spearing stated that there will be a follow up at a future Committee meeting.

I. Pennsylvania Review Advisory Council:
   Commissioner Lavalle stated that reports on recommendations to the legislature and Governor's office regarding adoption of 2018 ICC Codes in the Commonwealth of Pennsylvania are ongoing.

J. Upper Moreland Historical Commission - Nothing to report.

XII. **Other Items:**

A. Consider request by Beth Sheehan for waiver of double permit fees:
   - The Committee denied the request to waive double permit fees.

B. Draining issues/proposed solution for 2000 Paper Mill Road, Huntingdon Valley, PA (Paul Hoffman):
   - Mr. Candland explained that a 2-3-inch asphalt berm would be installed by the Public Works crew at the driveway entrances of Mr. Hoffman's property to improve stormwater issues. Mr. Hoffman agreed to pay for all materials and equipment and perform all maintenance. Mr. Hersh suggested that the Solicitor draft a waiver of responsibility for any damages incurred to vehicles from the work.
   - The Committee denied the proposed solution for draining issues.

XIII. **Redevelopment** - Nothing to report.

XIV. **Visitor Comments** - Nothing to report.

XV. **Commissioner Comments:**
   - Commissioner Whiting reminded all citizens to conform to requests by the CDC and Governor's office, and to wear masks and stay safe.

XVI. **Adjournment** - There being no further business to discuss, the meeting was adjourned at 10:15 p.m.

Respectfully submitted by Kathleen Kristire.

# Willow Grove Signage Location

**Town Center gateway signs at two key entrances**

1. Intersection of York Rd. and Moreland Rd.
2. Intersection of Easton Rd. Maryland Rd., adjacent to the Shell gas station

**Pedestrian directional signs and maps for 8 signs at 8 locations (in priority order)**

1. Davisville Rd. and York Rd.
2. Easton Rd. and York Rd. near Memorial Park
3. Park Ave. and Easton Rd.
4. Moreland Rd. and Center Ave.
5. Moreland Rd. and Park Ave.
6. Easton Rd. and Moreland Rd. (After Davisville Rd. but before Easton Rd.
7. Mineral Ave. and York Rd.
8. Easton Rd. and Center Ave.

**Interpretive signs to tell the story of Willow Grove for 5 locations.**

1. Mineral Springs in Memorial Park
2. Mineral Springs Hotel (Davisville Rd. and York Rd.)
3. Boarding House on Park Ave.
4. School House (Davisville Rd and Everett Ave.)
5. Willow Grove Park near Willow Grove Shopping Cent

- Town Center Gateway Signs
- Pedestrian Directional Signs
- Interpretive Signs
- Willow Grove SEPTA Regional Rail Station

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID

Worksheet

**Extended Price Analysis**

| Reference Number | Description | Type | UOM | Quantity | Extended Estimate | ARMOUR & SONS ELECTRIC, INC. | Lenni Electric Corporation | Carr & Duff Inc. | Miller Bros. | Average |
|---|---|---|---|---|---|---|---|---|---|---|
| Bid Price Ratio | | | | | | 100% | 96.66% | 90.62% | 75.99% | |
| Total Extended | | | | | | $117,527.75 | $121,577.70 | $129,682.25 | $154,658.79 | |
| Default Item Group | | | | | | $117,527.75 | $121,577.70 | $129,682.25 | $154,658.79 | |
| 0608-0001 | Mobilization | Base | LS | 1 | | $1,500.00 | $3,120.00 | $4,500.00 | $4,756.40 | $3,469.10 |
| 0901-0001 | Maintenance and Protection of Traffic During Construction | Base | LS | 1 | | $5,500.00 | $2,655.00 | $13,000.00 | $23,868.25 | $11,255.81 |
| 0931-0001 | Post Mounted Signs, Type B | Base | SF | 7 | | $224.00 | $338.10 | $525.00 | $801.99 | $472.27 |
| 0935-0001 | Post Mounted Signs, Type F | Base | SF | 8 | | $320.00 | $222.40 | $600.00 | $962.56 | $526.24 |
| 0951-4014 | Traffic Signal Support, 14' Pedestal | Base | EA | 2 | | $7,500.00 | $10,610.00 | $8,000.00 | $12,259.58 | $9,592.40 |
| 4954-0012 | 2 Inch Conduit, PVC | Base | LF | 25 | | $75.00 | $286.25 | $111.25 | $104.50 | $144.25 |
| 4954-0013 | 3 Inch Conduit, PVC | Base | LF | 395 | | $2,370.00 | $2,291.00 | $1,777.50 | $2,144.85 | $2,145.84 |
| 0954-0151 | Trench and Backfill, Type I | Base | LF | 95 | | $1,900.00 | $1,904.75 | $1,425.00 | $5,845.35 | $2,768.78 |
| 0954-0152 | Trench and Backfill, Type II | Base | LF | 6 | | $300.00 | $518.70 | $360.00 | $621.18 | $449.97 |
| 0954-0153 | Trench and Backfill, Type III | Base | LF | 220 | | $18,700.00 | $15,367.00 | $16,500.00 | $20,827.40 | $17,848.60 |
| 0954-0201 | Signal Cable, 14 AWG, 3 Conductor | Base | LF | 1,060.00 | | $3,180.00 | $2,968.00 | $4,240.00 | $2,650.00 | $3,259.50 |
| 0954-0202 | Signal Cable, 14 AWG, 5 Conductor | Base | LF | 2,035.00 | | $6,613.75 | $5,901.50 | $8,343.50 | $5,636.95 | $6,623.93 |
| 0954-0402 | Electrical Service, Type B | Base | EA | 2 | | $3,300.00 | $2,600.00 | $2,200.00 | $2,654.20 | $2,688.55 |
| 0955-3208 | Vehicular Signal Head, Three 12" Sections | Base | EA | 2 | | $1,450.00 | $1,670.00 | $1,630.00 | $1,915.32 | $1,666.33 |
| 4955-3722 | LED Countdown Pedestrian Signal Head, Type A, Steady Countdown | Base | EA | 8 | | $4,400.00 | $4,440.00 | $4,520.00 | $4,494.24 | $4,463.56 |
| 0971-0001 | Remove Post Mounted Signs, Type B | Base | EA | 1 | | $50.00 | $110.00 | $150.00 | $74.32 | $96.08 |
| 9000-0001 | Controller Assembly, Type 2 Mounting | Base | EA | 1 | | $16,000.00 | $20,340.00 | $14,200.00 | $20,740.83 | $17,820.21 |
| 9000-0002 | Dilemma Zone Radar Detection System, Two Approaches | Base | EA | 1 | | $16,500.00 | $15,305.00 | $15,500.00 | $15,668.75 | $15,743.44 |
| 9000-0003 | Emergency Preemption System, Four Approaches | Base | EA | 5 | | $11,250.00 | $13,475.00 | $14,500.00 | $10,854.55 | $12,519.89 |
| 9000-0004 | Detection System, Two Approaches | Base | EA | 1 | | $14,275.00 | $14,215.00 | $13,000.00 | $13,921.90 | $13,852.98 |
| 9000-0005 | Conduit Connection to Existing Foundation | Base | EA | 2 | | $1,000.00 | $1,840.00 | $2,400.00 | $2,288.50 | $1,882.13 |
| 9000-0006 | Junction Box, 17X30 | Base | EA | 1 | | $650.00 | $670.00 | $1,400.00 | $891.25 | $902.81 |
| 9000-0007 | Retroreflective Backplate on Existing Signal | Base | EA | 2 | | $470.00 | $730.00 | $800.00 | $675.92 | $668.98 |

PRICING ITEMS (4 records) By Company Select Award Scenario Clear Award Selected

| NAME | TOTAL BASE PRICE |
| --- | --- |
| ARMOUR & SONS ELECTRIC INC. | $117,527.75 |
| Lenni Electric Corporation | $121,577.70 |
| Carr & Duff Inc. | $129,682.25 |
| Miller Bros. | $154,658.79 |

McMAHON
TRANSPORTATION ENGINEERS & PLANNERS

McMAHON ASSOCIATES, INC.
425 Commerce Drive, Suite 200
Fort Washington, PA 19034
p 215-283-9444 | f 215-283-9446

PRINCIPALS
Joseph W. McMahon, P.E.
Joseph J. DeSantis, P.E., PTOE
John S. DePalma
William T. Steffens
Casey A. Moore, P.E.
Gary R. McNaughton, P.E., PTOE

ASSOCIATES
John J. Mitchell, P.E.
Christopher J. Williams, P.E.
R. Trent Ebersole, P.E.
Matthew M. Kozsuch, P.E.
Maureen Chlebek, P.E., PTOE
Dean A. Carr, P.E.

# MEMORANDUM

**TO:** Board of Commissioners
Upper Moreland Township

**FROM:** Anton Kuhner, P.E.

**DATE:** July 9, 2020

**RE:** **2018 ARLE Grant**
Blair Mill Road (S.R. 2026) and Horsham Road
Traffic Signal Improvements
McMahon Project No. 819990.3A

McMahon is providing this memo as an update for the above project and to recommend to proceed with preparation of bid documents and advertisement\bidding of the project. The Township received a 2018 ARLE grant award in the amount of $105,600 for traffic signal improvements at the intersection of Blair Mill Road and Horsham Road. As per the project award, the scope of improvements includes the following:

- Installation of video and radar dilemma zone detection.
- Installation of emergency pre-emption
- Installation of pedestrian man-hand countdown signals.
- Preparation of plans for permitting and construction

The preparation of the traffic signal permit plan has been completed and a submission to PennDOT was made in March 2020. There are minor comments to address from PennDOT and the bid specifications and construction plans can be prepared for the project. In reviewing the intersection, there are some additional items that are recommended to be included in the bid:

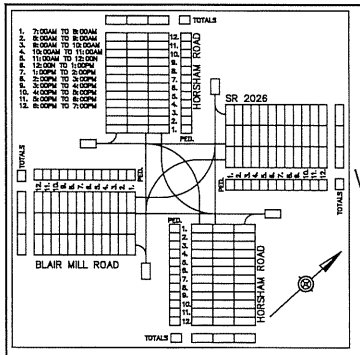
- Installation of a new pole mounted controller. The existing controller can be modified for the grant items, but the controller is older and is in need for eventual replacement.
- Installation of new conduit in the roadway. The existing conduit is older and smaller in size. It was intended to install new wiring in the existing conduit. The condition of the conduit may limit the ability to install the wiring.

Attached is a cost estimate for the project, including the additional items. It is recommended that the bid package be prepared to include the additional items. The bid can be evaluated for inclusion of the additional items after the actual project costs are received.

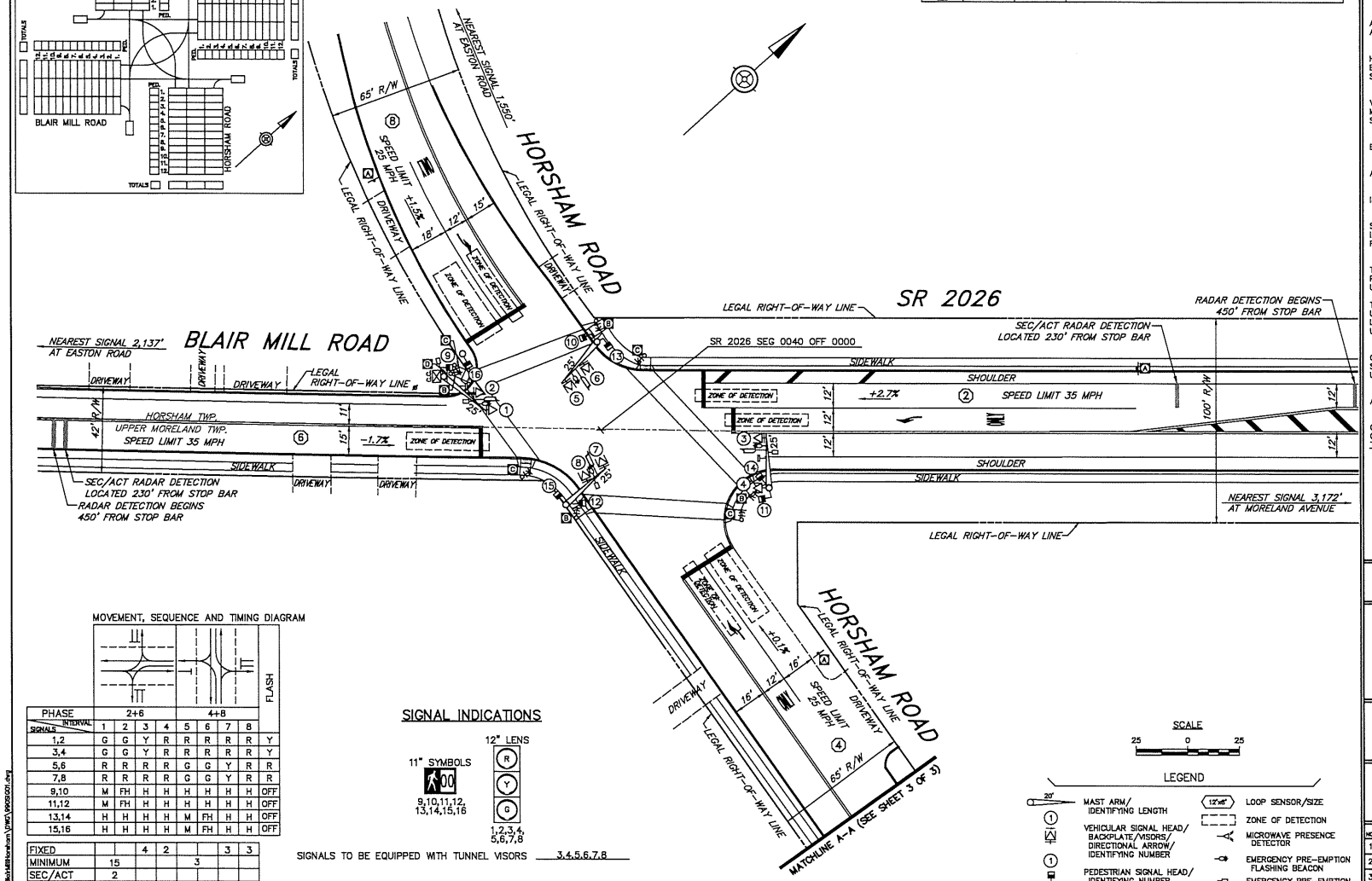
Please review the attached information and we look forward to discussing the project with the Board at the next meeting.

AKK

I:\eng\UPPERMO1\806056 - General Traffic Services\Correspondence\Out\Township\ARLE bid memo 7_9_20.docx




| SIGN TABULATION | | | |
|---|---|---|---|
| PLAN SYMBOL | SERIES NUMBER | SIZE | REMARKS |
| A | R3-7L | 30"x30" | LEFT LANE MUST TURN LEFT |
| B | R10-3E(L) | 9"x15" | EDUC. PUSH BUTTON FOR WALK SIGNAL W/ COUNTDOWN TIMER |
| C | R10-3E(R) | 9"x15" | EDUC. PUSH BUTTON FOR WALK SIGNAL W/ COUNTDOWN TIMER |
| D | R10-11 | 30"x36" | NO TURN ON RED ● |




MOVEMENT, SEQUENCE AND TIMING DIAGRAM



| PHASE | 2+6 | | | | 4+8 | | | | FLASH |
|---|---|---|---|---|---|---|---|---|---|
| INTERVAL / SIGNALS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 1,2 | G | G | Y | R | R | R | R | R | Y |
| 3,4 | G | G | Y | R | R | R | R | R | Y |
| 5,6 | R | R | R | R | G | G | Y | R | R |
| 7,8 | R | R | R | R | G | G | Y | R | R |
| 9,10 | M | FH | H | H | H | H | H | H | OFF |
| 11,12 | M | FH | H | H | H | H | H | H | OFF |
| 13,14 | H | H | H | H | M | FH | H | H | OFF |
| 15,16 | H | H | H | H | M | FH | H | H | OFF |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIXED | | 4 | 2 | | | 3 | 3 |
| MINIMUM | 15 | | | 3 | | | |
| SEC/ACT | 2 | | | | | | |
| MAX INITIAL | 24 | | | | | | |
| PASSAGE | ++ | | | 3 | | | |
| MAXIMUM 1 | 35 | | | 25 | | | |
| PEDESTRIAN* | 7 | 19 | | 7 | 21 | | |
| MEMORY | MN | | | NL | | | |

* UPON PEDESTRIAN ACTUATION ONLY, OTHERWISE HAND SYMBOL AT ALL TIMES.

SIGNAL INDICATIONS



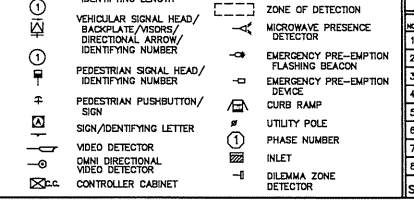

SIGNALS TO BE EQUIPPED WITH TUNNEL VISORS 3,4,5,6,7,8

++ADVANCED DILEMMA ZONE NOTES
EST. TIME OF ARRIVAL: MIN. 2.5 – MAX. 5.5 SEC.
RANGE OF DETECTION: MIN. 0 – MAX. 450 FT. FROM STOP BAR
SPEED BOUNDARY: MIN. 27 MPH – MAX. 100 MPH

++ DENSITY ZONE NOTES
RANGE OF DETECTION: MIN. 0 – MAX. 100 FT. FROM STOP BAR
SPEED BOUNDARY: MIN. 5 MPH – MAX. 30 MPH

SCALE
25 0 25

LEGEND




## 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-8800 SERIES.

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION
ENGINEERING DISTRICT 6-0

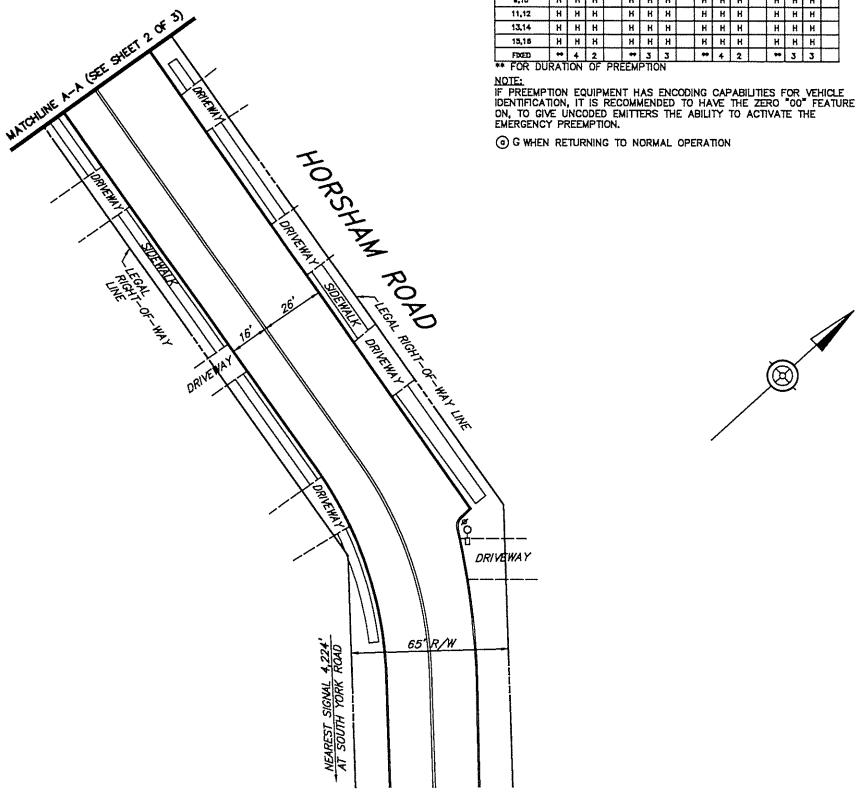
COUNTY: MONTGOMERY
MUNICIPALITY: UPPER MORELAND/HORSHAM TWPS
INTERSECTION: BLAIR MILL ROAD (SR 2026) AND HORSHAM ROAD

REVIEWED:
DATE
MUNICIPAL OFFICIAL DATE

RECOMMENDED:
MARK L. KRAY 6/20/95
LOUIS R. BELMONTE 6/22/95
DISTRICT TRAFFIC ENGINEER DATE

| NO. | REVISION | DES./ REVW. | DATE | REVW. | DATE | RECOM. | DATE |
|---|---|---|---|---|---|---|---|
| 1 | NEW DRAWING | PAI | 5/20/95 | MLK | 6/20/95 | DWM | 6/22/95 |
| 2 | ADD WB NTOR SIGN | MeM | 7/3/13 | MLK | 11/18/13 | LRB | 11/25/13 |
| 3 | REVISED WB STRIPING AND LOOPS | MeM | 9/8/10 | DLA | 11/1/10 | ABP | 11/11/10 |
| 4 | REVISED CURB RAMPS, TIMING | H2 ENG | 8/18/15 | DLA | 4/1/16 | ABP | 4/1/16 |
| 5 | ADD WBRT, RADAR DILEMMA ZONE DETECTION, COUNTDOWN TIMERS, EMERGENCY PREEMPTION | MCM | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |

SHEET 2 OF 3 | PERMIT # 64-1671 | FILE # 1671




## EMERGENCY PREEMPTION PHASING

MOVEMENT, SEQUENCE AND TIMING DIAGRAM

| PHASE | 2 | | | 4 | | | 6 | | | 8 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INTERVAL / SIGNALS | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1,2 | G | Y ⓖ | R ⓖ | R | R | R | R | R | R | R | R | R |
| 3,4 | R | R | R | R | R | R | G | Y ⓖ | R ⓖ | R | R | R |
| 5,6 | R | R | R | G | Y | R | R | R | R | R | R | R |
| 7,8 | R | R | R | R | R | R | R | R | R | G | Y | R |
| 9,10 | H | H | H | H | H | H | H | H | H | H | H | H |
| 11,12 | H | H | H | H | H | H | H | H | H | H | H | H |
| 13,14 | H | H | H | H | H | H | H | H | H | H | H | H |
| 15,16 | H | H | H | H | H | H | H | H | H | H | H | H |
| ENDS | ** | 4 | 2 | ** | 3 | 3 | ** | 4 | 2 | ** | 3 | 3 |

** FOR DURATION OF PREEMPTION

NOTE:
IF PREEMPTION 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 PREEMPTION.

ⓖ G WHEN RETURNING TO NORMAL OPERATION

## EMERGENCY PREEMPTION NOTES:

- CONTROLLER TO BE EQUIPPED WITH EMERGENCY PREEMPTION FOR THE NORTHBOUND & SOUTHBOUND APPROACHES OF BLAIR MILL ROAD AND THE EASTBOUND & WESTBOUND APPROACHES OF HORSHAM ROAD WITH A FAIL SAFE DEVICE FOR EACH DIRECTION OF OPERATION.

  THIS EMERGENCY BEACON SHALL CONSIST OF A FLASHING WHITE FLOOD LIGHT, AND SHALL FLASH WHEN THE EMERGENCY VEHICLE HAS CONTROL OF THE INTERSECTION FOR THE APPROPRIATE APPROACH.

  LOCATION OF EMERGENCY VEHICLE DETECTORS ARE TO BE FIELD ADJUSTED TO ACHIEVE MAXIMUM OPERATION.

- THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, SHALL TERMINATE ALL GREEN INDICATIONS IMMEDIATELY, FOLLOWED BY THE COMPLETE YELLOW AND RED CLEARANCE INTERVALS, ACCORDINGLY. THEN THE GREEN INTERVAL FOR THE PREEMPTED PHASE SHALL FOLLOW.
- THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, SHALL TIME OUT ALL YELLOW AND RED INDICATIONS, FOLLOWED BY THE GREEN INTERVAL OF THE PREEMPTION PHASE GOVERNED BY THE APPROACHING EMERGENCY VEHICLE.
- IF THE SIGNAL HAS BEEN ACTUATED BY A PEDESTRIAN PUSH BUTTON AND THE SIGNAL IS PREEMPTED DURING THE "WAN" PHASE, THE WAN PHASE SHALL TERMINATE IMMEDIATELY FOLLOWED BY THE "FLASHING HAND AND COUNTDOWN TIMER" INDICATION IN ITS ENTIRETY, FOLLOWED BY THE APPROPRIATE SELECTIVE CLEARANCES BEFORE PROCEEDING TO THE PREEMPTION PHASE.
- IF THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, ARE FLASHING ALL SIGNALS SHALL REMAIN FLASHING.
- IF ADDITIONAL PREEMPTION PHASES ARE ACTIVATED WHILE IN PREEMPTION, THE ORIGINAL PREEMPTION PHASE SHALL TIME OUT BEFORE PROCEEDING TO THE NEXT PREEMPTION PHASE.
- UPON COMPLETION OF PREEMPTION, PHASE 2,4,6 OR 8 IN RETURNING TO NORMAL OPERATION, PHASE 2+6 INTERVAL 1 SHALL FOLLOW.
- IN EMERGENCY PREEMPTION, NO PRIORITY SHALL BE ESTABLISHED, PREEMPTION SHALL BE A "FIRST COME, FIRST SERVE" OPERATION.

SCALE
25 0 25

## LEGEND

- 20' — MAST ARM/ IDENTIFYING LENGTH
- ① — VEHICULAR SIGNAL HEAD/ BACKPLATE/VISORS/ DIRECTIONAL ARROW/ IDENTIFYING NUMBER
- ① — PEDESTRIAN SIGNAL HEAD/ IDENTIFYING NUMBER
- PEDESTRIAN PUSHBUTTON/ SIGN
- SIGN/IDENTIFYING LETTER
- VIDEO DETECTOR
- OMNI DIRECTIONAL VIDEO DETECTOR
- C.C. — CONTROLLER CABINET
- 12'x6' — LOOP SENSOR/SIZE
- ZONE OF DETECTION
- MICROWAVE PRESENCE DETECTOR
- EMERGENCY PRE-EMPTION FLASHING BEACON
- EMERGENCY PRE-EMPTION DEVICE
- CURB RAMP
- UTILITY POLE
- ① — PHASE NUMBER
- INLET
- DILEMMA ZONE DETECTOR

# 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-8800 SERIES.

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION
ENGINEERING DISTRICT 6-0

COUNTY: MONTGOMERY

MUNICIPALITY: UPPER MORELAND/HORSHAM TWPS

INTERSECTION: BLAIR MILL ROAD (SR 2026) AND HORSHAM ROAD

REVIEWED:

DATE

MUNICIPAL OFFICIAL DATE

RECOMMENDED:

MARK L. KRAY 6/20/95

LOUIS R. BELMONTE 6/22/95
DISTRICT TRAFFIC ENGINEER DATE

| NO. | REVISION | DES./ REVWR. | DATE | REVWR. | DATE | RESDN. | DATE |
|---|---|---|---|---|---|---|---|
| 1 | NEW DRAWING | PAJ | 5/20/95 | MLK | 6/20/95 | DWM | 6/22/95 |
| 2 | ADD WB NTOR SIGN | MeM | 7/3/03 | MLK | 11/19/03 | LRB | 11/25/03 |
| 3 | REVISED WB STRIPING AND LOOPS | MeM | 9/8/10 | DLA | 11/1/10 | ABP | 11/11/10 |
| 4 | REVISED CURB RAMPS, TIMING | H2 DIG | 8/18/15 | DLA | 4/1/16 | ABP | 4/1/16 |
| 5 | ADD VIDEO, RADAR DILEMMA ZONE DETECTION, COUNTDOWN TIMERS, EMERGENCY PREEMPTION | MCM | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |

SHEET 3 Of 3 | PERMIT # 64-1671 | FILE # 1671

I:\wp\UPPENDY\6190901 - Blair&Horsham\DWG\6190901.dwg

| ITEM # | DESCRIPTION | UNIT | QUANTITY | UNIT COST | TOTAL |
|---|---|---|---|---|---|
| 0931-0001 | Post Mounted Signs, Type B | SF | 7 | $ 40.00 | $ 280.00 |
| 0951-4014 | Traffic Signal Support, 14' Pedestal | EA | 2 | $ 3,500.00 | $ 7,000.00 |
| 0954-0012 | 2 Inch Conduit | LF | 25 | $ 4.50 | $ 112.50 |
| 0954-0151 | Trench and Backfill, Type I | LF | 95 | $ 25.00 | $ 2,375.00 |
| 0954-0152 | Trench and Backfill, Type II | LF | 6 | $ 55.00 | $ 330.00 |
| 0954-0201 | Signal Cable, 14 AWG, 3 Conductor | LF | 1060 | $ 3.50 | $ 3,710.00 |
| 0954-0202 | Signal Cable, 14 AWG, 5 Conductor | LF | 2035 | $ 4.50 | $ 9,157.50 |
| 0955-3208 | Vehicular Signal Head, Three 12" Sections | EA | 2 | $ 900.00 | $ 1,800.00 |
| 4955-3722 | LED Countdown Pedestrian Signal Head, Type A, Steady Countdown | EA | 8 | $ 650.00 | $ 5,200.00 |
| 9000-0001 | Dilemma Zone Radar Detection System, Two Approaches | EA | 1 | $ 16,500.00 | $ 16,500.00 |
| 9000-0002 | Emergency Preemption System, Four Approaches | EA | 5 | $ 3,000.00 | $ 15,000.00 |
| 9000-0003 | Video Detection System, Two Approaches | EA | 1 | $ 16,000.00 | $ 16,000.00 |
| 9000-0004 | Conduit Connection to Existing Foundation | EA | 2 | $ 1,000.00 | $ 2,000.00 |
| 9000-0006 | Junction Box, 17X30 | EA | 1 | $ 1,000.00 | $ 1,000.00 |
| | | | | **SUBTOTAL=** | **$ 80,465.00** |
| | | | | ***Maintenance and Protection of Traffic During Construction*** ***3%*** | $ 2,400.00 |
| | | | | ***Mobilization*** ***2%*** | $ 1,600.00 |
| | | | | **SUBTOTAL with Mobilization and MPT** | **$ 84,465.00** |
| | | | | ***Contingency*** ***5%*** | $ 4,200.00 |
| | | | | **SUBTOTAL with Mobilization, MPT & Contingency =** | **$ 88,665.00** |
| **Alternates** | | | | | |
| 9000-0005 | Controller Assembly, Type 2 Mounting | EA | 1 | $ 20,000.00 | $ 20,000.00 |
| 0954-0153 | Trench and Backfill, Type III | LF | 220 | $ 75.00 | $ 16,500.00 |
| 0954-0013 | 3 Inch Conduit | LF | 395 | $ 6.50 | $ 2,567.50 |
| | | | | **Alternate Totals** | **$ 39,067.50** |

| | |
|---|---|
| *Grant Request Estimated Construction Total* | *$ 92,000.00* |
| *Grant Request Estimated Engineering, Permitting and Bidding* | *$ 9,000.00* |
| *Grant Request Estimated Construction Inspection* | *$ 5,500.00* |
| ***Received Grant Amount*** | ***$ 106,500.00*** |

**NOTES:**

- Item *9000-0002 Emergency Preemption System Four Approaches* to be measured by the number of detector units;advance wireless preemption detector proposed for Westbound Horsham Road.
- New conduit HUB to be specified as incidental for Item *9000-0005 Controller Assembly, Type 2 Mounting.*

Upper Moreland
Township
117 Park Avenue
Willow Grove, PA
19090

# Commissioners Report

For the period of: 2020-08-01 to 2020-08-31 23:59:59

*Date Printed: 09/01/2020*

## PERMITS

| Type | # of Apps. Created | # of Permits Issued | Estm. Cost of Issued | Revenue Collected |
|---|---|---|---|---|
| Grading | 5 | 4 | $7,000.00 | $99.50 |
| Bulk Pick Up | 48 | 48 | $0.00 | $1,100.00 |
| Trailer | 5 | 4 | $0.00 | $540.00 |
| Plumbing | 11 | 13 | $67,422.00 | $1,364.50 |
| Garage Sale | 0 | 0 | $0.00 | $0.00 |
| Public Works | 9 | 8 | $1,440.00 | $227.00 |
| Building | 69 | 68 | $3,092,301.09 | $52,154.00 |
| Commercial Zoning Use | 7 | 7 | $0.00 | $525.00 |
| Fire | 5 | 42 | $52,610.00 | $4,958.50 |
| Miscellaneous | 0 | 1 | $0.00 | $100.00 |
| Holding Tank | 0 | 0 | $0.00 | $0.00 |
| Sign | 5 | 4 | $18,148.49 | $460.00 |
| Well | 0 | 0 | $0.00 | $0.00 |
| Electrical | 26 | 22 | $304,955.00 | $8,024.00 |
| Mechanical | 16 | 18 | $134,168.00 | $1,531.50 |
| **Totals:** | **206** | **239** | **$3,678,044.58** | **$71,084.00** |

## CONTRACTORS

### Commercial

| Type | # of New Contractors | # of Renewals | Revenue Collected |
|---|---|---|---|
| Fire Sprinkler Contractor | 0 | 0 | $0.00 |
| Mechanical Contractor | 0 | 0 | $0.00 |
| Demolition Contractor | 0 | 0 | $0.00 |
| House Moving Contractor | 0 | 0 | $0.00 |
| Plumbing Contractor | 2 | 1 | $225.00 |
| General Contractor | 7 | 4 | $825.00 |
| Sign Contractor | 3 | 0 | $225.00 |
| General Contractor - Under $30,000 | 0 | 0 | $0.00 |
| Electrical Contractor | 1 | 3 | $300.00 |
| **Totals:** | **13** | **8** | **$1,575.00** |

### Residential

| Type | # of New Contractors | # of Renewals | Revenue Collected |
|---|---|---|---|
| Fire Sprinkler Contractor | 0 | 0 | $0.00 |
| Mechanical Contractor | 0 | 0 | $0.00 |
| Demolition Contractor | 0 | 0 | $0.00 |
| House Moving Contractor | 0 | 0 | $0.00 |
| Plumbing Contractor | 0 | 0 | $0.00 |
| General Contractor | 0 | 0 | $0.00 |
| Sign Contractor | 0 | 0 | $0.00 |
| General Contractor - Under $30,000 | 0 | 0 | $0.00 |
| Electrical Contractor | 0 | 0 | $0.00 |
| **Totals:** | **0** | **0** | **$0.00** |

### Home Improvement

| Type | # of New Contractors | # of Renewals | Revenue Collected |
|---|---|---|---|
| Fire Sprinkler Contractor | 0 | 0 | $0.00 |
| Mechanical Contractor | 0 | 0 | $0.00 |
| Demolition Contractor | 0 | 0 | $0.00 |
| House Moving Contractor | 0 | 0 | $0.00 |
| Plumbing Contractor | 0 | 0 | $0.00 |
| General Contractor | 9 | 0 | $0.00 |
| Sign Contractor | 0 | 0 | $0.00 |

| | | | |
|---|---|---|---|
| General Contractor - Under $30,000 | 0 | 0 | $0.00 |
| Electrical Contractor | 1 | 0 | $0.00 |
| **Totals:** | **10** | **0** | **$0.00** |

**Uncategorized Subtype**

| Type | # of New Contractors | # of Renewals | Revenue Collected |
|---|---|---|---|
| Fire Sprinkler Contractor | 0 | 0 | $0.00 |
| Mechanical Contractor | 0 | 0 | $0.00 |
| Demolition Contractor | 0 | 0 | $0.00 |
| House Moving Contractor | 0 | 0 | $0.00 |
| Plumbing Contractor | 0 | 0 | $0.00 |
| General Contractor | 0 | 0 | $0.00 |
| Sign Contractor | 0 | 0 | $0.00 |
| General Contractor - Under $30,000 | 0 | 0 | $0.00 |
| Electrical Contractor | 0 | 0 | $0.00 |
| **Totals:** | **0** | **0** | **$0.00** |

## PERMIT INSPECTIONS

| | |
|---|---|
| **Total Inspections:** | **109** |

## LICENSING

| Type | # of New Licenses | # of Renewals | Revenue Collected |
|---|---|---|---|
| Home Occupancy Zoning Use | 5 | 23 | $1,450.00 |
| Amusement License | 0 | 0 | $0.00 |
| Sandwich Sign | 0 | 0 | $0.00 |
| Massage | 0 | 0 | $0.00 |
| Billboard | 0 | 0 | $0.00 |
| Recreational Trailer | 1 | 0 | $5.00 |
| **Totals:** | **6** | **23** | **$1,455.00** |

## LAND DEVELOPMENT

| Type | # of Apps. Created | Revenue Collected |
|---|---|---|
| Zoning Change | 0 | $0.00 |
| Conditional Use | 0 | $0.00 |
| Subdivision | 0 | $0.00 |
| Land Development | 0 | $0.00 |
| Public Hearing | 1 | $400.00 |
| **Totals:** | **1** | **$400.00** |

## CODE ENFORCEMENT

| Type | # of Complaints |
|---|---|
| Trash and Debris | 0 |
| Misc | 6 |
| Exterior Maintenance | 5 |
| High Grass | 2 |
| Work Without Permit | 8 |
| **Totals:** | **21** |

## CASHIERING

| Type | # of Transactions | Revenue Collected |
|---|---|---|
| Total Transactions | 0 | $0.00 |
| **Totals:** | **0** | **$0.00** |

Upper Moreland
Township
117 Park Avenue
Willow Grove, PA
19090

# Commissioners Report

For the period of: 2020-08-01 to 2020-08-31 23:59:59

*Date Printed: 09/01/2020*

## OPEN RECORDS

| Type | # of Requests | Revenue Collected |
|---|---|---|
| Public Record Request | 0 | $0.00 |
| **Totals:** | **0** | **$0.00** |

**Total Revenue Collected: $74,514.00**

Upper Moreland
Township
117 Park Avenue
Willow Grove, PA
19090

# Commissioners Report

For the period of: 2019-08-01 to 2019-08-31 23:59:59

*Date Printed: 09/01/2020*

## PERMITS

| Type | # of Apps. Created | # of Permits Issued | Estm. Cost of Issued | Revenue Collected |
|---|---|---|---|---|
| Grading | 6 | 1 | $25,000.00 | $59.50 |
| Bulk Pick Up | 28 | 28 | $0.00 | $431.00 |
| Trailer | 1 | 1 | $0.00 | $40.00 |
| Plumbing | 15 | 13 | $200,654.00 | $1,381.50 |
| Garage Sale | 2 | 2 | $0.00 | $20.00 |
| Public Works | 13 | 12 | $14,870.00 | $467.00 |
| Building | 82 | 72 | $1,134,921.47 | $16,996.50 |
| Commercial Zoning Use | 6 | 4 | $0.00 | $300.00 |
| Fire | 8 | 35 | $0.00 | $1,930.00 |
| Miscellaneous | 2 | 2 | $0.00 | $200.00 |
| Holding Tank | 0 | 0 | $0.00 | $0.00 |
| Sign | 4 | 3 | $17,300.00 | $450.00 |
| Well | 0 | 0 | $0.00 | $0.00 |
| Electrical | 28 | 26 | $162,305.00 | $4,646.50 |
| Mechanical | 18 | 16 | $212,445.00 | $3,282.50 |
| **Totals:** | **213** | **215** | **$1,767,495.47** | **$30,204.50** |

## CONTRACTORS

### Commercial

| Type | # of New Contractors | # of Renewals | Revenue Collected |
|---|---|---|---|
| Fire Sprinkler Contractor | 1 | 0 | $75.00 |
| Mechanical Contractor | 2 | 0 | $150.00 |
| Demolition Contractor | 0 | 0 | $0.00 |
| House Moving Contractor | 0 | 0 | $0.00 |
| Plumbing Contractor | 2 | 4 | $450.00 |
| General Contractor | 6 | 0 | $450.00 |
| Sign Contractor | 0 | 0 | $0.00 |
| General Contractor - Under $30,000 | 0 | 0 | $0.00 |
| Electrical Contractor | 3 | 2 | $375.00 |
| **Totals:** | **14** | **6** | **$1,500.00** |

### Residential

| Type | # of New Contractors | # of Renewals | Revenue Collected |
|---|---|---|---|
| Fire Sprinkler Contractor | 0 | 0 | $0.00 |
| Mechanical Contractor | 0 | 0 | $0.00 |
| Demolition Contractor | 0 | 0 | $0.00 |
| House Moving Contractor | 0 | 0 | $0.00 |
| Plumbing Contractor | 0 | 0 | $0.00 |
| General Contractor | 1 | 0 | $75.00 |
| Sign Contractor | 0 | 0 | $0.00 |
| General Contractor - Under $30,000 | 0 | 0 | $0.00 |
| Electrical Contractor | 0 | 0 | $0.00 |
| **Totals:** | **1** | **0** | **$75.00** |

### Home Improvement

| Type | # of New Contractors | # of Renewals | Revenue Collected |
|---|---|---|---|
| Fire Sprinkler Contractor | 0 | 0 | $0.00 |
| Mechanical Contractor | 1 | 0 | $0.00 |
| Demolition Contractor | 0 | 0 | $0.00 |
| House Moving Contractor | 0 | 0 | $0.00 |
| Plumbing Contractor | 0 | 0 | $0.00 |
| General Contractor | 13 | 0 | $75.00 |
| Sign Contractor | 0 | 0 | $0.00 |

| | | | |
|---|---|---|---|
| General Contractor - Under $30,000 | 0 | 0 | $0.00 |
| Electrical Contractor | 1 | 0 | $0.00 |
| **Totals:** | **15** | **0** | **$75.00** |

**Uncategorized Subtype**

| Type | # of New Contractors | # of Renewals | Revenue Collected |
|---|---|---|---|
| Fire Sprinkler Contractor | 0 | 0 | $0.00 |
| Mechanical Contractor | 0 | 0 | $0.00 |
| Demolition Contractor | 0 | 0 | $0.00 |
| House Moving Contractor | 0 | 0 | $0.00 |
| Plumbing Contractor | 0 | 0 | $0.00 |
| General Contractor | 0 | 0 | $0.00 |
| Sign Contractor | 0 | 0 | $0.00 |
| General Contractor - Under $30,000 | 0 | 0 | $0.00 |
| Electrical Contractor | 0 | 0 | $0.00 |
| **Totals:** | **0** | **0** | **$0.00** |

## PERMIT INSPECTIONS

| | |
|---|---|
| **Total Inspections:** | **124** |

## LICENSING

| Type | # of New Licenses | # of Renewals | Revenue Collected |
|---|---|---|---|
| Home Occupancy Zoning Use | 2 | 7 | $450.00 |
| Amusement License | 0 | 0 | $0.00 |
| Sandwich Sign | 0 | 0 | $0.00 |
| Massage | 0 | 0 | $0.00 |
| Billboard | 0 | 0 | $0.00 |
| Recreational Trailer | 0 | 0 | $0.00 |
| **Totals:** | **2** | **7** | **$450.00** |

## LAND DEVELOPMENT

| Type | # of Apps. Created | Revenue Collected |
|---|---|---|
| Zoning Change | 0 | $0.00 |
| Conditional Use | 1 | $1,000.00 |
| Subdivision | 0 | $0.00 |
| Land Development | 0 | $0.00 |
| Public Hearing | 6 | $3,800.00 |
| **Totals:** | **7** | **$4,800.00** |

## CODE ENFORCEMENT

| Type | # of Complaints |
|---|---|
| Trash and Debris | 2 |
| Misc | 4 |
| Exterior Maintenance | 2 |
| High Grass | 16 |
| Work Without Permit | 6 |
| **Totals:** | **30** |

## CASHIERING

| Type | # of Transactions | Revenue Collected |
|---|---|---|
| Total Transactions | 2 | $0.00 |
| **Totals:** | **2** | **$0.00** |

Upper Moreland
Township
117 Park Avenue
Willow Grove, PA
19090

# Commissioners Report

For the period of: 2019-08-01 to 2019-08-31 23:59:59

*Date Printed: 09/01/2020*

## OPEN RECORDS

| Type | # of Requests | Revenue Collected |
|---|---|---|
| Public Record Request | 0 | $0.00 |
| **Totals:** | **0** | **$0.00** |

**Total Revenue Collected: $37,029.50**

To: Public Works Committee

From: David Elsier, Director of Public Works

Date August 2020

Re: **UMPW DEPARTMENTAL REPORT**

## PUBLIC WORKS DIRECTOR'S NOTES

- Oversaw all day-to-day operations of the Public Works Department
- Repaired potholes throughout the Township.
- Reported street lights that are not working.
- Contacted Penn Dot about pothole concerns on all state roads within the Township.
- Reported traffic and street lights that needed attention.
- Responded to e-mails and phone calls from residents with questions or problems.
- Completed various reports and schedules to help with operations of the Public Works Department.
- Applied for a technical assistance grant through the Dep to help with the upcoming RFP for the Recycling Consortium
- Prepared the Public Works 2021 Budget

- **Vehicle Maintenance** - Township mechanics maintained all Township vehicles and equipment.

- **Storm Water Maintenance** - Township staff continues to inspect and repair all storm water inlets.

## SANITATION DIVISION
**August**

During the month of August 2020, our Sanitation Division picked up 564 tons of compacted trash.

Since the last report period we had 27 bulk pick-ups. For the same period in 2019 we collected 10 bulk items

We collected 223 tons of yard waste since the last report period. For the same period in 2019, we collected 256 tons of yard waste.

We collected 17 electronic items (E-cycling) since the last report period. For the same period in 2019, we collected 16 electronic items.

**Public Works Department**
**August '2020**

## Summary of materials handled by Sanitation Division

(in tons)

| | | |
|---|---|---|
| Single Stream | 180 | |
| Curbside Yard Waste | 223 | |
| Total Recycling Tonnage | 403 | |
| Trash Tonnage | 564 | |
| Tipping Fee Cost Avoidance | $22,689 | $56.30 |
| Cost of Single Stream Recycling | $11,365 | $65.51 |
| Percent of Waste Recycled | 42% | |

| Materials | Glass/Pastic/ Cans | Paper | Single | Yard Wate | Trash | % Recycled |
|---|---|---|---|---|---|---|
| 2019 | 0 | 0 | 164 | 256 | 604 | 25% |
| 2020 | 0 | 0 | 180 | 223 | 564 | 42% |

| | 2019 | 2020 |
|---|---|---|
| Bulk Metal Items | 10 | 27 |
| E-Cycling Items | 16 | 17 |

GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

# Upper Moreland Township
# September 2020 Engineer's Report

| PROJECT | WORK PERFORMED LAST PERIOD (August 10th to September 21st) | WORK TO BE PERFORMED THIS PERIOD (September 21st to October 12th) |
|---|---|---|
| **GENERAL TOWNSHIP PROJECTS** | | |
| 1. NPDES – MS4 Reporting | • No work completed this period | • Monitor project status and perform work as necessary. |
| 2. Misc. Consulting Services | • Miscellaneous coordination with Township Staff, Consultants and Commissioners. | • Complete any miscellaneous items requested by the Township. |
| 3. Fair Oaks Basin | • Pre-Bid meeting on 9/17.<br>• Answer questions from prospective bidders. | • Bids to be opened on 9/28<br>• Evaluate bids and provide recommendation concerning contract award for BOC consideration on 10/5. |
| 4. Mason's Mill Park | • No work completed this period. | • Project is in 18-month maintenance period. |
| 5. Betz & Lukens Drainage Improvements | • No work completed this period. | • Monitor project status and perform work as necessary. |
| **PRIVATE DEVELOPMENT PROJECTS** | | |
| 1. Fairhill Commons | • No work completed this period. | • Monitor project status and perform work as needed. |
| 2. 2700 Turnpike Dr. (Acme Box) | • No work completed this period. | • Monitor project status and perform work as needed. |
| 3. Jaguar Land Rover Dealership | • Construction Observation | • Continue construction observation as needed. |
| 4. 28 N. York Road | • No work completed this period. | • Monitor project status and perform work as needed. |
| 5. Federation Housing (432-512 Davisville Road) | • Staff meeting on 8/10 | • Review plan submission received on 9/14. |

| PROJECT | WORK PERFORMED LAST PERIOD (August 10th to September 21st) | WORK TO BE PERFORMED THIS PERIOD (September 21st to October 12th) |
|---|---|---|
| 6. 1845 Byberry Road | • No work performed this period. | • Monitor project and perform work as needed. |
| 7. 4121 Blair Mill Road – Minor Subdivision | • Coordination with Solicitor & Applicant's Engineer regarding approval resolution. | • Monitor project and perform work as needed. |
| 8. 2255 Wyandotte Road | • No work completed this period. | • Monitory project and perform work as needed. |
| **CONSTRUCTION PROJECTS** | | |
| 1. 4205 Shoemaker Road | • No work occurred this period. | • Monitor project status and perform work as necessary. |
| 2. 2405 Maryland Road Appts. | • No work performed this period. | • Monitor project status and perform work as necessary. |
| 3. Willow Grove Day Camp YMCA | • No work performed this period. | • Construction observation and monitor project status and perform work as needed. |
| 4. Station @ Willow Grove (Petrucci) | • No work occurred this period. | • **Project is in 18-month maintenance period, which is set to expire in June 2021.** |
| 5. Lightbridge Academy | • No work performed this period. | • **Project is in 18-month maintenance period, which is set to expire in January 2022.** |
| 6. Blair Mill Village Self Storage | • Issue project closeout letter & final escrow release. | • **This project is complete remove from report next month.** |

**McCloskey & Faber, P.C.**
**Landscape Architecture • Land Planning • Graphic Design**

**Date:** **September 10, 2020** (prior report dated 08/04/2020)

**Subject:** **Township Landscape Architect's Monthly Status Report**

**Project:** **Upper Moreland Township, Montgomery County, PA**
**M&F Project No. 215**

**From:** **James R. Faber, ASLA**

The following is a summary of our work during the previous month and pending work that we anticipate in the coming months. Developments with no activity for the previous months and/or are not on-going are included in our "Township Landscape Architect – Application Reviews and Field Work Schedule" spreadsheet (unless otherwise directed).

A. Landscape Architectural Plan and Field Reviews:

1. 551 N. York Road (Fairhill Commons)

   a. General coordination with Project Engineer and Project Landscape Architect regarding clarification of landscape related waiver requests.

   b. Receive two draft and one final revised waiver request letters on August 24, 2020; Review and provide comments to Project Engineer regarding same.

   c. General coordination with Township Director of Code Enforcement regarding replacement tree fee-in-lieu calculation.

   d. Prepare and issue 3rd Landscape Plan Review on August 26, 2020.

2. 2405 Maryland Road (Willow Pointe apartments)

   a. Prepare for and attend meeting at site on August 12, 2020 with Owner's Construction Representative to review items from landscape punch list issued on July 31, 2020. Prepare updated "quick list" punch list items associated with landscape installation punch list to Owner's Construction Representative and issue on August 13, 2020.

831 Dekalb Pike Blue Bell, PA 19422-1271 (610) 277 9200, x102 FAX (610) 277 9203
EMAIL: jfaber@mcfpc.com WEBSITE: www.mcfpc.com

3. 2255 Wyandotte Road

   a. Finalize and issue 1st Landscape Plan Review on August 4, 2020.

   b. General coordination with Project Landscape Architect and Project Engineer regarding calculations for parking area greenspace and landscape related waivers.

4. Verizon – Marketplace at Huntingdon Valley – small cell installation

   a. Receive revised Landscape Plan dated January 30, 2020 on August 20, 2020. Compare new plan to previously approved plan. Coordination with Township Director of Code Enforcement regarding same.

5. 3855 Blair Mill Road – Blair Mill Village East – Storage and Laundry

   a. Site visit on August 6, 2020 to observe current condition of installed landscaping prior to final escrow release; General coordination with Township Engineer regarding same.

   b. Prepare and issue Photo Memo report for site observations on August 7, 2020.

6. 432-514 Davisville Road – Age Restricted Apartments

   a. Prepare for and attend virtual development pre-submission meeting on August 10, 2020.

   b. General coordination with Township Director of Code Enforcement regarding follow up from development pre-submission meeting.

A. Davisville and Byberry Road improvements:

1. General coordination regarding landscape improvements at corner (Bommentre) property.

2. Prepare revisions to landscape design and Opinion of Probable Cost based on request from resident's attorney; and issue revised PDFs on August 24, 2020.

B. Fair Oaks Park – Landscape Design:

1. General coordination with Township Engineer staff; Review "Schedule of Bid items" as provided by Township Engineer and provide comments relative to landscaping items on August 19, 2020.

2. Prepare Tree Inventory, Landscape Plan and Landscape Detail sheets for bid and issue to Township Engineer on August 20, 2020.

3. General coordination with Township Director of Parks regarding recently removed trees; Revise and re-issue Tree Inventory Plan on August 26, 2020 to document recently removed trees and reduce tree protection fence per Township Engineer direction.

4. **Pending:** Prepare and attend pre-bid conference meeting at site on September 17, 2020.

Distribution List (via Email):

| | |
|---|---|
| Joseph A. Lavalle, V.P. Board of Commissioners, Ward 4 | jalavalle@comcast.net |
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| Erik Garton, P.E., Gilmore & Associates | egarton@gilmore-assoc.com |
| Marian Hull, U.R.S. Corporation | Marian_Hull@URSCorp.com |
| Jim Faber, ASLA, Township Landscape Architect | jfaber@mcfpc.com |

Issue Date: September 10, 2020

UPPER MORELAND TOWNSHIP - TOWNSHIP LANDSCAPE ARCHITECT
APPLICATION REVIEWS AND FIELD WORK SCHEDULE
M&F No. 215

| Project Name and Address | Landscape Plan Rev. Approval Date | Site Visit and/or Tree Count | Pre - Construction Meeting | Tree Protection Fence Review | Most Recent Landscape Install. Review | Most Recent Escrow Release Review | Insp. to Begin 18-Mth Guarantee Period | End of Guarantee Period | | Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Date Due | Insp. Letter | |
| **Landscape Plan Reviews in Progress or Not Approved** | | | | | | | | | | |
| 1130 Easton Road - Pad site<br>LD 15-28 | LPR3<br>3/9/16 | 7/23/2015 & 8/4/2015 | | | | | | | | Development staff meeting: August 18, 2015<br>[Await revised plan submission (technical plan comments)] |
| 551 N. York Road and 230 Fairhill St.<br>Fairhill Commons | CU Review<br>11/25/19<br>LPR3<br>08/26/20 | 3/5/2019<br>Site visit<br>9/5/19<br>Tree count | | | | | | | | Phone conference (Conditional Use): 3/26/19<br>Development staff meeting: 8/28/19<br>Development pre-submission meeting: 1/30/20<br>Virtual Development coordination meeting: 5/13/20<br>[Await revised plan submission (technical plan comments)] |
| 432-514 Davisville Road - Conditional Use<br>(Age Restricted Apartments) | CU review<br>11/05/19 | 11/5/19 | | | | | | | | Pre-submission meeting: 8/10/20 |
| 1800 Cathedral Road - Minor Subdivision | LPR1<br>11/06/19 | | | | | | | | | |
| 1845 Byberry Road (Arrimour) | LPR1<br>01/13/20 | | | | | | | | | [Await revised plan submission] |
| 2855 Wyandotte Road | LPR1<br>8/4/2020 | 1/30/20 | | | | | | | | [Await revised plan submission] |
| **Landscape Plan Approved - Awaiting Construction** | | | | | | | | | | |
| 2700 Turnpike Drive - Acme Corrugated Box | LPR4<br>3/19/20 | 12/12/18 | | | | | | | | |
| 28 N. York Road - Land Development<br>Martin Harrison | LPR2<br>01/27/20 | 11/7/18 | | | | | | | | |
| 240 Fitzwatertown Road (Malvern Inst)<br>(Amended Phase II of Willow Crest Manor)<br>LD 16-23 | LPR2<br>6/16/17 | 5/17/16 | | | | | | | | Development Staff meeting: 5/20/16; Waiver review memo: 7/7/16;<br>Email review of technical plan comments: 7/5/17<br>[Await formal response to technical plan comments - reviewed informally] |
| 2200 Byberry Road - Carr and Duff Driveway | LPR3<br>7/19/19 | 5/23/19 | | | | | | | | |

| Project Name and Address | Landscape Plan Rev. Approval Date | Site Visit and/or Tree Count | Pre - Construction Meeting | Tree Protection Fence Review | Most Recent Landscape Install. Review | Most Recent Escrow Release Review | Insp. to Begin 18-Mth Guarantee Period | End of Guarantee Period | | Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Date Due | Insp. Letter | |
| **Project Under Construction - Landscape Installation NOT Approved** | | | | | | | | | | |
| **2300 Easton Road - Verizon store**<br>(Formerly Ruby Tuesday restaurant) | LPR3<br>10/24/2016 | 9/1/16 | 12/21/16<br>KJF | n/a | 6/12/19 | | | | | [Await final request for escrow release associated with landscape installation.] |
| **4205 Shoemaker Road - Minor Subdivision (Fox Lake Realty, LP)** | LPR4<br>3/30/15 | 8/27/14 | 8/4/16<br>JRF | | 11/8/19<br>Plan markup | | | | | Tree removals started early June 2016 prior to M&F review; Removals halted by Twp. Staff; M&F contacted Applicant June 3rd to discuss; Site visit on 11/10/16 to review trees with Applicant prior to removal; Site visit on 7/15/20 to discuss outstanding punch list items. |
| **Philadelphia Freedom Valley YMCA**<br>3400 Davisville Road | 1/17/17 CU and ZO<br>LPR3 9/21/17 FINAL | 1/12/2017<br>2/22/17<br>6/9/17 | 8/17/17<br>pre-Demo<br>10/20/17<br>Pre-con | 8/22, 8/24, 9/5/17<br>tree clearing<br>12/8/17 - tpf review<br>12/14/17 - memo | 07/09/20<br>Plan markup<br>**ACTIVE** | | | | | Field change request plans rec'd 2/16/18<br>Pre-installation meeting 3/27/19<br>[Pending: Follow up from 7/9/20 punch list from 6/26/2020 site visit] |
| **2405 Maryland Road (Apartment complex)** | LPR7<br>7/24/18<br>Amended Plan<br>12/10/2018 | 11/4/15 | 4/16/2018<br>Stage 2 (Demo) | 6/1/18 | 8/13/2020<br>Ph 3 | 5/27/20<br>**ACTIVE** | | | | Development staff meeting: December 1, 2015<br>CU Review: July 5, 2017<br>Pool Amenity plans reviewed in March 2019<br>[Await response to Building 3 planting review] |
| **2321 Blair Mill Road (Lightbridge Academy)**<br>LD 16-10 | LPR3<br>10/11/16 | 3/30/16 | 2/21/19<br>no M&F rep | | 7/2/20<br>plan markup<br>**ACTIVE** | | | | | Development staff meeting: 4/22/16<br>Waiver review memo: 7/7/16<br>[Await response to 7/2/20 punch list from 6/24/2020 site visit] |
| **3855 Blair Mill Village East Apartments**<br>Community Center/Laundry/Storage | LPR2<br>5/30/19 | 10/18/18 | 7/9/19 | | 8/6/20 | | | | | Six evergreen trees - rear property line - stake out: 1/16/20 |
| **900 S. York Road - Jaguar Land Rover** | LPR4<br>8/26/19 | | 9/25/19 | | 2/4/20<br>2/19/20<br>**ACTIVE** | | | | | Waiver of land development |
| **Project Under Guarantee - Landscape Installation Approved - in Guarantee Period** | | | | | | | | | | |
| **Station at Willow Grove (Petrucci / JERC Partners)**<br>N. York and Davisville Roads | LPR3<br>3/7/18 | 8/28/17 | 4/6/18 | 4/9/18 | 10/21/19<br>10/21/19 | 10/10/19 | 11/1/19 | **7/1/21** | | [Await response to Review of landscaping prior to end of guarantee, Spring of 2021.]<br>[Public Art Piece is approved - still to be installed.] |
| **End of Guarantee Inspection Performed - Landscape Issues Remain** | | | | | | | | | | |
| **2901 Blair Mill Road (Blair Mill Townhomes), Willow Crossing** *LD-06-7*<br>Formerly Sabia Townhouses (Builder: Ed Moser) | 10/3/12<br>Amended plan review | 5/1/06 | 7/15/11 | | 10/30/15 email | | 12/28/15 | **6/16/17** | 5/30/17 email | [Revisit site upon completion of punch list items.] |
| **2440 Maryland Road (Fairfield Inn)**<br>Ajesh Patel *LD14-2* | LPR4<br>10/17/14 | 1/16/14 | 2/17/15 | 3/19/15 | 5/27/16 | 12/4/15 | | **12/1/17** | 10/11/17 | [Revisit site upon completion of punch list items.] |

TRANSPORTATION ENGINEERS & PLANNERS

McMahon Associates, Inc.
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Fort Washington, PA 19034
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**UPPER MORELAND TOWNSHIP**
**MONTGOMERY COUNTY**

**PROJECT STATUS**
**September 16, 2020**

### DAVISVILLE ROAD YMCA

- YMCA access construction completed.
- Roadway and traffic signal improvements complete at Davisville and Terwood Road.
- **Roadway improvements at Davisville and Byberry completed.**

### WARMINSTER ROAD BRIDGE RECONSTRUCTION

- Full reconstruction of bridge along Warminster Road by PennDOT.
- Construction moved to 2021 per Township coordination with PennDOT
- Full road closure is required. McMahon reviewing detour route for potential impacts.
- Pedestrian flashing warning device at Mill Road reviewed by McMahon. No further comments.

### WILLOW GROVE TRAIN STATION RELOCATION

- Meeting held with SEPTA to discuss restarting project. SEPTA programming capital project for 2022-2023 budget.

### ROUTE 611 BRIDGE OVER TURNPIKE RAMP

- Township and McMahon to coordinate with Montgomery County Planning Commission to add the project to the State TIP.
- Township officials met with PennDOT and MCPC staff on 9/14/18 to stress the importance of the project. Both agencies committed to support the project during the next TIP update which started in 2019.
- Montgomery County Planning Commission requested DVRPC to reallocate funds from the TIP to improvements at the Willow Grove Interchange. Request was denied by DVRPC.

### 2015 GREEN LIGHT GO GRANT

- Approved for the installation of video detection at the intersections of Easton Road\Blair Mill Road and Easton Road\Fitzwatertown Road. Amount Requested - $34,800. Township match $34,800.
- Township approved an increase to the project cost for the intersection improvements in the amount of $5,204.76. The project costs include approximately $9,000 in contingency items for conduit replacement, etc.
- Video Detection installed at intersections. Awaiting Project Close-out by PennDOT.

### BYBERRY ROAD AND DAVISVILLE ROAD

- Awarded Green Light Go Grant for traffic signal improvements at the intersection. Grant Award - $252,520. Township match - $63,130. – Due to Covid-19, PennDOT has pulled the Green Light Go

funding from the project. **The Township can complete design and seek reimbursement for design services.**

- Awarded Montgomery County Transportation Program (CTP) funding for $31,565 to be applied to Green Light Go match requirement. **County determining allocation of CTP funding due to cancellation of GLG funding.**
- Awarded PennDOT MTF for right-turn lane on Davisville Road in the amount of $390,000.
- PennDOT comments addressed on HOP. Awaiting property owner coordination for permit.
- McCloskey and Faber prepared landscaping plans.
- Coordination meeting with utility companies held 10/9/19. **PECO design complete for relocations. PECO looking to schedule work. Possible tree clearing required for PECO pole installation.**
- Property Owner Coordination on going. Letters sent to Property Owners by Township in January 2020. **Responses received from 5 of the 6 property owners, with four signatures received. Follow-up with remaining property owners ongoing.**
- Coordination with PennDOT for execution of agreement. **Agreement awaiting PennDOT signature.** Environmental Documentation completed and submitted to PennDOT 4/8/2020.

### Blair Mill Road

- Coordination with Horsham Township for proposed improvements at the intersections of Blair Mill Road at Witmer Road\Commerce Road and Easton Road. Horsham Township received $3 million award from PennDOT MTF.
- McMahon developed concept plan for widening along Blair Mill Road at Easton Road to lengthen existing right turn lane to new traffic signal at Gibraltar Road and adding sidewalk along the southern side to connect to existing sidewalk.
- Horsham Township preference is to not add additional widening to their project.
- UMT to consider other grant opportunities to pursue separately.
- Upper Moreland contacted residents adjacent to proposed improvements.

### Easton Road (PA 611) and Mill Road/Sycamore Road

- McMahon submitted formal request to PennDOT to prohibit large trucks from turning right from NB Easton Road to Mill Road.
- **Signing plan and alternate route analysis submitted to PennDOT for review 8/3/2020. Coordination with PA Turnpike for installation of signage.**

### 2018 ARLE Submission – Blair Mill Road and Horsham Road

- Signal upgrades (pedestrian signals, APS, emergency pre-emption, video detection).
- Grant Request - $106,500. No Township match.
- Construction anticipated for Fall 2020.
- **Bids Received September 15, 2020**

### Welsh Road Adaptive Traffic Signal System

- Joint municipal project between Upper Dublin Township, Horsham Township, Abington Township, Upper Moreland Township to upgrade 17 intersections to adaptive operation. Upper Moreland Township maintains Blair Mill Road and Computer Road intersections.

- Rhythm Engineering INSync System selected. Design engineer revised recommendation to the Econolite Edaptive system.

**2020 ARLE SUBMISSION**

- Submitted 2018 GLG award for York Road Signal upgrades (Signal coordination from Davisville to Easton, rail crossing coordination, addition of pedestrian crossing on western leg of intersection with Davisville Road).
- Grant Request - $288,750. Township match $40,000

**MONTCO CTP GRANT SUBMISSION**

- Maryland Road and Commerce Avenue intersection improvements.
- Grant Request - $354,685. Township match $204,685.
- Grant Submitted 7/31/2020. Announcements likely in Fall 2020.

**2020 GRANT SCHEDULE**

- DCED Multimodal Transportation Fund – July 31, 2020 **– revised to September 30, 2020**
- PennDOT Multimodal Transportation Fund – November 6, 2020

**September 2, 2020 EAC Report to the CDC**

We discussed the last minute details of our book give away and information table at Masons Mill Park this Saturday, Sept. 5th from 10:30 am to 1:00 pm.

In order to make the EAC more visible to the community, we plan to put a small informational digital picture frame in our display at the library with rotating photos of our past events. We will also send short news and announcements to our email list on a quarterly basis.

We hope to start having community talks again this fall, via Zoom.

On Sept. 26 we will work at cleaning invasive species out of the dog park wetland again.

GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

August 19, 2020

File No. 20-05081

Matthew Candland, Township Manager
Upper Moreland Township
117 Park Avenue
Willow Grove, PA 19090

Reference: Initial Structural Condition Assessment & Repair Recommendations
Maryland Road Culvert

Dear Matthew:

Per the request of Public Works Director, David Elsier, a representative from Gilmore & Associates, Inc. (G&A) conducted a field visit to the above referenced culvert, which is located along Maryland Road directly east of the Public Storage driveway. The purpose of the field visit was to confirm findings from the Initial Inspection Report dated November 25, 2019, prepared by Specialty Engineering, Inc. A copy of that report is attached to this letter for reference.

Upon observation by G&A, we find the condition of the culvert to be consistent with the findings outlined in the Specialty Engineering report. Corrosion is occurring in several areas throughout the culvert barrel and 100% section loss and voids were observed along the culvert immediately above the knee wall.

Per the request of the Township, we have evaluated the following three repair and replacement options. Please note that the cost estimates should only be utilized for budgetary purposes. Additionally, costs below are for construction only and do not include soft costs associated with design, permitting, and administration of public bid:

- Option 1: Repair the culvert with a shotcrete lining, gunite lining or similar pressure grouted material. This repair option has an estimated useful life of 10-15 years and we would recommend a budgetary cost of $300,000.

- Option 2: Rehabilitate the culvert by relining with new corrugated steel liner plates. This repair option has an estimated useful life of 30-35 years and an estimated construction cost of $550,000.

- Option 3: Full replacement of the existing culvert with a new culvert structure. Several viable potential structures should be considered, but the most cost effective will likely be a precast reinforced box or arch culvert. The new structure would have an estimated useful life of 75-100 years and an estimated construction cost of $850,000.

If you have any questions or would like additional information regarding any of the replacement / rehabilitation options, please let me know. Additionally, we note that UPS trucks utilize this culvert as a primary means of accessing the Turnpike at the Willow Grove Interchange. Due to the fact that the constant truck traffic over the culvert likely contributed to the degradation of the bridge, we recommend that Upper Moreland reach out to UPS to discuss their willingness to contribute to the repair costs.

As always, please call me if you have any questions regarding this matter.

Sincerely,

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

JJH/sl

Enclosure: as referenced

cc: Erik Garton, P.E., V.P., Gilmore & Associates, Inc.
Dave Elsier, Public Works Director

**SPECIALTY ENGINEERING, INC.**
Consulting and Research Engineers

June 30, 2020

Mr. David Elsier
Director of Public Works
Upper Moreland Township
117 Park Avenue
Willow Grove, PA 19090

Re: Maryland Road over Tributary to
Pennypack Creek
BMS# 46 7110 0020 0001 (BRKEY 57164)
Problem Area Inspection

Dear Mr. Elsier:

Specialty Engineering (SEI) performed a Problem Area Inspection of the referenced structure on May 26, 2020. The inspection was performed to monitor the deteriorated steel arch culvert barrel for the Priority '1' Repair recommendation that was issued during the previous November 25, 2019 Initial (First Time) inspection.

The condition of the corrugated steel arch barrel remains unchanged since the previous inspection. The steel arch barrel has moderate to severe rust up to 1' high above the footings for the full length. Arch sections 1 and 2 have holes up to 11" long x 3" high above the near footing. Arch section 7 has a 6" high x 3" wide area of 100% section loss with section 8 at the near footing. Arch sections 11 and 12 have a few 4" high x 2" long holes with active leakage above the near footing. The remaining arch sections have random holes up to 1" diameter along both ends of the culvert.

SEI notified Upper Moreland Township of priority repair findings in an e-mail dated May 27, 2020.

The bridge is recommended to be inspected on a 12-month Interim inspection frequency since this structure is a metal arch culvert with a condition rating of '4-Poor'. Additional 6-month Problem Area Inspections will also be required to monitor the Priority '1' Repair Recommendation until the repair work has been completed.

Included from the inspection are photos, iForms, field notes and a copy of the Priority 1 Repair Notification email.

Should you have any questions or require any additional information, please do not hesitate to contact me or Peter Kim, P.E.

Very truly yours,

SPECIALTY ENGINEERING, INC.

Lung-Yang Lai, Ph.D., P.E., S.E.
President

cc: Shawn Larkins - PennDOT District 6-0
Margaret Sherman – Consultant Partner/ PennDOT District 6-0
Kevin Gross - PCS

**Category: A-1**
**Montgomery County**

**BRKEY# 57164**
**Inspection Date: 5/26/20**

**BMS ID: 46 7110 0020 0001**
**Maryland Road over Tributary to Pennypack Creek**

1. Near approach, looking ahead.

2. Far approach, looking back.

**BMS ID: 46 7110 0020 0001**
**Maryland Road over Tributary to Pennypack Creek**

3. Left elevation.

4. Right elevation.

**BMS ID: 46 7110 0020 0001**
**Maryland Road over Tributary to Pennypack Creek**

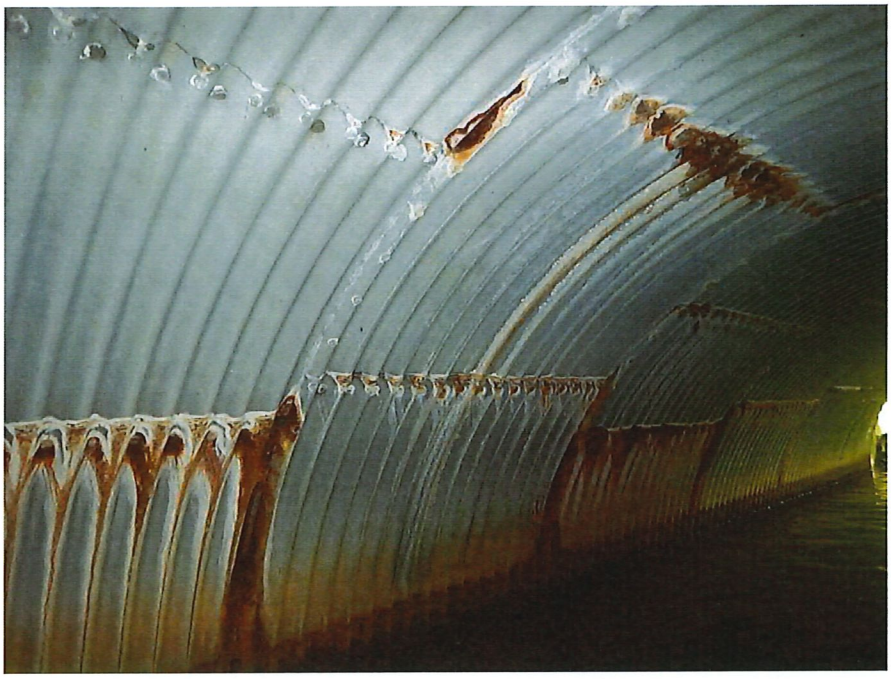
5. General view of the roadway over the culvert, looking ahead.

6. General view of the culvert underside, looking right.

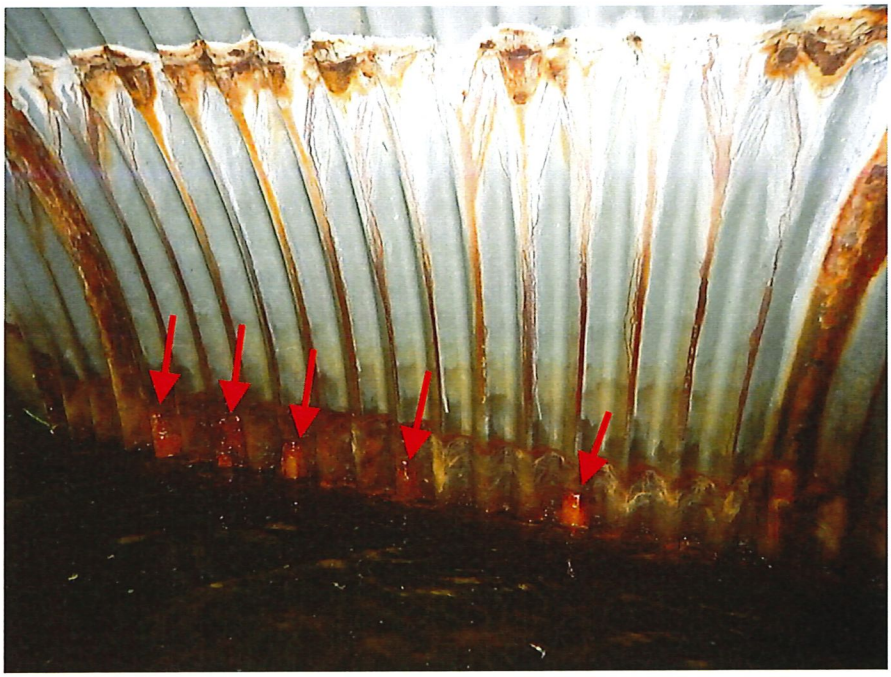
7. Arch sections 1 and 2 at the near end, looking back. Note the severe rust with holes above the footing.

8. Arch seam along joint 5, looking right. Note the heavy rust along the apex.

**BMS ID: 46 7110 0020 0001**
**Maryland Road over Tributary to Pennypack Creek**



9. Far end of culvert, looking right. Note the typical heavy rust along the seams.



10. Arch sections 11 and 12 at the near end, looking back. Note the severe rust with holes and active leakage above the footing.

pennsylvania
DEPARTMENT OF TRANSPORTATION

**SITE DATA**

**Form A**

Form D-450A

5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

1A09 **Inspection Status:** 2 - Submitted
7A02 **Team Leader:** 3225 Specialty Engineerin MATHEWS
7A03 **Inspection Type:** P - Problem area
7A05 **Inspected By:** 8 - Consulting Firm

## Structure Description

5A08 **FHWA Facility Carried:** MARYLAND ROAD
5A07 **Features Intersected:** TRIB TO PENNYPACK CREEK
5A09 **Location:** W OF EASTON RD 3258K05
5C01 **Roadway Name:** Maryland Road
5A06 **City / Borough Name:** 46/110 - UPPER MORELAND
6B48 **Combust. Mat. Under Bridge:** 12 - No Reportable Materials
**Combust. Mat. Under Bridge Note:**

## Structure Type ( Dept )

| Main | | Approach | |
|---|---|---|---|
| 6A26 **Material Makeup:** | 1 - Steel | 6A26 **Material Makeup:** | |
| 6A27 **Physical Makeup:** | 9 - Other or none | 6A27 **Physical Makeup:** | |
| 6A28 **Span Interaction:** | 9 - Other | 6A28 **Span Interaction:** | |
| 6A29 **Structural Config:** | 32 - Arch culvert | 6A29 **Structural Config:** | |

## Sign Information

| ID01 Type of Sign | ID02 Sign Needed | ID03 Sign Message | ID04 Near Adv | ID06 Bridge Site Near | ID07 Bridge Site Far | ID05 Far Adv | Comments |
|---|---|---|---|---|---|---|---|
| 0 - Bridge | No | | | | | | |
| 1 - Bridge Weight Limit | No | | | | | | |
| 2 - Except Combinations | No | | | | | | |
| 3 - One Truck at a Time | No | | | | | | |
| 4 - Vertical Clearance On | No | | | | | | |
| 5 - Vertical Clearance Under | No | | | | | | |
| 6 - One Lane Bridge | No | | | | | | |
| 7 - Narrow Bridge | No | | | | | | |
| 8 - Hazardous Clearance | No | | | | | | |
| 9 - Other | No | | | | | | |

## Features Intersected

| 6C02 SR ID SR | 6C02 SR ID Seg | 5C03 On/ Under | 5B09 Skew Angle | 5C06 Dir | 5C29 NHS | 4A20 Min Lat Cl Left | 4A19 Min Lat Cl Right | 6C18 Tot Hor Cl Left | 6C19 Tot Hor Cl Right | 6C20 Min Vrt Cl Rdwys Left | 6C21 Min Vrt Cl Rdwys Right | 6C22 Vrt Cl Over 10ft Left | 6C23 Vrt Cl Over 10ft Right | 6B17 ADT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| _ | _ | 1 | -1 | N/A | 0 - Not on NHS | -1.0 | -1.0 | -1.0 | 40.5 | 99.9 | 99.9 | 99.9 | 99.9 | 5000 |
| | | A | -1 | N/A | | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | 8.6 | -1.0 | -1.0 | |



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5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

## Vertical Details

| 6C02 SR ID SR | 6C02 SR ID Seg | 5C03 On/ Under | 6C35 Left Vertical Clearance Signing | 6C37 Left Vertical Clear Posting | 6C36 Right Vertical Clearance Signing | 6C38 Right Vertical Clear Posting |
|---|---|---|---|---|---|---|
| _ | _ | 1 | | 0 ft 0 in | 0 - not req/not existing | 0 ft 0 in |
| | | A | | 0 ft 0 in | | 0 ft 0 in |

6B15 **Design Exceptions:** _

6A50 **Sup Latent Problem:**

6A51 **Sub Latent Problem:**

## Deck Geometry

6B14 **Table Used for Appraisal:**

### Controlling Values

5C10 **ADT:** 5,000

5C27 **Bridge Road Width:** 40.5

4A10 **Appraisal:** N - Not applicable (NBI)

**Notes:** 3 Lanes w/ 2 Way traffic and 5000 ADT (Assumed)

4A11 **Underclr Appr:** N - Not applicable (NBI)

6B13 **Controlling Vertical:** -1.0 FT

**Controlling Lateral:**

## Traffic Safety Features

| Feature Type | IA01 Location | IA02 Adequacy Rating | IA03 Description | 5C08 Posted Spd Lmt (mph) |
|---|---|---|---|---|
| 1 - Railing | | 2 - Req not provided | | 35 |

**Comment:** Culvert under fill.
4' High pedestrian chain-link fence mounted on headwall that is 9" above the roadway surface; Fence along right side is damaged at the far end with (1) bent post. Considered inadequate due to clear distance of 8.5' inside the clear zone of 16' on a high ADT roadway.

| | | | | |
|---|---|---|---|---|
| 2 - Transition | | 2 - Req not provided | | 35 |

**Comment:** None provided, but required.

| | | | | |
|---|---|---|---|---|
| 3 - Approach Guiderail | | 2 - Req not provided | | 35 |

**Comment:** None provided, but required.

| | | | | |
|---|---|---|---|---|
| 4 - Approach railend | | 2 - Req not provided | | 35 |

**Comment:** None provided, but required.

## Approach Alignment

4A02 **Code:** N - Not Applicable

**Comment:** Culvert under fill.



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5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

## Approach Roadway

6B39 **Code:** N - N/A

**Pavement:** THE APPROACH ROADWAY CONDITION WAS NOT EVALUATED AS PART OF THE MAY 26, 2020 PROBLEM AREA INSPECTION. ONLY ELEMENTS WITH OUTSTANDING PRIORITY 1 REPAIR RECOMMENDATIONS WERE EVALUATED. THE FOLLOWING APPROACH ROADWAY CONDITION DESCRIPTION IS TAKEN FROM THE 2019 INITIAL (FIRST TIME) INSPECTION.

Bituminous - Minor wear throughout. Left lane has newer bituminous; HL-1/8" wide partial width transverse crack at NL inlet. Right lane has a large bituminous patch (100 SF) at the near right.

**Drainage:** Curbed at all corners, Inlet at NL & FR - Far right inlet is partially covered with debris.

**Shoulders:** None.

## Approach Slab

6B38 **Code:** N - N/A

**Pavement:** None.

6B04 **Bump at Bridge:** No Bump

6A39 **Relief Joints:** 0 - Joints not present 6A41 **Number of Joints:** 0

**Comment:** None.

6B02 **New Wearing Surface Under Bridge:** No



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# DECK AND SUPERSTRUCTURE DATA

Form B

5A01 SR ID: 46711000200001 5A03 BR Key: 57164 7A01 Inspection Date: May 26, 2020

## Deck Wearing Surface

### Main

5B02 Type of Wearing Surface: N - N/A (no deck (NBI))
5B03 Type of Memb. Water-Proof: N - N/A (no deck (NBI))
5B04 Deck Corrosion Protection: N - N/A (no deck (NBI))
6A33 Thickness: -1.0
6A34 Date Recorded: 01/01/1901

### Approach

6A30 Type of Wearing Surface:
6A31 Type of Memb. Water-Proof:
6A32 Deck Corrosion Protection:
6A33 Thickness: -1.0
6A34 Date Recorded: 01/01/1901

6B40 Condition Rating: N - Not applicable

IC02 Dk WS Notes: THE WEARING SURFACE CONDITION WAS NOT EVALUATED AS PART OF THE MAY 26, 2020 PROBLEM AREA INSPECTION. ONLY ELEMENTS WITH OUTSTANDING PRIORITY 1 REPAIR RECOMMENDATIONS WERE EVALUATED. THE FOLLOWING WEARING SURFACE CONDITION DESCRIPTION IS TAKEN FROM THE 2019 INITIAL (FIRST TIME) INSPECTION.

Bituminous - Minor wear throughout; HL-1/8" wide partial width transverse at far left; HL-1/16" longitudinal crack along the center of the left lane.

Sidewalk - Several panels are settled up to 1/4" high. Left sidewalk has (1) panel with severe scale and another panel with a full width 1/4" wide transverse crack.

## Expansion Joints:

6A41 Number of Expansion Joints: 0

| Joint Number | VD25 Joint Type | VD26 Movement Class | VD27 Manufacture Code |
|---|---|---|---|
| 0 | | | |

### Bridge Cleaning

VD31 Bridge Seat Cleaning: 0
VD32 Bridge Seat Cleaning Note:
VD33 Scuppers w/ Downspouts: 0
VD34 Scuppers w/o Downspouts: 0

## Deck

1A01 Condition Rating: N - Not applicable
6B07 Est. Spall Delamination: -1.00%
6B08 Date: 01/01/1901
6B10 Est. Chloride Content: -1.00%
6B11 Date: 01/01/1901
1A07 Unrepaired Spalls: -1.00 SF
6B47 Deck Cracking Metric: 0.00 YD/SY
Deck Top:
Deck Underside:
Deck Drainage:
Expansion Joints:
Deck Notes:

## Superstructure

1A04 Condition Rating: N - Not applicable
Narrative:
Girders/Beams:
Floorbeams:
Stringers:
Diaphragms:



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5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

**Truss Members:**

**Portals/Bracings:**

**Bearings:**

**Drainage System:**



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# UNDERWATER INSPECTION

## Form G

5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

IU00a **UW Reviewer Action:**

IU00b **Reviewer Comments:**

IU02 **Number of Units:** 0

IU03 **SCBI Source:** O - observed

IU04 **Overall SCBI:** 7

IU04b **SCBI Recalculated:** ☐

IU01 **Recalculate SCBI:** 0 - no recalc needed

4A08 **SCBI:** 7 - Countermeasures

4A08b **Scour Critical Category:** D

IU06 **Streambed Material #1:** C8 - Paved/good cond

IU06 **Streambed Material #2:**

IU07 **Notes:** Concrete floor between U/S & D/S wingwalls

### Current Countermeasures

| CM Num | IU21 Type | IU22 Location | IU23 Condition | IU24 Subunit |
|---|---|---|---|---|
| 0 | 4 - Conc Encasement | 5 - Channel | 1 - Good | C - CIN |
| 1 | 4 - Conc Encasement | 5 - Channel | 1 - Good | C - COU |

### Possible Countermeasures

| PCM Num | IU25 Location | IU26 Work Candidate |
|---|---|---|

### SAR Calculation Data

IU08 **Debris Potential:** 1 - Medium

IU09 **Trapping Potential:** 2 - High

IU10 **Pressure Flow:** 0 - No

IU11 **NAB Location:** 2 - Right

IU12 **FAB Location:** 1 - Left

#### US Left Wingwall

IU13 **Presence:** 1 - Yes

IU14 **Condition:** 1 - Good

#### US Right Wingwall

IU15 **Presence:** 1 - Yes

IU16 **Condition:** 1 - Good

#### Horizontal Debris Blockage

IU17 **Start:** 0

IU18 **End:** 0

#### Vertical Debris Blockage

IU19 **Start:** 0

IU20 **End:** 0



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5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

## Sub Unit OSA Data

### Observed Scour Rating Components

| IN01 Sub Unit | IN12 Pier/ Abut Type | IN13 Inv. Found Type | IN14 Found Type | IN15 Strmbd Mat | IN19 Move Ind | IN04 Chg Since Last Insp | IN05 Scour Hole | IN06 Debris Potential | IN07 Scour-ability | IN08 Opening Adeq. / Channel | IN09 Sediment | IN10 Align-ment | IN11 Velocity/ Stream Slope | IN03 Observed Scour Rating |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B - FAB | 5 | P | 5 | C7 | 0 | 7 | 9 | 6 | 7 | 8 | 9 | 6 | 7 | 6 |
| B - NAB | 5 | P | 5 | C7 | 0 | 7 | 9 | 6 | 7 | 8 | 9 | 7 | 7 | 6 |

### Other Subunit Details

| IN01 Sub Unit | IN16 UW Insp Type | IN18 Water Dept | IN17 Observed Scour Depth | IN20 Scour Undermine | IN21 Counter-measures | IN02 Info from Current Insp | IN22 100 yr Flood Calc Scour Depth | IN23 500 yr Flood Calc Scour Depth | IU27 SCBI Code |
|---|---|---|---|---|---|---|---|---|---|
| B - FAB | E | 1.2 | 0.0 | 0 | 1 | 0 | -1.0 | -1.0 | 7 |

IN24 **Notes:** THE STRUCTURE WAS NOT EVALUATED FOR SCOUR AS PART OF THE MAY 26, 2020 PROBLEM AREA INSPECTION. ONLY ELEMENTS WITH OUTSTANDING PRIORITY 1 REPAIR RECOMMENDATIONS WERE EVALUATED. THE FOLLOWING SCOUR DESCRIPTION IS TAKEN FROM THE 2019 INITIAL (FIRST TIME) INSPECTION.

No scour - Footing exposed up to 0.7' high with concrete floor in front for full length; Concrete apron at both ends of the floor paving.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| B - NAB | E | 1.0 | 0.0 | 0 | 1 | 0 | -1.0 | -1.0 | 7 |

IN24 **Notes:** THE STRUCTURE WAS NOT EVALUATED FOR SCOUR AS PART OF THE MAY 26, 2020 PROBLEM AREA INSPECTION. ONLY ELEMENTS WITH OUTSTANDING PRIORITY 1 REPAIR RECOMMENDATIONS WERE EVALUATED. THE FOLLOWING SCOUR DESCRIPTION IS TAKEN FROM THE 2019 INITIAL (FIRST TIME) INSPECTION.

No scour - Footing exposed up to 0.8' high with concrete floor in front for full length; Concrete apron at both ends of the floor paving; Upstream apron exposed up to 0.3' high at near left end.

## Underclearance

IL09 **Origin Description:**
IL10 **Horizontal:**
IL11 **Vertical:**
IL12 **Notes:**



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**CULVERT DATA**

**Form H**

Form D-450H

5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

1A03 **Culvert Condition Rating:** 4

**Narrative:** Corrugated Steel Arch Culvert (Under Fill)

5/26/2020 Problem Area Inspection:
No significant changes since the 2019 Initial inspection.

VD19 **Length of Culvert Barrel:** 121.0 **FT**

| # | Opening Type | Length | Min Fill Height | Max Fill Height | Eff Width |
|---|---|---|---|---|---|
| 0 | A | 121.00 | 2.00 | 2.30 | 16.00 |

**Top Slab:** N/A

**Barrel:** Moderate to severe rust up to 1' high above the footings for full length along both ends; Severe rust along seams 5-12 at near end and 5, 11, 12 and 13 at far end. Rusted areas exhibit up to 1/16" section loss (original section 3/16"). Minor to moderate efflorescence along the bolt lines.

Areas of 100% section loss:
- Section 1 and 2 at near end have holes up to 11"L x 3"H at 4.5'-11', 13' and 14.5' from the left end above the footing.
- Section 7 has a 6"H x 3"W area of 100% section loss at seam with section 8 at the near end.
- Section 11 and 12 have a few holes up to 4"H x 2"L with active leakage above the footing at the near end.
- Random holes up to 1" diameter above the footing along both sides.

**Floor Paving:** Concrete - Culvert floor is paved for full length, minor to moderate abrasion throughout; Footing exposed up to 0.8' high above the floor for full length along both ends. Concrete apron at both ends of the floor paving; Upstream apron exposed up to 0.3' high at the near left end.

**Headwall:** Left headwall has (3) HL-1/16" full height vertical cracks at the 1/4 point; Right headwall has (3) HL-1/16" cracks at the near 1/3 point and (1) HL-1/16" crack at the far 2/3 point.

**Wings:** Reinforced concrete (Integral) - WNL has a (1 SF) spall at the base adjacent to the inlet; WNR, WFL & WFR have no significant defects. WFL has an 18" dia. RCP that is partially blocked with debris.

**Settlement:** None observed.

**Debris:** Minor debris (1 CY) adjacent to WFL at RCP.



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# CHANNEL AND WATERWAY DATA

Form J

Form D-450J

5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

## Channel

1A05 **Channel/ Channel Protection Cond. Rating:** 5

**Channel:** THE CHANNEL CONDITION WAS NOT EVALUATED AS PART OF THE MAY 26, 2020 PROBLEM AREA INSPECTION. ONLY ELEMENTS WITH OUTSTANDING PRIORITY 1 REPAIR RECOMMENDATIONS WERE EVALUATED. THE FOLLOWING CHANNEL CONDITION DESCRIPTION IS TAKEN FROM THE 2019 INITIAL (FIRST TIME) INSPECTION.

Stream flows from left to right with a skew less than 30° and full width of the opening; Channel is paved for full length of the culvert with a concrete apron at both ends that extends up to the end of the wingwalls; Minor scour at the upstream apron.

**Banks:** Upstream banks are well vegetated and are lined with small scattered rocks. Downstream banks exhibit minor bank scour (1'-2' high); FR bank has a 8'L x 4'H x 4' Dp area of erosion below a drainage pipe that partially extends behind WFR.

**Streambed Movements:** None observed.

**Debris, Vegetation:** Large dead tree stump (1 CY) at WFL; Dead tree (2 CY) overhanging the downstream channel at the downstream opening.

**River Control Devices:** None.

**Embank/Strmbed Contr:** None.

**Drift Other:** None.

## Waterway Adequacy

1A06 **Appraisal Code:** 8

**Narrative:** Top of culvert roadway above near approach; Slight chance of overtopping.

IL02 **Overtop Risk:** S - Slight

IL03 **Traffic Delay:** I - Insignificant

5C22 **Functional Class:** 17 - Urban Mjr Collector

IL13 **Worst Flood Event:**

IL14 **Worst Flood Event Date:** January 01, 2001

### High Water Mark

IL05 **Elevation:** -1 IL06 **Date:** January 01, 1901 IL07 **New High Water Mark:** No

**Narrative:** Datum: Left end at apex - Apex to floor paving = 8.8'; Water depth = 0.2'.



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Form K

5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

## Paint Condition

6B36 **Paint Cond Rating:** N - Not Applicable 6B37 **Ext of Paint Cond:** N - Not Applicable

6B35 **New Paint:** 0 - no new paint

**Int Beam / Gird:** Corrugated Steel Arch Culvert.
**Fascias:** N/A
**Splsh Zone Truss Gird:** N/A
**Truss:** N/A
**Bearings:** N/A
**Other:** N/A

## Load Ratings

IR01a **Load Rating Review Recommended:** Recalc not required
**Due To:**

IR03 **Calculation Date:** February 12, 2020

IR02 **Rating Approval Date:** February 12, 2020

## Load Rating Details

| | IR10 | IR11 | IR11a | IR21 | IR20 | IR05 | IR06 | IR07 | IR16 | IR14 | IR15 | IR13 | IR12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOAD TYPE | IR LOAD | OR LOAD | SLC RATING | IR Rating Factor | OR Rating Factor | NBI IND | RTNG ANAL METH | CONT MEM TYPE | ANALYSIS ENGINEER | AASHTO MANU | AASHTO SPEC YEAR | OPR GOV CRIT | INV GOV CRITERI |
| 1 | 25 | 29 | -1 | -1.00 | -1.00 | 0 | 2 | 9 | Specialty Enginering, | 2000 | 1996 | | |
| **Notes Description:** | | | | | | | | | | | | | |
| 2 | 45 | 52 | 42 | | | 1 | 2 | 9 | Specialty Enginering, | 2000 | 1996 | | |
| **Notes Description:** | | | | | | | | | | | | | |
| 8 | 73 | 84 | 67 | | | 0 | 2 | 9 | Specialty Enginering, | 2000 | 1996 | | |
| **Notes Description:** | | | | | | | | | | | | | |
| 0 | 99 | 115 | 92 | | | 0 | 2 | 9 | Specialty Enginering, | 2000 | 1996 | | |
| **Notes Description:** | | | | | | | | | | | | | |

## Posting

VP01 **Status Date:** 10/11/2019
VP02 **Posting Status:** A - Open, no restriction
VP03 **Special Restrictive Posting:**
VP04 **Posted Weight Limit:** -1 ton
VP05 **Posted Limit Combination:** -1 ton
VP06 **Posting Reason:**



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5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

## Proposed Maintenance Items :-

| IM01 Type of Work | IM03 Action | IM04 Est Qty | UOM | IM05 Priority | IM06 Init Recm'd Date | IM08 Target Year | IM11 Work Assign |
|---|---|---|---|---|---|---|---|
| Flexible | 48 - C745203-RPR.CULV.BARREL | 337 | SY | 1 | 11/25/2019 | 2020 | 1 - Contractor |

IM07 **Status:** 2 - Work planned/Contr IM15 **Notes:** #1 N/A
#2 Repair the culvert segments with advanced section loss and small to large holes (Priority 1). Remaining estimated useful life is 0 years. Clean and apply rust inhibitor along full length of culvert (Priority 2).
#3 Priority Notification Letter was sent to Upper Moreland Township on 11/26/19. Phone call and message left with Township on 11/26/19.
#4 Priority Notification Letter was sent by email to Upper Moreland Township on 5/27/20. David Elsier (Director of Public Works) responded by email on 5/28/20 that he will be meeting the Township's Structural Engineer at the site.
#4 Township Engineer emailed SEI on 1/8/20 that they will conduct a site visit and explore repair options.
#5 A problem area inspection was performed by SEI on 5/26/2020, no repairs were observed. A Priority 1 Notification Letter was sent to Upper Moreland Township on 5/27/2020.

IM09 **Location:** NL, NR Corners P1 = 2 SY; P2 = 335 SY

---

Flexible 27 - RDGDERL-CONNECT GDERAIL TO BR 4 EA 2 11/25/2019 0
IM07 **Status:** 0 - Work not planned IM15 **Notes:** Install current standard safety features at all corners.
IM09 **Location:** LNR, LFR

---

Flexible 17 - RLGSTRM-RPR/RPL.STR.MTD.G.R. 76 LF 2 11/25/2019 0
IM07 **Status:** 0 - Work not planned IM15 **Notes:** Install current standard structure mounted guiderail.
IM09 **Location:** LT, RT

---

Flexible 39 - E744303-RPRCONCSIDEWALK 3 SY 3 11/25/2019 0
IM07 **Status:** 0 - Work not planned IM15 **Notes:** Repair the deteriorated sidewalk panels.
IM09 **Location:** LT

---

Flexible 18 - RLGPEDN-RPR/RPL.PED.RLG 10 LF 3 11/25/2019 0
IM07 **Status:** 0 - Work not planned IM15 **Notes:** Repair the damaged pedestrian fence at the far right corner.
IM09 **Location:** FR

---

Flexible 13 - B745301-CONST RCK PROTECT 4 CY 3 11/25/2019 0
IM07 **Status:** 0 - Work not planned IM15 **Notes:** Place rock along the near right bank, far right bank, far right wingwall and along the exposed upstream apron.
IM09 **Location:** NR, FR, WFR, CIN

---

Flexible 3 - ECREMVG-REMOVE VEG/DEBRIS 3 CY 3 11/25/2019 0
IM07 **Status:** 0 - Work not planned IM15 **Notes:** Remove timber debris in the downstream channel.
IM09 **Location:** DS

---

Flexible 10 - BITWRGS-RPR/RPL.BIT.W.S. 1 SY 4 11/25/2019 0
IM07 **Status:** 0 - Work not planned IM15 **Notes:** Seal the cracks in the wearing surface above the culvert.
IM09 **Location:** 1

---



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5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

| IM01 | IM03 | IM04 | | IM05 | IM06 | IM08 | IM11 |
|---|---|---|---|---|---|---|---|
| **Type of Work** | **Action** | **Est Qty** | **UOM** | **Priority** | **Init Recm'd Date** | **Target Year** | **Work Assign** |
| Flexible | 29 - A745201-RPR/RPL.HDWL/WING | 2 | SY | 4 | 11/25/2019 | 0 | |

IM07 **Status:** 0 - Work not planned IM15 **Notes:** Repair the left and right headwalls.

IM09 **Location:** LT, RT

## Completed Maintenance Items :-

| IM01 | IM03 | IM04 | | IM05 | IM14a | IM08 | IM11 |
|---|---|---|---|---|---|---|---|
| **Type of Work** | **Action** | **Est Qty** | **UOM** | **Priority** | **Completed Date** | **Target Year** | **Work Assign** |

Err

IM07 **Status:** IM15 **Notes**

IM09 **Location:**



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# INSPECTION ADMINISTRATION

## Form P

5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

## Current Inspection

7A03 **Primary Type:** P - Problem area

7A06 **Types of Inspections Performed:**

| NBI | Underwater | Element | Fracture Critical | Other Special |
|---|---|---|---|---|
| No | No | No | No | No |

## Actual Inspection Workforce Hours

| | | | | | |
|---|---|---|---|---|---|
| 6B26 | **NBI Crew:** | 14.00 | 6B30 | **Underwater:** | 0.00 |
| 6B28 | **Fracture Critical:** | 0.00 | 6B29 | **Other 1:** | 0.00 |
| 6B27 | **Crane:** | 0.00 | 6B31 | **Other 2:** | 0.00 |

## Inspection Costs (Entered to nearest dollar)

| | | | | | |
|---|---|---|---|---|---|
| 6B32 | **Engineering:** | 1713 | 6B33 | **Rigging:** | 0 |
| | | | 6B34 | **Office:** | 0 |

**Special Equip Used:**

| | | | | | |
|---|---|---|---|---|---|
| 6B12 | **Temperature:** | 70.0 | 6B09 | **Weather:** | 1 - Clear |

6B03 **Inventory Review Recommended:** No

**Change Notes:**

## Inspection Team

7A05 **Inspected By:** 8 - Consulting Firm

7A02 **Team Leader:** Specialty Engineerin MATHEWS

6B23 **Team Member:** Ilir Marku, E.I.T., CBSI

6B24 **Hired By:** 1

6B25 **Insp Contract Num:** E04595

2A02 **Inspection Notes:** 5/26/2020 Problem Area Inspection:
- Specialty Engineering Inc, performed a Problem Area Inspection to monitor the deteriorated steel arch barrel for a Priority 1 Recommendation that was made during the previous 11/25/2019 inspection.

Work done since 11/25/2019 inspection:
- None observed.

11/25/2019 Initial Inspection:
The DVRPC recently performed a survey of bridges located within PennDOT District 6-0 and identified this structure as not previously inventoried or being inspected. An initial inspection was completed on November 25, 2019.

Priority 1 notification letter was sent to Lower Providence Township on 11/26/2019.

S.C.B.I. calcultor was run in iForms for the 11/25/2019 Inspection and returned a SCBI code of '7', based on the S.C.B.I. code of '7' the culvert is not considered scour critical.

6B49 **Inaccessible Portion of Structure:**

IC01 **Inaccessible Inspection Location:**

**Damage Inspection Comment:**



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5A01 **SR ID:** 46711000200001 5A03 **BR Key:** 57164 7A01 **Inspection Date:** May 26, 2020

## Next Inspection

7A14 **Next Inspection By:** 8 - Consulting Firm

6B20 **Next Insp Type:** I - Interim (special)

### Schedule

| Insp Types | 7A07 Required | 7A09 Frequency | 7A10 Next Date |
|---|---|---|---|
| NBI: | ---- | 24 | November 25, 2021 |
| Fracture Critical: | No | -1 | January 01, 1901 |
| Underwater: | No | -1 | January 01, 1901 |
| Other Special: | Yes | 12 | November 25, 2020 |
| Element: | No | -1 | January 01, 1901 |
| Crane: | ---- | 6B21 | January 01, 1901 |

7A19 **Ext Insp Interval Eligiblity** No 7A20 **Ext Insp Interval Concurrence** No

6B01 **Special InspType:**

### Estimated Inspection Workforce Hours

7A12 **NBI Crew:** 0.00 7A17 **Underwater:** 0.00

7A15 **Fracture Critical:** 0.00 7A16 **Other 1:** 0.00

7A13 **Crane:** 0.00 7A18 **Other 2:** 0.00

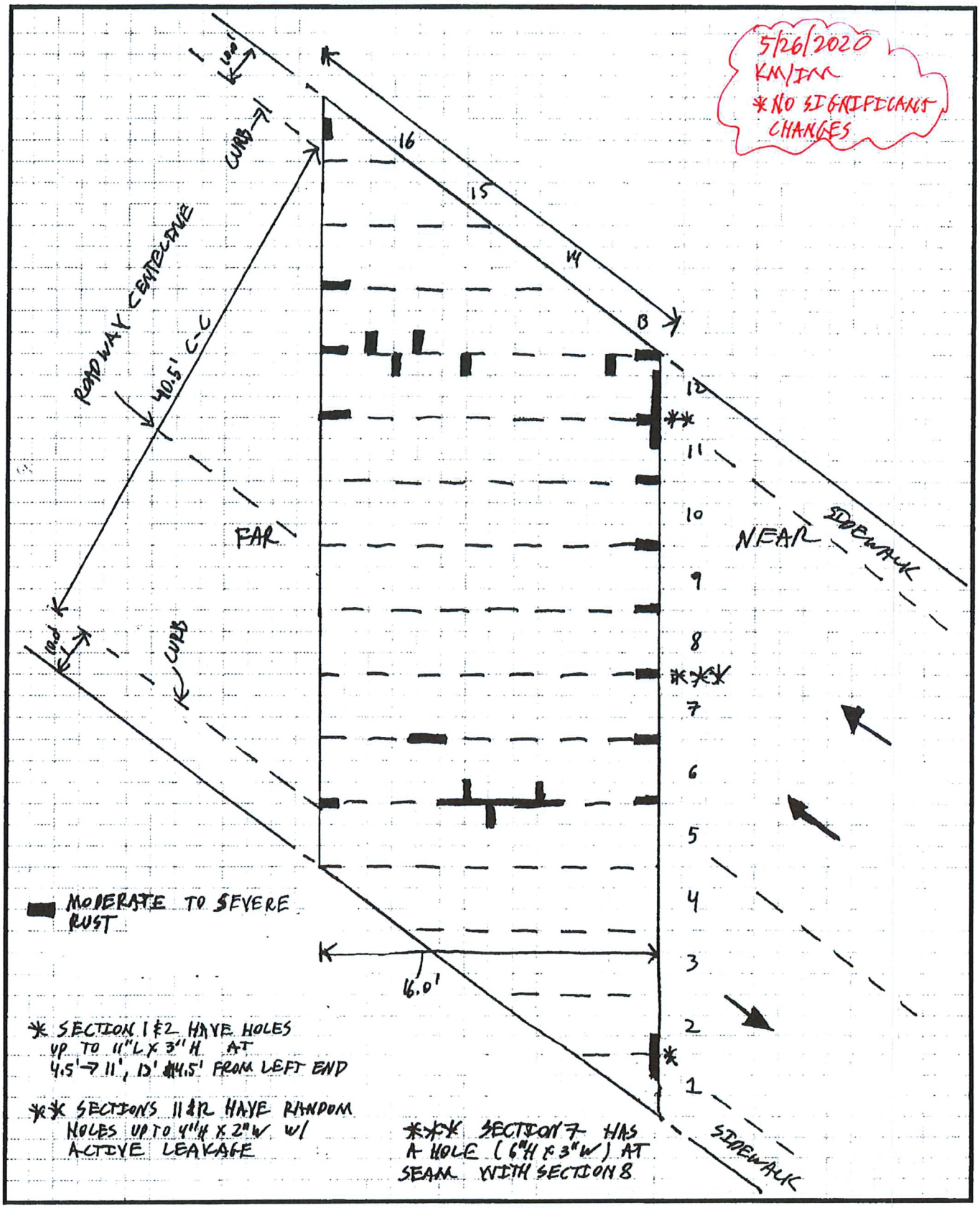


*This document includes structure safety inspection information that is confidential pursuant to 65 P.S. §66.1 et seq., 75 Pa. C.S. §3754 and 23 U.S.C. §409 and may not be disclosed or used in litigation.*

**SPECIALTY ENGINEERING, INC.**
*Consulting and Research Engineers*
BMS No. 46 7110 0020 0001

# FIELD NOTES

PROJECT E04595
SHEET NO. 3 OF 7
BY IM/JZ DATE 11/25/2019



**SPECIALTY ENGINEERING, INC.**
Consulting and Research Engineers

May 27, 2020

Mr. David Elsier
Director of Public Works
Upper Moreland Township
117 Park Avenue
Willow Grove, PA 19090

Re: BMS No. 46 7110 0020 0001
BRKEY 57164
Maryland Road over Tributary to Pennypack Creek

Dear Mr. David Elsier,

Pickering Corts and Summerson is under contract with PennDOT to perform the inspections of locally owned bridges within District 6-0. Specialty Engineering is supporting Pickering Corts and Summerson with this contract and performed a Problem Area Inspection of the subject bridge on 5/26/2020. The Problem Area Inspection was performed due to the High Priority 1 maintenance recommendation submitted along with the 11/25/2019 Initial inspection. Specialty Engineering reported that the single cell steel corrugated culvert has advanced section loss with several holes along the concrete footing. The near end of the culvert inlet has a 6.5' long area with intermittent holes up to 11" long x 3" high. The right end of the culvert has a few 1" diameter holes with active leakage. The steel corrugated barrel has not been repaired at this time and there are no significant changes from the conditions noted during the 11/25/2019 Initial Inspection.

The following High Priority '1' Repair is being resubmitted since no repairs have been made, and in accordance with PennDOT Publication 238, Upper Moreland Township should complete the maintenance repair within six (6) months of notification.

- Repair/replace the culvert segments with advanced section loss and small to large holes. (2 SY)

I have included photos for your review. Should you have any questions or require any additional information, please do not hesitate to contact myself or Peter Kim at our office.

Sincerely,
Specialty Engineering, Inc.

"Leon" Lung-Yang Lai, Ph.D., P.E., S.E.
President

cc: Shawn Larkins - PennDOT
Margaret Sherman - PennDOT/Consultant Partner
Kevin Gross - PCS

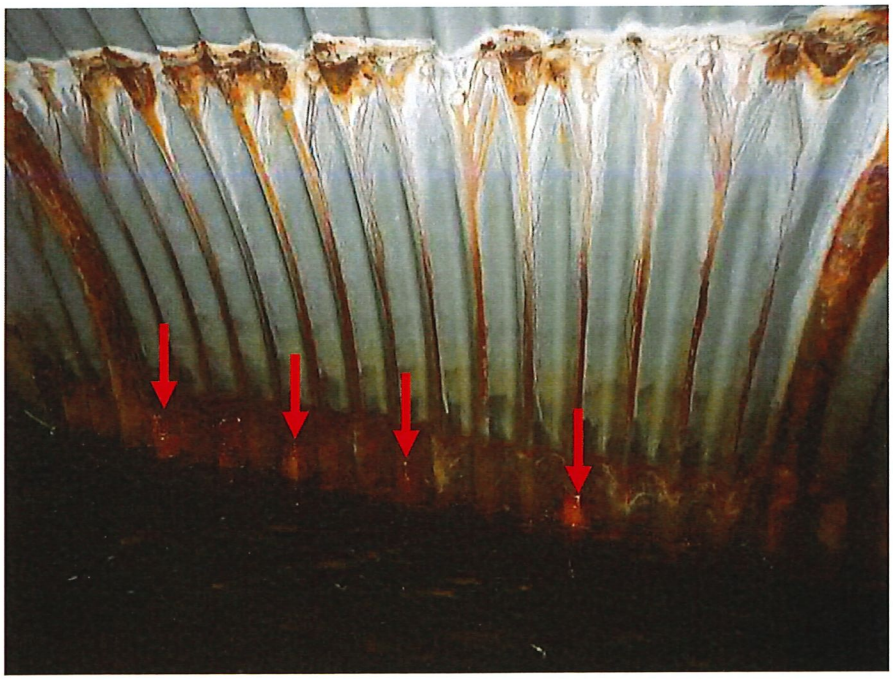
**BMS ID: 46 7110 0020 0001**
**Maryland Road over Tributary to Pennypack Creek**

1. Near approach, looking ahead.

2. Left elevation of the bridge, looking right.

**BMS ID: 46 7110 0020 0001**
**Maryland Road over Tributary to Pennypack Creek**

3. Culvert at near left corner, looking back. Note the holes along the concrete footing.



4. Culvert at near right corner, looking back. Note the small holes with active leakage.

***COMMONWEALTH OF PENNSYLVANIA***
***DEPARTMENT OF TRANSPORTATION***

***WINTER TRAFFIC SERVICES 5 – YEAR***

| | |
|---|---|
| ***AGREEMENT NO*** | **3900039351** |
| ***FID/SSN*** | **23-6004595** |
| ***SAP VENDOR No.*** | **139210** |

**THIS AGREEMENT**, fully executed and approved this _____ day of _____, **20**__, by and between the COMMONWEALTH of Pennsylvania, acting through the Department of Transportation ("COMMONWEALTH").
**AND**
**Upper Moreland Township** of the COMMONWEALTH of Pennsylvania, acting through its authorized officials ("MUNICIPALITY").

**WITNESSETH;**

**WHEREAS**, certain public highways, including bridges with their approaches, in the MUNICIPALITY have been adopted and taken over as part of the State Highway System, to be constructed, improved and maintained by the COMMONWEALTH, upon the terms and conditions and subject to the limitations contained in the Act of May 29, 1945, P.L. 1108; the Act of June 1, 1945, P.L. 1242; and the Act of September 18, 1961, P.L. 1389; all as supplemented and amended; and,

**WHEREAS**, the MUNICIPALITY has the equipment, materials and personnel available and ready to perform snow and ice clearance together with the application of anti-skid and/or de-icing materials for certain State Highways, including bridges with their approaches, within the MUNICIPALITY, in a prompt and efficient manner and has signified its willingness to furnish these winter traffic services for the COMMONWEALTH during the Winter Season(s) of **2020-2021; 2021-2022; 2022-2023; 2023-2024; and 2024-2025** (the "Winter Season" for the purpose of this Agreement shall be the period from October 15 to April 30 of each season), subject to payment by the COMMONWEALTH to the MUNICIPALITY as described in this Agreement; and

**WHEREAS**, the MUNICIPALITY shall conduct its winter traffic services in a manner satisfactory to the COMMONWEALTH, in order to facilitate the safe and unimpeded flow of vehicular traffic over said State Highways within the MUNICIPALITY in accordance with the terms, covenants and conditions hereinafter set forth in this Agreement; and

**WHEREAS**, the MUNICIPALITY shall conduct the winter traffic services for and in the agreed amount during the term of this Agreement, regardless of the amount of work required.

**NOW, THEREFORE**, the parties hereto, for and in consideration of the foregoing premises and of the mutual promises set forth below, with the intention of being legally bound, agree as follows:

1. The MUNICIPALITY shall undertake and accomplish the required snow and ice clearance together with the application of anti-skid and/or de-icing materials for the State Highways, including bridges and their approaches, as indicated in Exhibit "A" attached to and made part of this Agreement. The MUNICIPALITY shall perform all work in accordance with all applicable PennDOT Specifications ("Publication 408"), policies and procedures set forth in the PennDOT Highway Maintenance Foreman Manual ("Publication 113") and the PennDOT Maintenance Manual ("Publication 23"), which all are incorporated by reference into this Agreement as though physically attached. This work shall be performed in a prompt and efficient manner so as to facilitate the safe and unimpeded flow of vehicular traffic over the State Highways within the MUNICIPALITY.

2. If, to undertake and accomplish the duties required in Paragraph (1.), the MUNICIPALITY'S forces must traverse a bridge with a posted weight restriction, the MUNICIPALITY agrees to file a permit application with the posting authority and obtain a permit to traverse the bridge pursuant to 67 Pa. Code Chapter 191. The MUNICIPALITY agrees to refile permit applications as needed during the term of this Agreement and to obtain permits for each succeeding winter season for which this Agreement is renewed. Failure to obtain such permits shall be grounds for termination of this Agreement.

3. The COMMONWEALTH shall pay to the MUNICIPALITY, as reimbursement for the services contracted for in this Agreement, the total sum of the rate established for each particular season, as set forth on Exhibit "A," payable on or before November 15th, for each successive Winter Season through the termination of the Agreement. The starting date of this Agreement shall be the date on which the Agreement has been fully executed and approved by the COMMONWEALTH, or the date agreed to by both the MUNICIPALITY and the COMMONWEALTH, whichever comes later. Further, the MUNICIPALITY shall not be permitted to start any work until notified by the COMMONWEALTH that the Agreement has been fully executed and approved, except as set forth in Paragraph 4 below. The MUNICIPALITY shall perform all services for the rates set forth in Exhibit "A," regardless of the amount of work required. The COMMONWEALTH is not responsible for paying additional amounts when the MUNICIPALITY incurs costs for the work in excess of the established rate or does not otherwise meet the guidelines contained in the "Severe Winter Adjustment" both set forth in Exhibit "A" of this Agreement.

4. The MUNICIPALITY undertakes the responsibilities as an independent contractor and its employees and/or lessors or contractors shall not be considered employees of the COMMONWEALTH for any purpose. This Agreement shall be considered a maintenance contract between a Commonwealth agency and a local agency for purposes of 42 Pa. C.S. 8542(b)(6)(ii), relating to acts which may impose liability on local agencies. Further, this Agreement shall not be construed for the benefit of any person or political subdivision not a party to this Agreement, nor shall this Agreement be construed to authorize any person or political subdivision not a party to this Agreement to maintain a lawsuit on or under this Agreement.

5. In the event a winter emergency occurs that necessitates winter traffic services prior to the execution of this Agreement, the District Executive on behalf of the COMMONWEALTH may issue a written letter to the MUNICIPALITY finding that an emergency exists under Section 516 of the Procurement Code and authorizing the MUNICIPALITY to perform the services required by this Agreement subject to the terms and conditions of this Agreement. If the MUNICIPALITY receives an emergency winter traffic services letter from the District Executive prior to execution of this Agreement, because of the critical need to provide winter traffic services to assure public safety on the State Highway System, the COMMONWEALTH shall pay the MUNICIPALITY for any costs incurred to service State Highways as a result of the onset of winter weather emergency necessitating the provision of the services under this Agreement between the beginning of the Winter Season and full execution of this Agreement.

6. The obligations of the MUNICIPALITY under this Agreement shall terminate and end as of midnight on April 30th for each Winter Season.

7. Work performed by the MUNICIPALITY under this Agreement shall be done to the satisfaction of the COMMONWEALTH. Such work shall be subject to inspection by the Secretary of Transportation, the District Executive, and/or their duly authorized representatives.

8. If the MUNICIPALITY fails to comply with the terms of this Agreement to the satisfaction of the COMMONWEALTH, the COMMONWEALTH may terminate the Agreement upon giving ten (10) days written notice to the MUNICIPALITY. If the Agreement is so terminated, then the COMMONWEALTH shall not be further obligated to pay any amount of money to the MUNICIPALITY and the MUNICIPALITY shall be entitled to funds from the COMMONWEALTH in proportion to the period of the Agreement for which services were provided. Therefore, the MUNICIPALITY shall refund to the COMMONWEALTH the balance of the lump sum payment within thirty (30) days of receiving notice from the COMMONWEALTH of the amount due.

9. The COMMONWEALTH reserves the right to terminate this Agreement for convenience if it determined

that termination is in the best interest of the COMMONWEALTH. If the Agreement is so terminated, then the COMMONWEALTH shall not be further obligated to pay any amount of money to the MUNICIPALITY, the MUNICIPALITY shall not be further obligated to perform, and the MUNICIPALITY shall be entitled to payment for all eligible actual costs incurred by the MUNICIPALITY pursuant to this Agreement up to the date when termination is effective.

10. The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101—3104, applies to this Agreement. Therefore, this Agreement is subject to, and the MUNICIPALITY shall comply with, the clause entitled Contract Provisions – Right to Know Law, attached as Exhibit "B" and made a part of this Agreement. As used in this exhibit, the term "Contractor" refers to the MUNICIPALITY.

11. The MUNICIPALITY shall comply with the following clauses or provisions attached as Exhibit "C" and incorporated here by reference: The most current versions of the Commonwealth Nondiscrimination / Sexual Harassment Clause, the Contractor Integrity Provisions the Provisions Concerning the Americans with Disabilities Act, the Contractor Responsibility Provisions, and the Enhanced Minimum Wage Provisions.

12. The MUNICIPALITY agrees that the COMMONWEALTH may set off the amount of any state tax liability or other obligation of the MUNICIPALITY or its subsidiaries to the COMMONWEALTH against any payments due the MUNICIPALITY under any contract with the COMMONWEALTH.

13. Because the COMMONWEALTH will be making payments under this Agreement through the Automated Clearing House ("ACH") Network, the MUNICIPALITY shall comply with the following provisions governing payments through ACH:

    (a) The COMMONWEALTH will make payments to the MUNICIPALITY through ACH. Within 10 days of the execution of this Agreement, the MUNICIPALITY must submit or must have already submitted its ACH information on a ACH enrollment form (obtained at www.vendorregistration.state.pa.us/cvmu/paper/Forms/ACH-EFTenrollmentform.pdf) and electronic addenda information, if desired to the Commonwealth's Payable Service Center, Vendor Data Management Unit at 717-214-0140 (FAX) or by mail to the Office of Comptroller Operations, Bureau of Payable Services, Payable Service Center, Vendor Data Management Unit, 555 Walnut Street – 9th Floor, Harrisburg, PA 17101.

    (b) The MUNICIPALITY must submit a unique invoice number with each invoice submitted. The unique invoice number will be listed on the Commonwealth of Pennsylvania's ACH remittance advice to enable the contractor to properly apply the state agency's payment to the respective invoice or program.

    (c) It is the responsibility of the MUNICIPALITY to ensure that the ACH information contained in the Commonwealth's Central Vendor Master File is accurate and complete. Failure to maintain accurate and complete information may result in delays in payments.

14. The Department of Transportation and other agencies of the Commonwealth of Pennsylvania may, at reasonable times and places, audit the books and records of the MUNICIPALITY to the extent that they relate to the MUNICIPALITY's performance of this Agreement and the costs incurred by the MUNICIPALITY in providing services under it. The MUNICIPALITY shall maintain the books and records for a period of three (3) years from the date of final payment under the Agreement, including all renewals.

15 The Agreement constitutes the entire agreement between the parties. No amendment or modifications of this Agreement shall be valid unless it is in writing and duly executed and approved by both parties.

16. This Agreement shall automatically renew for succeeding Winter Seasons at the rate established for each particular season unless either party shall terminate upon written notice to the other on or before July 31st preceding the Winter Season in question.

17. The COMMONWEALTH has implemented a Strategic Environmental Management Program (SEMP) which complies with the ISO 14001:2004 standard. As part of SEMP, the COMMONWEALTH has established a Green Plan Policy that can be found at www.dot.state.pa.us and is also posted at the COMMONWEALTH's District and County Offices. The Green Plan Policy is designed to protect the environment, conserve resources and comply with environmental laws and regulations. The MUNICIPALITY shall ensure that its personnel (including the personnel of any of its subcontractors) are aware of the COMMONWEALTH's commitment to protecting the environment, are properly trained about the environmental impacts of their work and are competent (through appropriate work experience, job training or classroom education) to perform the work that they do.

**(THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK)**

**IN WITNESS WHEREOF,** the parties have executed this Agreement.

ATTEST

_____
Title: DATE

MUNICIPALITY

BY _____
Title: DATE

***If a Corporation, the president or Vice-president must sign and the Secretary, Treasurer, Assistant Secretary or Assistant Treasurer must attest; if a sole proprietorship, only the owner must sign; if a partnership, only one partner need sign; if a limited partnership, only the general partner must sign. If a MUNICIPALITY, Authority or other entity, please attach a resolution.***

**DO NOT WRITE BELOW THIS LINE – FOR COMMONWEALTH USE ONLY**

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

BY _____
District Executive Date

APPROVED AS TO LEGALITY
AND FORM

_____
for Chief Counsel Date

Certified Funds Available Under

| | |
|---|---|
| SAP DOCUMENT NO. | **3900039351** |
| SAP FUND | **1058200712** |
| SAP COST CENTER | **7840640000** |
| GL. ACCOUNT | **6344450** |
| AMOUNT | **$472,798.10** |

BY _____
for Comptroller Operations Date

Contract No. **3900039351** is split **0%**, expenditure amount of **0.00,** for federal funds and **100%**, expenditure amount of **$472,798.10** for state funds. The related federal assistance program name and number is **N/A**; **N/A**. The state assistance program name and SAP Fund is **Highway Maintenance**; **582.**

Preapproved Form: OGC No. 18-FA-34.1
Appv'd OAG 11/09/2015

# RESOLUTION

**BE IT RESOLVED**, by authority of the _____
(Name of governing body)
of the _____, _____ County, and it
(Name of MUNICIPALITY)

is hereby resolved by authority of the same, that the _____ of
(designate official title)

said MUNICIPALITY be authorized and directed to sign the attached Agreement on its behalf.

**ATTEST:** _____
(Name of MUNICIPALITY)

_____ By: _____
(Signature and designation of official title) (Signature and designation of official title)

I, _____, _____
(Name) (Official title)

of the _____, do hereby certify that the foregoing
(Name of governing body and MUNICIPALITY)

is a true and correct copy of the Resolution adopted at a regular meeting of the

_____, held the _____ day of _____, 20____.
(Name of governing body)

**DATE:** _____ _____
(Signature and designation of official title)

**NOTE: Signature on the Department signature page of this Agreement must conform with signature on this Resolution.**

2020-21

AGREEMENT NO. 3900039351

## CONTRACT EXHIBIT A

Revised August 13, 2020

YEAR 1

OF 5

COUNTY: Montgomery

MUNICIP: Upper Moreland Township

SAP #

| STATE ROUTE | LOCAL DESCRIPTION | BEGIN SEGMENT | BEGIN OFFSET | END SEGMENT | END OFFSET | SNOW LANE MILES | MFC | RATE PER MFC* | COST |
|---|---|---|---|---|---|---|---|---|---|
| 63 | Computer Avenue to Twp Line (150' East of Kimball Avenue) | 502 | 0000 | 502 | 1931 | 1.1 | B | $1,267.29 | $1,394.02 |
| 63 | Computer Avenue to Easton Road | 503 | 0000 | 523 | 2280 | 3 | B | $1,267.29 | $3,801.87 |
| 263 | Easton Road to Newington Drive | 10 | 0000 | 30 | 2504 | 7.8 | B | $1,267.29 | $9,884.86 |
| 263 | Easton Road to Newington Drive | 11 | 0000 | 31 | 2492 | 6.1 | B | $1,267.29 | $7,730.47 |
| 611 | Moreland Road to Upr Morerland Twp Line | 150 | 0000 | 190 | 1236 | 6.6 | B | $1,267.29 | $8,364.11 |
| 611 | Moreland Road to Upr Morerland Twp Line | 151 | 0000 | 191 | 1191 | 7.5 | B | $1,267.29 | $9,504.68 |
| 2009 | Consolidated Rail to Warminster Road | 80 | 1213 | 110 | 1786 | 3.8 | C | $1,183.74 | $4,498.21 |
| 2026 | Welsh Road to Countyline Road | 10 | 0000 | 60 | 2078 | 10.5 | C | $1,183.74 | $12,429.27 |
| 2026 | Shopping Center Traffic Light to Welsh rd | 11 | 0000 | 11 | 1362 | 0.5 | C | $1,183.74 | $591.87 |
| 2033 | Old York Road to Papermill Road | 30 | 340 | 70 | 3210 | 5.9 | D | $1,095.91 | $6,465.87 |
| 2038 | Route 63 to Old York Road | 70 | 0000 | 80 | 3421 | 5.1 | C | $1,183.74 | $6,037.07 |
| 2040 | Easton Road to Old York Road | 10 | 0000 | 20 | 2732 | 3.7 | D | $1,095.91 | $4,054.87 |
| 2040 | Old York Road to Byberry Road | 30 | 0000 | 30 | 2002 | 1.1 | D | $1,095.91 | $1,205.50 |
| 2042 | Old York Road to County Line Road | 10 | 0000 | 70 | 1567 | 9.3 | C | $1,183.74 | $11,008.78 |
| 2044 | Moreland Road to Terwood Road | 10 | 0000 | 20 | 2358 | 1.9 | D | $1,095.91 | $2,082.23 |

*For the Standard Agreement, rates may vary per county depending on the MFC- see Attachment A Rate Schedule

*For the Actual Cost Agreement, rates may not reflect those that appear on Attachment A because PennDOT is paying actual costs. Rates used must be pre approved by BOMO.

| | |
|---|---|
| MILEAGE MFC B = | 32.1 |
| MILEAGE MFC C = | 29.2 |
| MILEAGE MFC D = | 12.6 |
| MILEAGE MFC E= | 0 |
| TOTAL MILEAGE | 73.90 |

TOTAL COST = $89,053.68

TERMS OF PAYMENT: The Municipality will be compensated with a lump sum payment in the amount indicated as Total Cost, and as adjusted by the Department of Transportation at the end of each year. The Municipality will be compensated with an adjustment to offset severe winters at the following rate. The Municipality will receive an adjustment equal to the percentage of the Department's actual costs (for similar roads serviced) over and above the five-year average for a particular county less a $1,000.00 deductible for Municipalities with agreements totaling $5,000.01 or more and a $500.00 deductible for all others.

| Suggested Total Amount Encumberance | |
|---|---|
| 1st Year: | $89,053.68 |
| 2nd Year: | $91,725.29 |
| 3rd Year: | $94,477.05 |
| 4th Year: | $97,311.36 |
| 5th Year: | $100,230.70 |
| TOTAL: | $472,798.10 |

EXHIBIT B

## Contract Provisions – Right to Know Law

a. The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, ("RTKL") applies to this Contract. For the purpose of these provisions, the term "the Commonwealth" shall refer to the contracting Commonwealth agency.

b. If the Commonwealth needs the Contractor's assistance in any matter arising out of the RTKL related to this Contract, it shall notify the Contractor using the legal contact information provided in this Contract. The Contractor, at any time, may designate a different contact for such purpose upon reasonable prior written notice to the Commonwealth.

c. Upon written notification from the Commonwealth that it requires the Contractor's assistance in responding to a request under the RTKL for information related to this Contract that may be in the Contractor's possession, constituting, or alleged to constitute, a public record in accordance with the RTKL ("Requested Information"), the Contractor shall:

1. Provide the Commonwealth, within ten (10) calendar days after receipt of written notification, access to, and copies of, any document or information in the Contractor's possession arising out of this Contract that the Commonwealth reasonably believes is Requested Information and may be a public record under the RTKL; and

2. Provide such other assistance as the Commonwealth may reasonably request, in order to comply with the RTKL with respect to this Contract.

d. If the Contractor considers the Requested Information to include a request for a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, or other information that the Contractor considers exempt from production under the RTKL, the Contractor must notify the Commonwealth and provide, within seven (7) calendar days of receiving the written notification, a written statement signed by a representative of the Contractor explaining why the requested material is exempt from public disclosure under the RTKL.

e. The Commonwealth will rely upon the written statement from the Contractor in denying a RTKL request for the Requested Information unless the Commonwealth determines that the Requested Information is clearly not protected from disclosure under the RTKL. Should the Commonwealth determine that the Requested Information is clearly not exempt from disclosure, the Contractor shall provide the Requested Information within five (5) business days of receipt of written notification of the Commonwealth's determination.

f. If the Contractor fails to provide the Requested Information within the time period required by these provisions, the Contractor shall indemnify and hold the Commonwealth harmless for any damages, penalties, costs, detriment or harm that the Commonwealth may incur as a result of the Contractor's failure, including any statutory damages assessed against the Commonwealth.

g. The Commonwealth will reimburse the Contractor for any costs associated with complying with these provisions only to the extent allowed under the fee schedule established by the Office of Open Records or as otherwise provided by the RTKL if the fee schedule is inapplicable.

h. The Contractor may file a legal challenge to any Commonwealth decision to release a record to the public with the Office of Open Records, or in the Pennsylvania Courts, however, the Contractor shall indemnify the Commonwealth for any legal expenses incurred by the Commonwealth as a result of such a challenge and shall hold the Commonwealth harmless for any damages, penalties, costs, detriment or harm that the Commonwealth may incur as a result of the Contractor's failure, including any statutory damages assessed against the Commonwealth, regardless of the outcome of such legal challenge. As between the parties, the Contractor agrees to waive all rights or remedies that may be available to it as a result of the Commonwealth's disclosure of Requested Information pursuant to the RTKL.

i. The Contractor's duties relating to the RTKL are continuing duties that survive the expiration of this Contract and shall continue as long as the Contractor has Requested Information in its possession.

EXHIBIT "C"

## NONDISCRIMINATION/SEXUAL HARASSMENT CLAUSE

1. In the hiring of any employee(s) for the manufacture of supplies, performance of work, or any other activity required under the contract or any subcontract, the Contractor, each subcontractor, or any person acting on behalf of the Contractor or subcontractor shall not discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the Pennsylvania Human Relations Act (PHRA) and applicable federal laws, against any citizen of this Commonwealth who is qualified and available to perform the work to which the employment relates.

2. Neither the Contractor nor any subcontractor nor any person on their behalf shall in any manner discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the PHRA and applicable federal laws, against or intimidate any employee involved in the manufacture of supplies, the performance of work, or any other activity required under the contract.

3. The Contractor and each subcontractor shall establish and maintain a written nondiscrimination and sexual harassment policy and shall inform their employees in writing of the policy. The policy must contain a provision that sexual harassment will not be tolerated and employees who practice it will be disciplined. Posting this Nondiscrimination/Sexual Harassment Clause conspicuously in easily-accessible and well-lighted places customarily frequented by employees and at or near where the contracted services are performed shall satisfy this requirement for employees with an established work site.

4. The Contractor and each subcontractor shall not discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of PHRA and applicable federal laws, against any subcontractor or supplier who is qualified to perform the work to which the contract relates.

5. The Contractor and each subcontractor represents that it is presently in compliance with and will maintain compliance with all applicable federal, state, and local laws, regulations and policies relating to nondiscrimination and sexual harassment. The Contractor and each subcontractor further represents that it has filed a Standard Form 100 Employer Information Report ("EEO-1") with the U.S. Equal Employment Opportunity Commission ("EEOC") and shall file an annual EEO-1 report with the EEOC as required for employers' subject to Title VII of the Civil Rights Act of 1964, as amended, that have 100 or more employees and employers that have federal government contracts or first-tier subcontracts and have 50 or more employees. The Contractor and each subcontractor shall, upon request and within the time periods requested by the Commonwealth, furnish all necessary employment documents and records, including EEO-1 reports, and permit access to their books, records, and accounts by the contracting agency and the Bureau of Diversity, Inclusion and Small Business Opportunities for purpose of ascertaining compliance with provisions of this Nondiscrimination/Sexual Harassment Clause.

6. The Contractor shall include the provisions of this Nondiscrimination/Sexual Harassment Clause in every subcontract so that those provisions applicable to subcontractors will be binding upon each subcontractor.

7. The Contractor's and each subcontractor's obligations pursuant to these provisions are ongoing from

and after the effective date of the contract through the termination date thereof. Accordingly, the Contractor and each subcontractor shall have an obligation to inform the Commonwealth if, at any time during the term of the contract, it becomes aware of any actions or occurrences that would result in violation of these provisions.

8. The Commonwealth may cancel or terminate the contract and all money due or to become due under the contract may be forfeited for a violation of the terms and conditions of this Nondiscrimination/Sexual Harassment Clause. In addition, the agency may proceed with debarment or suspension and may place the Contractor in the Contractor Responsibility File.

# EXHIBIT "C"

## CONTRACTOR INTEGRITY PROVISIONS

It is essential that those who seek to contract with the Commonwealth of Pennsylvania ("Commonwealth") observe high standards of honesty and integrity. They must conduct themselves in a manner that fosters public confidence in the integrity of the Commonwealth contracting and procurement process.

**1. DEFINITIONS.** For purposes of these Contractor Integrity Provisions, the following terms shall have the meanings found in this Section:

**a.** **"Affiliate"** means two or more entities where (a) a parent entity owns more than fifty percent of the voting stock of each of the entities; or (b) a common shareholder or group of shareholders owns more than fifty percent of the voting stock of each of the entities; or (c) the entities have a common proprietor or general partner.

**b.** **"Consent"** means written permission signed by a duly authorized officer or employee of the Commonwealth, provided that where the material facts have been disclosed, in writing, by prequalification, bid, proposal, or contractual terms, the Commonwealth shall be deemed to have consented by virtue of the execution of this contract.

**c.** **"Contractor"** means the individual or entity that has entered into this contract with the Commonwealth.

**d.** **"Contractor Related Parties"** means any affiliates of the Contractor and the Contractor's executive officers, Pennsylvania officers and directors, or owners of 5 percent or more interest in the Contractor.

**e.** **"Financial Interest"** means either:

**(1)** Ownership of more than a five percent interest in any business; or

**(2)** Holding a position as an officer, director, trustee, partner, employee, or holding any position of management.

**f.** **"Gratuity"** means tendering, giving, or providing anything of more than nominal monetary value including, but not limited to, cash, travel, entertainment, gifts, meals, lodging, loans, subscriptions, advances, deposits of money, services, employment, or contracts of any kind. The exceptions set forth in the Governor's Code of Conduct, Executive Order 1980-18, the 4 Pa. Code §7.153(b), shall apply.

**g.** **"Non-bid Basis"** means a contract awarded or executed by the Commonwealth with Contractor without seeking bids or proposals from any other potential bidder or offeror.

**2.** In furtherance of this policy, Contractor agrees to the following:

**a.** Contractor shall maintain the highest standards of honesty and integrity during the performance of this contract and shall take no action in violation of state or federal laws or regulations or any other applicable laws or regulations, or other requirements applicable to Contractor or that govern contracting or procurement with the Commonwealth.

**b.** Contractor shall establish and implement a written business integrity policy, which includes, at a minimum, the requirements of these provisions as they relate to the Contractor activity with the Commonwealth and Commonwealth employees and which is made known to all Contractor employees. Posting these Contractor Integrity Provisions conspicuously in easily-accessible and well-lighted places customarily frequented by employees and at or near where the contract services are performed shall satisfy this requirement.

**c.** Contractor, its affiliates, agents, employees and anyone in privity with Contractor shall not accept, agree to give, offer, confer, or agree to confer or promise to confer, directly or indirectly, any gratuity or pecuniary benefit to any person, or to influence or attempt to influence any person in violation of any federal or state law, regulation, executive order of the Governor of Pennsylvania, statement of policy, management directive or any other published standard of the Commonwealth in connection with performance of work under this contract, except as provided in this contract.

**d.** Contractor shall not have a financial interest in any other contractor, subcontractor, or supplier providing services, labor, or material under this contract, unless the financial interest is disclosed to the Commonwealth in writing and the Commonwealth consents to Contractor's financial interest prior to Commonwealth execution of the contract. Contractor shall disclose the financial interest to the Commonwealth at the time of bid or proposal submission, or if no bids or proposals are solicited, no later than Contractor's submission of the contract signed by Contractor.

**e.** Contractor certifies to the best of its knowledge and belief that within the last five (5) years Contractor or Contractor Related Parties have not:

**(1)** been indicted or convicted of a crime involving moral turpitude or business honesty or integrity in any jurisdiction;

**(2)** been suspended, debarred or otherwise disqualified from entering into any contract with any governmental agency;

**(3)** had any business license or professional license suspended or revoked;

**(4)** had any sanction or finding of fact imposed as a result of a judicial or administrative proceeding related to fraud, extortion, bribery, bid rigging, embezzlement, misrepresentation or anti-trust; and

**(5)** been, and is not currently, the subject of a criminal investigation by any federal, state or local prosecuting or investigative agency and/or civil anti-trust investigation by any federal, state or local prosecuting or investigative agency.

If Contractor cannot so certify to the above, then it must submit along with its bid, proposal or contract a written explanation of why such certification cannot be made and the Commonwealth will determine whether a contract may be entered into with the Contractor. The Contractor's obligation pursuant to this certification is ongoing from and after the effective date of the contract through the termination date thereof. Accordingly, the Contractor shall have an obligation to immediately notify the Commonwealth in writing if at any time during the term of the contract if becomes aware of any event which would cause the Contractor's certification or explanation to change. Contractor acknowledges that the Commonwealth may, in its sole discretion, terminate the contract for

cause if it learns that any of the certifications made herein are currently false due to intervening factual circumstances or were false or should have been known to be false when entering into the contract.

**f.** Contractor shall comply with the requirements of the Lobbying Disclosure Act (65 Pa.C.S. §13A01 et seq.) regardless of the method of award. If this contract was awarded on a Non-bid Basis, Contractor must also comply with the requirements of the Section 1641 of the Pennsylvania Election Code (25 P.S. §3260a).

**g.** When Contractor has reason to believe that any breach of ethical standards as set forth in law, the Governor's Code of Conduct, or these Contractor Integrity Provisions has occurred or may occur, including but not limited to contact by a Commonwealth officer or employee which, if acted upon, would violate such ethical standards, Contractor shall immediately notify the Commonwealth contracting officer or the Office of the State Inspector General in writing.

**h.** Contractor, by submission of its bid or proposal and/or execution of this contract and by the submission of any bills, invoices or requests for payment pursuant to the contract, certifies and represents that it has not violated any of these Contractor Integrity Provisions in connection with the submission of the bid or proposal, during any contract negotiations or during the term of the contract, to include any extensions thereof. Contractor shall immediately notify the Commonwealth in writing of any actions for occurrences that would result in a violation of these Contractor Integrity Provisions. Contractor agrees to reimburse the Commonwealth for the reasonable costs of investigation incurred by the Office of the State Inspector General for investigations of the Contractor's compliance with the terms of this or any other agreement between the Contractor and the Commonwealth that results in the suspension or debarment of the Contractor. Contractor shall not be responsible for investigative costs for investigations that do not result in the Contractor's suspension or debarment.

**i.** Contractor shall cooperate with the Office of the State Inspector General in its investigation of any alleged Commonwealth agency or employee breach of ethical standards and any alleged Contractor non-compliance with these Contractor Integrity Provisions. Contractor agrees to make identified Contractor employees available for interviews at reasonable times and places. Contractor, upon the inquiry or request of an Inspector General, shall provide, or if appropriate, make promptly available for inspection or copying, any information of any type or form deemed relevant by the Office of the State Inspector General to Contractor's integrity and compliance with these provisions. Such information may include, but shall not be limited to, Contractor's business or financial records, documents or files of any type or form that refer to or concern this contract. Contractor shall incorporate this paragraph in any agreement, contract or subcontract it enters into in the course of the performance of this contract/agreement solely for the purpose of obtaining subcontractor compliance with this provision. The incorporation of this provision in a subcontract shall not create privity of contract between the Commonwealth and any such subcontractor, and no third party beneficiaries shall be created thereby.

**j.** For violation of any of these Contractor Integrity Provisions, the Commonwealth may terminate this and any other contract with Contractor, claim liquidated damages in an amount equal to the value of anything received in breach of these Provisions, claim damages for all additional costs and expenses incurred in obtaining another contractor to complete performance under this contract, and debar and suspend Contractor from doing business with the Commonwealth. These rights and remedies are cumulative, and the use or non-use of any one shall not

preclude the use of all or any other. These rights and remedies are in addition to those the Commonwealth may have under law, statute, regulation, or otherwise.

EXHIBIT "C"

## PROVISIONS CONCERNING *THE AMERICANS WITH DISABILITIES ACT*

For the purpose of these provisions, the term contractor is defined as any person, including, but not limited to, a bidder, offeror, supplier, or grantee, who will furnish or perform or seeks to furnish or perform, goods, supplies, services, construction or other activity, under a purchase order, contract, or grant with the Commonwealth of Pennsylvania (Commonwealth).

During the term of this agreement, the contractor agrees as follows:

1. Pursuant to federal regulations promulgated under the authority of *The Americans with Disabilities Act, 28 C. F. R. § 35.101 et seq.*, the contractor understands and agrees that no individual with a disability shall, on the basis of the disability, be excluded from participation in this agreement or from activities provided for under this agreement. As a condition of accepting and executing this agreement, the contractor agrees to comply with the *"General Prohibitions Against Discrimination," 28 C. F. R. § 35.130*, and all other regulations promulgated under *Title II of the Americans with Disabilities Act* which are applicable to the benefits, services, programs, and activities provided by the Commonwealth through contracts with outside contractors.

2. The contractor shall be responsible for and agrees to indemnify and hold harmless the Commonwealth from all losses, damages, expenses, claims, demands, suits, and actions brought by any party against the Commonwealth as a result of the contractor's failure to comply with the provisions of paragraph 1.

EXHIBIT "C"

## Contractor Responsibility Provisions

For the purpose of these provisions, the term contractor is defined as any person, including, but not limited to, a bidder, offeror, loan recipient, grantee or lessor, who has furnished or performed or seeks to furnish or perform, goods, supplies, services, leased space, construction or other activity, under a contract, grant, lease, purchase order or reimbursement agreement with the Commonwealth of Pennsylvania (Commonwealth). The term contractor includes a permittee, licensee, or any agency, political subdivision, instrumentality, public authority, or other public entity in the Commonwealth.

**1.** The Contractor certifies, in writing, for itself and its subcontractors required to be disclosed or approved by the Commonwealth, that as of the date of its execution of this Bid/Contract, that neither the Contractor, nor any such subcontractors, are under suspension or debarment by the Commonwealth or any governmental entity, instrumentality, or authority and, if the Contractor cannot so certify, then it agrees to submit, along with its Bid/Contract, a written explanation of why such certification cannot be made.

**2.** The Contractor also certifies, in writing, that as of the date of its execution of this Bid/Contract it has no tax liabilities or other Commonwealth obligations, or has filed a timely administrative or judicial appeal if such liabilities or obligations exist, or is subject to a duly approved deferred payment plan if such liabilities exist.

**3.** The Contractor's obligations pursuant to these provisions are ongoing from and after the effective date of the Contract through the termination date thereof. Accordingly, the Contractor shall have an obligation to inform the Commonwealth if, at any time during the term of the Contract, it becomes delinquent in the payment of taxes, or other Commonwealth obligations, or if it or, to the best knowledge of the Contractor, any of its subcontractors are suspended or debarred by the Commonwealth, the federal government, or any other state or governmental entity. Such notification shall be made within 15 days of the date of suspension or debarment.

**4.** The failure of the Contractor to notify the Commonwealth of its suspension or debarment by the Commonwealth, any other state, or the federal government shall constitute an event of default of the Contract with the Commonwealth.

**5.** The Contractor agrees to reimburse the Commonwealth for the reasonable costs of investigation incurred by the Office of State Inspector General for investigations of the Contractor's compliance with the terms of this or any other agreement between the Contractor and the Commonwealth that results in the suspension or debarment of the contractor. Such costs shall include, but shall not be limited to, salaries of investigators, including overtime; travel and lodging expenses; and expert witness and documentary fees. The Contractor shall not be responsible for investigative costs for investigations that do not result in the Contractor's suspension or debarment.

**6.** The Contractor may obtain a current list of suspended and debarred Commonwealth contractors by either searching the Internet at **http://www.dgs.state.pa.us/** or contacting the:

Department of General Services
Office of Chief Counsel
603 North Office Building
Harrisburg, PA 17125
Telephone No: (717) 783-6472
FAX No: (717) 787-9138

EXHIBIT "C"

## Enhanced Minimum Wage Provisions (July 2018)

1. **Enhanced Minimum Wage.** Contractor/Lessor agrees to pay no less than $12.00 per hour to its employees for all hours worked directly performing the services called for in this Contract/Lease, and for an employee's hours performing ancillary services necessary for the performance of the contracted services or lease when such employee spends at least twenty per cent (20%) of their time performing ancillary services in a given work week.

2. **Adjustment.** Beginning July 1, 2019, and annually thereafter, the minimum wage rate shall be increased by $0.50 until July 1, 2024, when the minimum wage reaches $15.00. Thereafter, the minimum wage rate would be increased by an annual cost-of-living adjustment using the percentage change in the Consumer Price Index for All Urban Consumers (CPI-U) for Pennsylvania, New Jersey, Delaware, and Maryland. The applicable adjusted amount shall be published in the Pennsylvania Bulletin by March 1 of each year to be effective the following July 1.

3. **Exceptions.** These Enhanced Minimum Wage Provisions shall not apply to employees:

**a.** exempt from the minimum wage under the Minimum Wage Act of 1968;

**b.** covered by a collective bargaining agreement;

**c.** required to be paid a higher wage under another state or federal law governing the services, including the Prevailing Wage Act and Davis-Bacon Act; or

**d.** required to be paid a higher wage under any state or local policy or ordinance.

4. **Notice.** Contractor/Lessor shall post these Enhanced Minimum Wage Provisions for the entire period of the contract conspicuously in easily-accessible and well-lighted places customarily frequented by employees at or near where the contracted services are performed.

5. **Records.** Contractor/Lessor must maintain and, upon request and within the time periods requested by the Commonwealth, furnish all employment and wage records necessary to document compliance with these Enhanced Minimum Wage Provisions.

6. **Sanctions.** Failure to comply with these Enhanced Minimum Wage Provisions may result in the imposition of sanctions, which may include, but shall not be limited to, termination of the contract or lease, nonpayment, debarment or referral to the Office of General Counsel for appropriate civil or criminal referral.

7. **Subcontractors.** Contractor/Lessor shall include the provisions of these Enhanced Minimum Wage Provisions in every subcontract so that these provisions will be binding upon each subcontractor.