Township of Bensalem

Joseph DiGirolamo
Mayor

October 12, 2018

Dear Ogden Avenue Resident:

I want to take this opportunity to provide an update on the Ogden Avenue Storm Drainage Project. As you may be aware, the project has encountered several unforeseen obstacles during construction. A status report from the Project Engineer is attached for your information.

Regarding final paving of the road, in order to give the site ample opportunity to settle over the winter, repaving of the entire roadway surface will be scheduled for next spring.

As always, we thank you for your patience as we complete this very worthwhile project. If you have any questions please feel free to contact the Project Engineer, Tom Hanna at (215) 369-3955.

Sincerely,

Joseph DiGirolamo
Mayor

JDG/ct
Enclosure
Copy: James Ryan, Director of Public Works
Tom Hanna, PE, Gilmore & Associates

2400 Byberry Road, Bensalem, Pennsylvania 19020
215-633-3600 fax 215-633-3609 www.bensalemtwp.org

GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

October 12, 2018

File No. 14-07047-02

Reference: Eddington Cornwells Drainage Project – Status Report
Bensalem Township, Bucks County, PA

The following is a status report on the work completed and work remaining for the Eddington-Cornwells Drainage Project. As you know there have been some delays due to a pipe conflict with the PECO gas main. We are working with PECO to try and expedite the work, and have met with PECO as recently as this week. Below, I have listed the work completed and what is to be completed, and have attached a plan to help illustrate the locations of work.

Work Complete:

- Clovernook Avenue:
  - Storm sewer and rip rap outlet were installed.
  - Base paving restoration is complete.
  - Clovernook Ave. and Ogden Ave intersection temporary paving installed.

- Ogden Avenue:
  - Sanitary sewer relocation complete between School Lane and E. Bensalem Ave.
  - Storm sewer installed from E. Bensalem Ave. to Beverly Ave.
  - Concrete curbing installed from E. Bensalem Ave. to Beverly Ave.
  - Driveway restorations complete from E. Bensalem Ave. to Beverly Ave.
  - Paving restoration complete from E. Bensalem Ave. to Beverly Ave.

- Forrest Avenue:
  - Storm sewer installed from Elementary School to School Lane.
  - Paving restoration complete from Elementary School to School Lane.

- Cornwells Elementary School
  - Rough grading of new athletic field area.
  - Rough grading of wetland basin area
  - Storm sewer installed from wetland basin to Forrest Ave.
  - Handicap Access Ramps installed at school sidewalk.

Work to be Completed:

- Ogden Avenue:
  - Lawn restoration from E. Bensalem Ave. to Beverly Ave.
  - PECO gas main relocation School Lane to E. Bensalem.
  - Storm sewer installation from Clovernook Ave. to E. Bensalem.
  - Sanitary sewer replacement between Clovernook Ave. and School Lane.

- Concrete curbing from Clovernook Ave. to E. Bensalem.
- Paving restoration from Clovernook Ave. to E. Bensalem.
- Driveway and lawn restoration from Clovernook Ave. to E. Bensalem.

- Clovernook Avenue:
  - Final paving restoration.

- Cornwells Elementary School
  - Finish grade new athletic field area.
  - Finish grade of wetland basin area.
  - Asphalt walking path installation.
  - Seeding restoration and landscape planting.

As I stated above, there is a section of PECO gas main on Ogden Ave., between School Lane and E. Bensalem that is in conflict with the new storm sewer. PECO needs to move a section of gas main before the storm sewer can be installed. I met with PECO earlier this week to confirm their work plan. PECO will be conducting test excavations over the next two weeks to determine the exact location of the main and exactly what section of gas main needs to be relocated. PECO will then schedule the gas main relocation work as soon as possible. I know this has been a source of frustration that the work on Ogden is not yet complete, but please understand we are working to expedite this portion of the work as quickly as possible. However, PECO's availability to complete the work will dictate the schedule.

Thomas M. Hanna, PE, LEED AP
VP – Land Design
Gilmore & Associates, Inc.

LOCATIONS OF EXISTING UNDERGROUND UTILITIES/FACILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM RECORDS, FIELD MARKINGS BY UTILITY OWNERS, AND FIELD OBSERVATIONS. CONSTRUCTION OF THE SITE, ITS ENCUMBRANCES HERE PROVIDED IS IN THE PREPARATION OF THIS SURVEY. THEREFORE, ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, DEPTH, AND SIZE. THE POTENTIAL EXISTS FOR OTHER UNDERGROUND UTILITIES/FACILITIES TO BE PRESENT WHICH ARE NOT SHOWN ON THE DRAWINGS. ONLY THE VISIBLE LOCATIONS OF UNDERGROUND UTILITIES/FACILITIES AT THE TIME OF FIELD SURVEY SHALL BE CONSIDERED TRUE AND ACCURATE. COMPLETENESS OR ACCURACY OF UNDERGROUND UTILITIES/FACILITIES ARE NOT GUARANTEED BY GILMORE & ASSOCIATES, INC.

ALL CONTRACTORS WORKING ON THIS PROJECT SHALL VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES/FACILITIES PRIOR TO START OF CONSTRUCTION. THE OWNER, ENGINEER, OR SURVEYOR OF RECORD, INC. DOES NOT ASSUME ANY LIABILITY FOR DAMAGES TO ANY UTILITIES/FACILITIES NOT LOCATED. GILMORE & ASSOCIATES, INC. HAS OBTAINED A PA-ONE CALL SERIAL NUMBER AS NOTED ABOVE FOR DESIGN PURPOSES ONLY.

PENNSYLVANIA ONE CALL SYSTEM, INC.

1-800-242-1776

SITE HISTORY AND LAND USE:

SCHOOL PROPERTY. PRIOR TO BEING DEVELOPED IN LATE 1960S INTO CORNWELLS ELEMENTARY SCHOOL, WAS A FARM AND UTILIZED FOR AGRICULTURAL PURPOSES DURING MANY BEYOND THE 50 YEAR THRESHHOLD NOTED IN THE NOL. IN ADDITION THERE WERE SEVERAL RESIDENTIAL HOMES/PROPERTIES LOCATED ALONG HULMEVILLE ROAD. THE REMAINDER OF PROPERTY CONTAINED WOODLANDS, STREAMS AND WETLANDS THAT MAKE UP THE SITE AND USE EXIST TODAY.

GENERAL NOTES:

1. THIS SURVEY IS BASED ON A FIELD SURVEY PERFORMED BY GILMORE & ASSOCIATES, INC. IN AUGUST OF 2016 AND APRIL OF 2017.

2. THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY AND WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. OTHER RIGHTS TO PROPERTY MAY EXIST.

3. PARCEL LINES WERE OBTAINED FROM COUNTY GIS MAPPING FOR THE TOWNSHIP OF BENSALEM, COUNTY OF BUCKS, COMMONWEALTH OF PENNSYLVANIA. PARCEL LINES ARE APPROXIMATE AND ARE NOT ADJUSTED TO PHYSICAL EVIDENCE FOUND.

4. SUBJECT TO COVENANTS, RESTRICTIONS AND/OR EASEMENTS EITHER WRITTEN OR IMPLIED.

5. VERTICAL DATUM IS NAVD88 AND WAS ESTABLISHED BY GLOBAL POSITIONING SYSTEM (GPS) WITH OBSERVATIONS REFERENCED TO THE KEYNET GPS BASE STATION NETWORK. HORIZONTAL DATUM IS BASED ON PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (NAD83) ESTABLISHED BY GLOBAL POSITIONING SYSTEM (GPS), WITH OBSERVATIONS REFERENCED TO THE KEYNET GPS BASE STATION NETWORK.

6. WETLANDS DELINEATION BY MELLON GEOLOGICAL SERVICES LLC AND LOCATED BY GILMORE & ASSOCIATES, INC. IN MAY OF 2017.

7. SOIL TYPES AND LINES WERE OBTAINED FROM THE USDA-NRCS WCS SOIL SURVEY OF BUCKS COUNTY, PENNSYLVANIA.

REFERENCES:

1. PLAN ENTITLED "CORNWELL HEIGHTS, BENSALEM TOWNSHIP BUCKS COUNTY, PENNSYLVANIA", RECORDED IN THE OFFICE FOR RECORDING OF DEEDS DOYLESTOWN, BUCKS COUNTY, IN PLAN BOOK 1, PAGE 1 (SHEET 1 OF 3).

2. PLAN ENTITLED "B" EXTENSION OF PLAN NO 1 CORNWELL HEIGHTS, BENSALEM TWP., BUCKS CO., PA", PREPARED BY C. HOWARD HAZARD, DATED NOVEMBER 23, 1948, RECORDED IN THE OFFICE FOR RECORDING OF DEEDS DOYLESTOWN, BUCKS COUNTY, IN PLAN BOOK 1, PAGE 1 (SHEET 2 OF 3).

3. PLAN ENTITLED "EXTENSION OF PLAN NO 1, CORNWELL HEIGHTS, BENSALEM TWP., BUCKS CO, PA" DATED 06-06-1950, RECORDED IN THE OFFICE FOR RECORDING OF DEEDS DOYLESTOWN, BUCKS COUNTY, IN PLAN BOOK , PAGE 1 (SHEET 3OF 3).

4. DESCRIPTION AND PLAN ENTITLED "EXHIBIT "A" STORMWATER MANAGEMENT BASIN EASEMENT, TAX MAP PARCEL 2-21-19-2, LANDS N F BENSALEM TOWNSHIP SCHOOL DISTRICT, BENSALEM TOWNSHIP, BUCKS COUNTY, PENNSYLVANIA", PREPARED BY GILMORE & ASSOCIATES, INC., DATED 8 2 15.

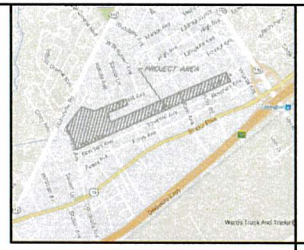
5. PLAN ENTITLED "EXISTING FEATURES EDDINGTON/CORNWELLS DRAINAGE PROJECT", PREPARED BY CARROLL ENGINEERING CORPORATION, DATED JUNE 2006

6. PLAN ENTITLED "FLOOD PLAIN LIMITS PLAN 1, EDDINGTON/CORNWELLS DRAINAGE PROJECT", PREPARED BY CARROLL ENGINEERING CORPORATION, DATED 01-19-2007

7. PLAN ENTITLED "FLOOD PLAIN LIMITS PLAN 2, EDDINGTON/CORNWELLS DRAINAGE PROJECT", PREPARED BY CARROLL ENGINEERING CORPORATION, DATED 01-19-2007

LEGEND

EXISTING MAJOR CONTOURS	SANITARY MANHOLE
EXISTING MINOR CONTOURS	STORM INLET
EXISTING SPOT ELEVATION	DECIDUOUS TREE/WOOD SURFACE
TREE LINE	GAS VALVE
LEGAL RIGHT-OF-WAY	WATER VALVE
ULTIMATE RIGHT-OF-WAY	BUY
STREAM LINE	ELECTRIC METER
GAS LINE	UTILITY POLE
OVERHEAD WIRE LINE	WALKOUT
SANITARY LINE	LIGHT STANDARD
WATER LINE	CONCRETE MONUMENT FND
WATER LATERAL	IRON PIN FOUND
EXISTING EASEMENT	
SOIL BOUNDARY LINE	
PROJECT BOUNDARY	



LOCATION MAP

SCALE: 1"=1000'

Completed Work:
- Rough grading of new athletic field area.
- Rough grading of wetland basin area.
- Handicap Access Ramps installed at school sidewalk.

Remaining Work:
- Finish grade new athletic field area.
- Finish grade of wetland basin area.
- Asphalt walking path installation.
- Seeding restoration and landscape planting.

Completed Work:
- Storm sewer installed from Elementary School to School Lane.
- Paving restoration complete from Elementary School to School Lane.

Completed Work:
- Storm sewer and rip rap outlet were installed.
- Base paving restoration is complete.
- Clovernook Ave. and Ogden Ave intersection temporary paving installed.

Completed Work:
- Sanitary sewer relocation completed between School Lane and E. Bensalem Ave.

Remaining Work:
- PECO gas main relocation School Lane to E. Bensalem.
- Storm sewer installation from Clovernook Ave. to E. Bensalem.
- Sanitary sewer replacement between Clovernook Ave. and School Lane.
- Concrete curbing from Clovernook Ave. to E. Bensalem.
- Paving restoration from Clovernook Ave. to E. Bensalem.

Completed Work:
- Storm sewer installed from E. Bensalem Ave. to Beverly Ave.
- Concrete curbing installed from E. Bensalem Ave. to Beverly Ave.
- Driveway restorations complete from E. Bensalem Ave. to Beverly Ave.
- Paving restoration complete from E. Bensalem Ave. to Beverly Ave.

HULMEVILLE ROAD
ROSALIE AVENUE
SCHOOL LANE
BENSALEM AVENUE
FORREST AVENUE
ATHLETIC FIELD
ASPHALT PATH
CONSTRUCTED WETLAND #2
CONSTRUCTED WETLAND #3
CONSTRUCTED WETLAND #1
PROP. FORREST AVENUE DIVERSION STORM SEWER LINE
PROP. OGDEN AVENUE TRUNK STORM SEWER LINE
OGDEN AVENUE
CORNWELLS AVENUE
CLOVERNOOK AVENUE
SCHOOL LANE
E. BENSALEM AVENUE
PAPER STREET
STONE ARBOR
WOODBINE AVENUE
LAVENDER ROAD
BEVERLY AVENUE
GREEN LEAF GARDEN

NOT APPROVED FOR CONSTRUCTION

CONSTRUCTION PLANS

OVERALL PLAN

EDDINGTON-CORNWELLS DRAINAGE PROJECT

BENSALEM TOWNSHIP, BUCKS COUNTY, PENNSYLVANIA

OWNER: BENSALEM TOWNSHIP 2400 BENSALEM BLVD. BENSALEM, PA 19020 215-633-3602

JOB NO.: 14070147-02

MUNICIPAL FILE NO.:

TAX MAP PARCEL NO.:

SCALE: 1"=100'

DATE: 10/26/17

DESIGNED BY: BJR

DRAWN BY: PRD

CHECKED BY: TMH

SHEET NO.: 2 OF 32

NO.	DESCRIPTION	DATE	BY