Turning Ideas Into Reality

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REPORT OF THE ENGINEER
September Work Session
September 20, 2017

Work completed for the period:

Grading and Road Encroachment Permits – Reviewed several plans for grading and road encroachment. Continuing construction inspections of various properties.

Planning Commission – Continued working with members on Ordinances and Subdivisions.

Subdivision & Land Development Plans:

Wills - No further submission has been received.

Lawler Subdivision - Awaiting revised plans.

Crane Property – Final Plan review letter issued. Planning Commission recommended approval with conditions at their July meeting. Updated plans addressing PC conditions just received and under review. Reviewed planning module component 4A with PC in September for forwarding to PA DEP.

Black Bell Farm – 15 lot subdivision – Conditional Final Approval granted May 17, 2017. Reviewed final plan revisions and escrow estimate for recording. Minor items outstanding for recording.

Daniels Subdivision – 425 Thornton Rd – 2 Lots – Conditional Final approval granted in 2016. Awaiting updated recording plans and agreements for signature.

26 Westtown Road - 2,160 SF Accessory Building Land Development review letter issued. Awaiting revised plans.

Fraley Property – 430 Glen Mills Road – 3 Lot Subdivision. Conditional Final approval granted on April 19, 2017. Awaiting updated agreements and third party approvals for recording.

Culp Property – 420 Thornton Road – 2 Lot Subdivision – Conditional final approval granted on July 19, 2017. Revised plans reviewed. Awaiting notarized plans, third party approvals and agreements for recording.

- Thornton Road Sewer Expansion - Reviewed planning module component 4A with PC in September for forwarding to PA DEP. This sewer expansion will provide public sewers to the Culp Property and Daniels Property Subdivisions as listed above.

Ordinances:

Sign Ordinance – PC forwarded ordinance to the Supervisors for consideration.

Pipeline Ordinance – Reviewed ordinance with planning commission in December.

Andover – Road Dedication accepted January 18, 2017, which started the Eighteen month maintenance period. Reminder sent to developer to complete minor punch list items that were deferred until Spring 2017.

Mill Creek – Final landscaping installation completed in accordance with credit agreement. Updated deficiencies list prepared and distributed. Updated review of closeout documents issued. Awaiting revised closeout documents and a new schedule for completion of final repair work.

Greenbriar V – Dallet Tract – Road Dedication accepted May 17, 2017, which started the Eighteen month maintenance period.

Barrett's Meadow – Site work has been off and on throughout the summer. Continuing to monitor progress.

Sunoco Logistics – Township issued grading permit on June 21, 2017. Mobilization and clearing has begun within Thornbury Township limits as of 8/28/17. Site preparation and grading continues.

VMDT Partnership L.P. – Curative Amendment Application paperwork under review. Hearing is currently ongoing.

NPDES MS-4 Program – 2017 MS-4 Report completed and sent to Township on June 2, 2017 for signature and forwarding to PA DEP by deadline of June 9, 2017.

> NPDES MS-4 - 2018 Permit Requirements include preparation of a Pollutant Reduction Plan to reduce pollutant discharge by 10% over 5 year period. Siltation/sediment is the main target with certain areas identified for total phosphorus reduction. New Individual Permit effective date is anticipated to be March 9, 2018. A Draft NPDES MS-4 Pollutant Reduction Plan was completed and forwarded to the Township to allow for 30 day public comment period ending August 25, 2017. Submission sent by email and US Mail on September 9, 2017.

2017 Road Program – AF Damon Inc. completed contract work on June 20, 2017. Paving Contract has been fully paid and closed out. PA DOT project completion documents are being prepared.

Storm Sewer Maintenance Contract – Began preparation of an Annual Storm Sewer Maintenance Contract and Specification to put out for bid.

L'Enfant Court and Garnier Way Storm Sewer Rehabilitation - Video inspection was reviewed and contractor pricing has been obtained for repairs. Four requests for contractor pricing were sent out and 2 quotes were received for testing and sealing pipe joints with grout for 800 linear feet of storm sewer. Based upon the Video Pipe Services proposal and a 75% estimated failure rate we would estimate the total cost at $8,900.00. **We would recommend authorization of Video Pipe Services to perform the trenchless repairs on 800 linear feet of sewer along L'Enfant Court and Garnier Way based upon their proposal dated September 6, 2017 with pricing at $53.00 per joint and $8.00 per gallon of grout.**

Township Property Surveys – Glen Meadow Drive open space property was surveyed and corners staked for maintenance personnel. 90 Station Drive Property was surveyed and corners staked for maintenance personnel.

Traffic Study – A traffic study report has been prepared for the 3 intersections of Dilworthtown, Westtown/Thornton, & Concord Roads by Traffic Planning & Design Consultants. The report makes several recommendations for intersection improvements and has been forwarded to the Township for their use. Meetings with PA DOT scheduled.

Maintenance Building Site Evaluation – Met with maintenance personnel and Township Road Master to review alternatives for a new or renovated maintenance building at Thornbury Park. Preparing report.