



WEST MANCHESTER TOWNSHIP

ENGINEER'S REPORT

Meeting of February 22, 2024

Plan Reviews

T-858 Cottontail 2 Solar Farm – Communication regarding undersized screen plantings and options for needed replacement plants.

T-859 Cottontail 1 Solar Farm – Communication regarding undersized screen plantings and options for needed replacement plants.

T-860 Cottontail 8 Solar Farm – Communication regarding undersized screen plantings and options for needed replacement plants.

T-870 LD Plan for BLM Associates Inc. Car Wash – Construction observation, related coordination, records associated with improvements, and some related correspondence.

T-871 Route 30 and Route 116 and South Salem Church Road – Construction observation, related coordination/records, and related correspondence. Correspondence and communication related to possible temporary stormwater pipe re-route, permit for building demolition, second lot pavement adjustments, and financial security requirements.

T-873 390 N Zarfoss Dr Lot 4B – Correspondences regarding conversion of Basin 1 to a gravel filled storage basin.

T-877 1150 Greenwood Rd – Construction observation for stormwater infiltration beds, related coordination, associated records, and related correspondence.

T-880 4380 W Market St/Stoltzfus – Review of traffic impact analysis and fifth set of revised plans, providing related comments/memorandum, and associated correspondence and communication.

T-882 Mister Car Wash/1410 Kenneth Rd – Review of revised subdivision and land development (LD) plans, supplying an associated comment memorandum,, and related correspondence.

T-885 4595 W Market St W York Collision – Review of revise LD plan and post construction stormwater management (PCSM) reports, supplying associated comment memoranda, some preparation for future construction observation, and related correspondence.

T-886 BAE Building Expansion and Canopy – Review of LD plan submission, supplying associated comment memoranda, clarifications from developer's engineer, and related correspondence/meeting.

Paramount Realty Town Center Mall Redevelopment – Correspondence and meetings between Township and developer regarding draft planned residential development zoning ordinance offered to the Township for consideration and possible adoption.

Meeting Attendance

1/25/2023 Board of Supervisors Meeting

Sewage

Receipt of wastewater monitoring, infiltration, inflow, and rain fall data for the Shiloh sewershed and on-going infiltration and inflow (I&I) analysis. Analysis of new rain and flow data against old rain and flow data for comparable storm events and associated inflow.

Defining the scope of this year's Shiloh sewer rehabilitation projects based on last year's and older investigation results. Work on associated bid documents.

Coordination and correspondences related to E.K. Services part in grating related bubbler failure, clarification of worm gear and valve operator requirement, options for protection of pipe and valves in new vault from groundwater, and receipt of certified payroll for the West Market Street Pumps Station valve replacement and by-pass pumping upgrades project.

Work on 2023 Chapter 94 report, related data processing, and Corrective Action Plan (CAP) update letter.

Examination of waste loads in various areas and branches of the sewer system between the West Market Street Pump Station (WMStPS) and connection point to the York sewer system including some field observations to confirm the number of residences and businesses.

Correspondence and communication with engineer for Lawson's Mobile House Park regarding potential sewer connection.

Miscellaneous support to Public Works (PW) Director and Township Manager including some for electrical and bubbler failures at WMStPS, potential connection of 3935 W Market St through Colonial House private sewer extension, WMStPS force main break/repair, pump station autodialer replacement, and potential industrial expansion in West End.

Attendance of Dover Wastewater Treatment Plant Joint Authority quarterly meeting.

Funding research associated with 537 plan update, sewer service for Bairs Station, and sewer extension in West End.

Stormwater

Correspondences regarding certified payroll for the Rainbow Circle improvements implemented by Wexcon, Inc.

Design of discharge spreader, swale, and stormwater adjustments at the lower end of Westview Manor and discussions with PW Director regarding the scope of improvements.

Warwick Area Stormwater Improvements engineered design and drafting for Phase 1 repairs and upgrade as well as easement acquisition support.

Correspondences and meeting related to stormwater management for parking lot expansion at 2139 White St.

Review of stormwater management plan associated with Shiloh Lutheran Church parking lot adjustments/expansion and supplying related comment memorandum.

Other Duties

Miscellaneous support to Zoning Officer including York Water - 2915 W Market flood plain certificate review, adjustments to right-to-know invoices, and correspondence regarding upcoming LD submissions/procedures.

Traffic count at Baker Rd & Lincoln Highway (Rt 30) and other support for evaluation of current traffic signal plans programming for that location.

Discussion of sidewalk, signalized pedestrian crossings, and trail connection improvements and related funding options.

Planning for future PW projects with the PW Director and related funding research.

Preparation of Township Engineer's Report and other progress summaries.