## ENGINEERING UPDATE

FEBRUARY 17, 2020

## CRANBERRY TOWNSHIP, PENNSYLVANIA

Tim Schutzman, P.E., Acting Director of Engineering | 724-776-4806 x 1163

PROJECT: GRANTS, PERMITS & REPORTS

Project Manager: Lorin Meeder

Timeline: January through June 2020

Description: Schedule of Reports & Grants

Update: Chapter 94 Waste Load Management Report due March; Annual Water Supply Report due March. Also Recycling Performance Grant and Water Allocation Compliance

Report.

PROJECT: FRANKLIN ACRES SEWER LINE CONNECTION TO BREAKNECK CREEK

REGIONAL AUTHORITY

Project Manager: Lorin Meeder

Timeline: Design - Winter/Spring 2020; Permitting/ROW - Summer/Fall 2020;

Construction - Winter 2021

Description: Install approximately 2,400 feet of sewer line, manholes, sewer meter to connect the FAPS area to BCRA and shed approximately 104,000 gallons of flow from BCWPCF.

Update: Performing appraisals for right-of-way acquisition; Engineer developing routing and design.

PROJECT: WATER TANKS - VALVE PROJECT REBID

Project Manager: Lorin Meeder

Timeline: Construction – December 2019 – April 2020

Description: Replacement of the existing 16-inch manually operated valves and check valve with electrically operated valves on the West Tank modifying the operation to enhance water quality through automated operational controls.

Update: South tank valve replacement is schedule for the week of March 16.

PROJECT: INTERCEPTOR NO. 7 SEWER LINE UPGRADE

Project Manager: Lorin Meeder

Timeline: Anticipate award – December; Construction through May 2020

Description: A portion of Interceptor No. 7 has been exposed due to streambank erosion along Coal Run between the PA Turnpike and Rochester Road. Replacement and upsizing are recommended based on the Comprehensive Plan and future growth in the Interceptor No. 7 water shed.

Update: Recommending rejection of all bids, reevaluating time line for future needs.

PROJECT: MS4 UPDATES

Project Manager: Tim Schutzman

Timeline: Year 2 of 5 Year Permit Cycle; July 1, 2019 – June 30, 2020

Description: The Township is required to comply with the NPDES Municipal Separate Storm

Sewer System General Permit Requirements for each year of the permit.

Update: Pond inspection training workshop scheduled.

PROJECT: BCWPCF UPGRADE PROJECT

Project Manager: Tim Schutzman

Timeline: Construction - July 2016 - November 2019

Description: Township is in the process of upgrading the Brush Creek Water Pollution Control Facility (BCWPCF).

Update: Contractors are working on punch list items for the project. Paving contractor has

begun grading and paving.

Project: Library Renovations 2019

Project Manager: Evan Oswald

Timeline: Completion - March 2020

Description: Renovations and upgrade of the interior of the Library; anticipate construction to start in August 2019; grant expires March 31, 2020.

Update: Working on final phase of construction.

PROJECT: EHRMAN ROAD LANE ADDITION

Project Manager: Evan Oswald

Timeline: Design 2020/Construction 2021

Description: Addition of right-hand turning lane. Existing two (2) lanes will become double

left turns. This upgrade is a result of the new Seneca Valley Elementary School.

Update: Development of request for proposals for estimates on engineering services.

PROJECT: MUNICIPAL BUILDING REAR PARKING LOT

Project Manager: Evan Oswald

Timeline: Design 2020/ Construction 2021

Description: Lot needs repaved; improving efficiency of lot and adding parking spaces.

Update: Development of request for proposals with design/engineering consultants.

PROJECT: PUBLIC WORKS - SITE EXPANSION

Project Manager: Evan Oswald

Timeline: Phase 1 - New Road/Dog Park Construction - Completion Fall 2020; Phase 2 -

Move fill dirt and create additional Public Works lot - Completion - 2021

Description: Creating an additional Public Works lot to the north of the existing building and moving fill dirt to other locations in the Community Park. Add new dog park and reconfigure that section of the park with new roadways and sporting fields.

Update: Phase 1 – dog park and new road in design and permitting phase. Construction to start May 2020.

PROJECT: 2020 COMMUNITY CONNECTIONS SIDEWALK PROJECT

Project Manager: Evan Oswald

Timeline: Construction Completion - Fall 2020

Description: Build sidewalks to improve connections in Cranberry Township.

Update: Planning concrete bid for multiple projects throughout the Township. Anticipate authorization to bid March/April.

PROJECT: CTCC ROTARY AMPHITHEATER 2020

Project Manager: Evan Oswald

Timeline: Construction - Mid July - November 2020

Description: Upgrades and enhancements to the 17-year-old amphitheater. Roof extension with other improvements to stage area. Also, minor site drainage work will be performed.

Update: Final design package – March 1; anticipate authorization to bid March/April.

PROJECT: REYNOLD'S PROPERTY DEVELOPMENT

Project Manager: Evan Oswald

Timeline: March 2020 - October 2020

Description: Create connectivity between North Boundary Park and Reynold's property. Work includes recreating access drive, additional parking, trail, ADA accessibility routes and the construction of a new pavilion.

Update: Pavilion construction to start mid-February. Site work on Reynold's Property starting in April.

PROJECT: LINE PAINTING & TRAFFIC MARKINGS 2020

Project Manager: Evan Oswald

Timeline: Completion - September 2020

Description: Line Painting and Traffic Markings on various streets in the Township – yearly contract.

Update: Requesting authorization to bid with an award in April.

Project: 228 Gateway Project - Freedom Road Section

Project Manager: Tim Zinkham

Timeline: Project Let - September 2020

Description: Freedom Road improvements from Commonwealth Drive to Haine School

Road.

Update: Consultant is working on the E&S Plans and final design work order.

PROJECT: ROUTE 19 & ST. FRANCIS WAY SIGNAL REPLACEMENT

Project Manager: Tim Zinkham

Timeline: Construction Completion - December 2019

Description: Upgrade existing traffic signal to current standards with pedestrian and ADA

facilities. Part of the 2016 Green Light Go Grant awarded May 2017.

Update: Work continues on the signal poles.

PROJECT: ROCHESTER ROAD WIDENING TO GRAHAM SCHOOL ROAD

Project Manager: Tim Zinkham

Timeline: Developer

Description: Widening of Rochester Road for an additional through lane in each direction

from Commerce Park Drive to Graham School Road.

Update: Preliminary design completed. Final design for HOP submission by Meeder

Development has been submitted. Construction to start spring 2020.

PROJECT: MSA THRU-WAY Project Manager: Tim Zinkham

Timeline: Anticipate award – winter 2019; Construction Completed – December 2021

Description: Construction of a grade separated crossing of Rt. 228 that connects I-79 north,

Mars Road & Cranberry Woods Drive.

Update: Project awarded; construction to begin in February.

PROJECT: FREEDOM ROAD BRIDGE OVER TURNPIKE

Project Manager: Tim Zinkham

Timeline: Design Phase - On-Going

Description: Replacement of Freedom Road Bridge over the Turnpike by PennDOT (design)

and the Pennsylvania Turnpike Commission (construction).

Update: Construction will slow down until the spring. Project website:

http://www.freedomroadbridge.com

PROJECT: ADDITIONAL EASTBOUND RT. 228 LANE

Project Manager: Tim Zinkham

Timeline: Final Engineering TBA

Description: Design of an additional eastbound lane on Route 228 between I-79 and

Franklin Road.

Update: Project on hold pending infrastructure grant.

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