ENGINEERING UPDATE

FEBRUARY 18, 2019

CRANBERRY TOWNSHIP, PENNSYLVANIA

Jason Kratsas, P.E., Director of Engineering | 724-776-4806 x 1148

PROJECT: GRANTS, PERMITS & REPORTS Project Manager: Lorin Meeder

Timeline: January through June 2019

Description: Schedule of Reports & Grants

Update: Marshall Township Rate submitted; Chapter 94 Waste Load Management Report due March; Annual Water Supply Report due March.

PROJECT: CRANBERRY WATER SYSTEM "WATER ALLOCATION PERMIT" RENEWAL Project Manager: Lorin Meeder

Timeline: TBD by DEP

Description: State water use permit for withdrawing water from the Ohio River through West View Water Authority.

Update: Township submitted prior to the due date of November 2017. Permit application under DEP technical review.

PROJECT: NORTH BOUNDARY PARK DISC GOLF COURSE & TRAIL, PHASE 1 Project Manager: Lorin Meeder

Timeline: Construction - Summer/Fall 2018; Course & Trail Opening– Spring 2019

Description: CTCC 2018 Project of the Year. The project will consist of the construction of an 18-hole disc golf course. Project will also include a walking trail with amenities and an ADA accessible "Learn to Play" 6 holes disc golf course.

Update: Public Works is applying asphalt milling to the trail and extending it between holes #1 and #9. Learn to Play course construction has been rescheduled for Spring of 2019.

PROJECT: MS4 UPDATES Project Manager: Tim Schutzman

Timeline: Year 1 of 5 Year Permit Cycle; July 1, 2018 – June 30, 2019

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: Township preparing pond inspection training workshop. Township hosted E&S Control workshop presented by Allegheny & Butler County Conservation Districts.

PROJECT: BCWPCF UPGRADE PROJECT

Project Manager: Tim Schutzman

Timeline: Construction - July 2016 - September 2019

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

Update: Contractors are working on rotating drum thickener, pipe connection to new influent pump station, MBR performance test, master control building, backup generator, update SCADA control programming & demolishing of existing pump station.

PROJECT: BURKE ROAD IMPROVEMENT PROJECT

Project Manager: Tim Schutzman

Timeline: Award Bid – March 2019; Construction – Spring/Summer 2019

Description: Burke Road improvement project from Franklin Road intersection, east approximately 550 ft.

Update: Award recommendation will be on March 7 with anticipation to start construction in the Spring.

PROJECT: ROUTE 19 FIRE STATION EXPANSION

Project Manager: Tim Zinkham

Timeline: Bid – Fall of 2017/Winter 2018

Description: An expansion to the existing Cranberry Volunteer Fire Company - Park Station No. 2.

Update: Contractors working on rough-ins and interior finishes.

PROJECT: NORTH BOUNDARY PARK, SOCCER FIELDS - LIGHTING Project Manager: Tim Zinkham

Timeline: Installation – Winter 2019

Description: Adding lights on three (3) soccer fields at North Boundary Park.

Update: Light pole bases installed; setting fixtures in 1 to 2 weeks.

PROJECT: NORTH BOUNDARY ROAD, PHASE 2 Project Manager: Tim Zinkham

Timeline: 2018 Construction

Description: Improvements to North Boundary Road from Pinehurst Drive to Franklin Road.

Update: Project complete. Punch list items to be completed; some items require completion in the spring (seeding, landscape).

PROJECT: LIBRARY RENOVATIONS 2019 Project Manager: Evan Oswald

Timeline: Design – Winter/Spring 2019; Construction – 2019-2020

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

Update: Library Master Plan is in the design phase.

PROJECT: BRANDT DRIVE ROUNDABOUT

Project Manager: Jason Kratsas

Timeline: Construction – TBD

Description: Installation of a mini-roundabout at the connection of Brandt Drive from Route 19 to Executive Drive.

Update: Final design complete. To be completed with Brandt Drive Apartments.

PROJECT: ROUTE 19 & ST. FRANCIS WAY SIGNAL REPLACEMENT Project Manager: Jason Kratsas

Timeline: Bidding Award: April 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: Bid documents are available; anticipate award on April 4, 2019. Installation anticipated spring 2019.

PROJECT: ROCHESTER ROAD WIDENING TO GRAHAM SCHOOL ROAD Project Manager: Jason Kratsas

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.

PROJECT: MSA THRU-WAY

Project Manager: Jason Kratsas

Timeline: Utility Relocation - 2018

Description: Construction of a grade separated crossing of Rt. 228 that connects I-79 north, Mars Road & Cranberry Woods Drive.

Update: Final design completed. Awaiting HOP issuance.

PROJECT: MSA THRU-WAY – UTILITY GRADING

Project Manager: Jason Kratsas

Timeline: Grading completion – December 2018

Description: Utility grading work is 90% complete; utility relocation to begin.

Update: Contractor to be mobilized last week of October; duration will be four (4) weeks.

PROJECT: FREEDOM ROAD BRIDGE OVER TURNPIKE Project Manager: Jason Kratsas

Timeline: Design Phase - On-Going

Description: Replacement of Freedom Road Bridge over the Turnpike by PennDOT (design) and the Pennsylvania Turnpike Commission (construction).

Update: Current work in right-of-way, utility & MPT plans. Project website: <u>http://www.freedomroadbridge.com</u>

PROJECT: ADDITIONAL EASTBOUND RT. 228 LANE Project Manager: Jason Kratsas

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 PennDOT discussion of safety.

GENERAL/DESIGN PROJECTS:			
Managing Web Bidding	On-going	TSZ	
Managing Eng. Web Home Page	On-going	ЈМК	

BID UPDATES:

Authorization to Bid:

Water Tanks-Valve Project - LFM

Bid Openings:

Burke Road Improvement – 2/21/19 – TJS Line Painting & Traffic Markings – 2/21/19 - EAO BCWPCF-Disp.Bio-Solids,Grit(2019) 2/21/19 - LFM Rt.19/St.Francis-Signal-Replacement 3/20/19 - JMK

Status of Bids:

BCWPCF Exp General	5/10/16 - 9/15/19	Status 91% - TJS
BCWPCF Exp. – HVAC	5/10/16 - 9/15/19	Status 90% - TJS
BCWPCF Exp.– Plumbing	5/10/16 - 9/15/19	Status 85% - TJS
BCWPCF Exp. – Electrical	5/10/16 - 9/15/19	Status 92% - TJS
Newsletter yr. 3 (2018)	3/1/18 to 2/28/19	Status 88% - TSZ
Newsletter yr.4 (2019)	3/1/19 to 2/28/20	TSZ
Fire Station Exp/Ren – General	3/2/18 to 1/31/19	Status 65% – TSZ
Fire Station Exp/Ren – Electrical	3/2/18 to 1/31/19	Status 65% - TSZ
Fire Station Exp/Ren – Mechanical	3/2/18 to 1/31/19	Status 80% - TSZ
Fire Station Exp/Ren – Plumbing	3/2/18 to 1/31/19	Status 90% - TSZ
BCWPCF-Disp.Bio-Solids,Grit (2018)	4/1/18 to 3/31/19	Status 88% - LFM
North Boundary, Phase 2	4/9/18 to 10/31/18	Status 95% – TSZ
MSA Thruway-16" Water Line Reloc.	6/8/18 to 8/31/18	Status 98% - TSZ
MSA Thruway – Utility Grading	7/2/18 to 9/30/18	Status 75% - JMK
Twp Residential MSW/Recy yr 5 of 10 11/1/18 to 10/31/19		Status 24% - LFM
Lighting – NB Park Soccer Fields	10/16/18 to 4/1/19	Status 90% - TSZ
Superpave Resurfacing	2/4/19 to 7/1/19	Status 8% - JMK
Seal Coating	2/4/19 to 8/31/19	Status 8% - JMK
Micro-Surfacing	2/4/19 to 8/31/19	Status 8% - JMK
Crack Sealing	2/4/19 to 8/31/19	Status 8% – JMK
Housekeeping-MunBldg.yr.1(2019)	4/1/19 to 3/31/20	TSZ

ENGINEERING STATISTICS FOR FEBRUARY

Bond Release Reviews: 4

Cost Estimate Reviews: 2

Drawing Reviews: 6

NOTES:

Recycling Event:

Saturday, April 6 – 9:00 a.m. to 1:00 p.m.

Saturday, September 7 – 9:00 a.m. to 1:00 p.m.

ENGINEERING STAFF – CALENDAR UPDATE:

(Any staff member scheduled out of the office for 3 days or more)

Through March 31

Donna – week of March 18

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