

CRANBERRY TOWNSHIP, PENNSYLVANIA

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

PROJECT: GRANTS, PERMITS & REPORTS

Project Manager: Lorin Meeder

Timeline: September through December 2017

Description: Schedule of Reports & Grants

Update: All annual reports, grants and permit requirements have been submitted for 2017.

PROJECT: GRAHAM PARK, PHASE 2

Project Manager: Lorin Meeder

Timeline: Construction 2017

Description: Development of Phase 2 of Graham Park to include a variety of new park amenities.

Update: Contractor is finishing court amenities, sidewalks, parking lot paving and landscaping.

PROJECT: GRAHAM PARK RESTROOM BUILDING

Project Manager: Lorin Meeder

Timeline: Construction – October 2017

Description: Restroom facilities and storage for the courts at Graham Park.

Update: Restroom building is substantial complete, developing punch list items.

PROJECT: WATER METER REPLACEMENT PROGRAM

Project Manager: Lorin Meeder

Timeline: January – March 2018

Description: Contract for the installation of new water meters capable of being read by radio.

Update: Completed over 6,000 installations.

PROJECT: CRANBERRY WATER SYSTEM “WATER ALLOCATION PERMIT” RENEWAL

Project Manager: Lorin Meeder

Timeline: Due November 2017

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

Update: Permit application was submitted August 2 & deemed administratively complete by DEP and is under technical review; no comments have been received to date.

PROJECT: NORTH BOUNDARY PARK DISC GOLF COURSE & TRAIL, PHASE 1

Project Manager: Lorin Meeder

Timeline: Design – Fall/Winter 2017; Construction - Summer/Fall 2018

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: Consultant has started work on stormwater permit and nature trail design.

PROJECT: MS4 UPDATES

Project Manager: Tim Schutzman

Timeline: 5th Year Cycle of the 5 Year Permit (April-March)

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: Inspection of Township maintenance facilities performed. Inspection of Township stormwater facilities set for November.

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 constructing the chemical feed system, influent pump station, MBR building, MBR tanks, bioreactor #2 and upgrade to maintenance building.

PROJECT: FEMA PROGRAM

Project Manager: Tim Schutzman

Timeline: TBD

Description: The Federal Emergency Management Agency (FEMA) is in the process of updating the Flood Insurance Rate Map (FIRM) which is now in a county-wide format.

Update: FEMA has provided the Township with revised preliminary maps for Cranberry Township. Township to receive the letter of final determination on January 5, 2018. The current effective date for the new FIRM is scheduled for July 5, 2018.

PROJECT: STREAM ENCLOSURE AT NORTH BOUNDARY PARK

Project Manager: Tim Schutzman

Timeline: Completion by January 2017

Description: DEP Permit for a stream enclosure at the end of North Boundary Drive to provide for additional parking for the waterpark and for future park uses.

Update: Meeting with the Army Corp. of Engineers.

PROJECT: CRANBERRY ESTATES STORMWATER UPGRADE SYSTEM

Project Manager: Tim Schutzman

Timeline: Construction - Summer 2017

Description: Construction to upgrade storm sewer system along McDonald Drive.

Update: Contractor has completed the installation of the storm sewer pipe and will perform final restoration work in the fall.

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: Consultant working on a preliminary line & grade and utility coordination.

PROJECT: NORTH BOUNDARY PLAYGROUND

Project Manager: Tim Zinkham

Timeline: Fall of 2018 Installation

Description: Upgrade and replacement of the existing playground at the North Boundary Waterpark. The new playground will be within the same footprint of the existing playground. Phase 1 of the project will be a Kaboom! Project.

Update: Working on site design.

PROJECT: ROUTE 19 FIRE STATION EXPANSION

Project Manager: Tim Zinkham

Timeline: Bid – Fall of 2017/Winter 2018

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

Update: Final design process beginning.

PROJECT: WATER LINE REPLACEMENT PROGRAM

Project Manager: Tim Zinkham

Timeline: Bid – Fall of 2017

Description: Water line replacement on Greenwood Drive & Spring Drive.

Update: Bids under review.

PROJECT: ADAPTIVE TRAFFIC SIGNAL TECHNOLOGY

Project Manager: Kelly Maurer

Timeline: 2013 Grant - Freedom Road, 2014 Grant – Route 228, 2015 Grant – Route 19 (to Cranberry Square Drive), 2016 Grant – Route 19 Completion (new award)

Description: ARLE Grant Projects to add adaptive technology to the traffic signal system. The system will automatically “adapt” the traffic signals based on traffic conditions.

Update:

- Rochester Road (Thomson Park to Haine School) – Adaptive detection installation complete. Adaptive activated October 2016. Test mode complete. **Fully Adaptive Traffic Signal Operation.**
- Route 228 (I-79 to Franklin) – Adaptive detection installation complete. Activation anticipated Fall 2017.
- Freedom Road (Route 19 to Thorn Hill) – Adaptive detection installation complete. Activation anticipated Fall 2017.
- Route 19 (St Francis to Cranberry Square) - Adaptive detection installation completed.
- Route 19 (Cranberry Square to Victory) – June 2017 - Adaptive detection installation completed in advance of PennDOT paving project. Green Light Go Grant awarded to Rowan.
- Freedom Road (Thorn Hill to Powell) – ARLE Grant awarded for funding.

PROJECT: ROCHESTER ROAD WIDENING AT ROUTE 19

Project Manager: Kelly Maurer

Timeline: Final Design – Fall 2017; Construction - 2018

Description: Congestion Mitigation/Air Quality (CMAQ) Grant awarded to the Township for an additional lane on Rochester Road approaching Route 19. This will allow advance left turn signal phasing to increase intersection capacity & efficiency.

Update: Currently in final design, PennDOT review & right-of-way acquisition. Anticipated construction to begin Spring 2018.

PROJECT: UNIONVILLE CORRIDOR SIDEWALK

Project Manager: Kelly Maurer

Timeline: Construction – October 2017

Description: Completion of missing sidewalk segments on Unionville Road connecting Winchester Farms and Winchester Lakes.

Update: Construction anticipated to be completed by October 20.

PROJECT: BRANDT DRIVE ROUNDABOUT

Project Manager: Kelly Maurer

Timeline: Construction – Fall of 2017 or Spring 2018

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 (anticipated 2018).

PROJECT: ROUTE 19 & ST. FRANCIS WAY SIGNAL UPGRADE

Project Manager: Kelly Maurer

Timeline: Anticipated Construction 2019

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

Update: 2016 Green Light Go Grant awarded May 2017. Upon notice to proceed, design projected for winter 2017-2018 with construction summer 2018.

PROJECT: MSA THRU-WAY

Project Manager: Jason Kratsas

Timeline: Final Design - 2017

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

Update: Final design is 90% completed. HOP anticipated in October.

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:
<http://www.freedomroadbridge.com>

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	JMK

BID UPDATES:

Authorization to Bid:

None at this time

Bid Openings:

2017 Water Line Replacement Program – 10/12/17 – TSZ

CHGC Woodland Management – 10/23/17 - JMK

Status of Bids:

BCWPCF Exp. - General	5/10/16 – 9/15/19	Status 53% - TJS
BCWPCF Exp. – HVAC	5/10/16 – 9/15/19	Status 42% - TJS
BCWPCF Exp.– Plumbing	5/10/16 – 9/15/19	Status 30% - TJS
BCWPCF Exp. – Electrical	5/10/16 – 9/15/19	Status 45% - TJS
Housekeeping-MunBldg. yr.2 (2017)	12/1/16 to 11/30/17	Status 80% - TSZ
Twp Residential MSW/Recy yr 3 of 5	11/1/16 to 10/31/17	Complete - LFM
Water Meter Replacement Program	1/2/17 to 3/31/18	Status 60% - LFM
Newsletter yr. 2 (2017)	3/1/17 to 2/28/18	Status 64% - TSZ
Line Painting & Traffic Markings	2/6/17 to 7/15/17	Complete - JMK
Superpave Street Resurfacing 2017	3/7/17 to 7/1/17	Status 99% - JMK
BCWPCF-Disp.Bio-Solids,Grit (2017)	4/1/17 to 3/31/18	Status 56% - LFM
McDonald Storm Sewer	4/4/17 to 9/1/17	Status 97% - TJS
Graham Park Restroom Bldg.-Gen.	4/4/17 to 11/1/17	Status 80% - LFM
Graham Park Restroom Bldg.-Plumb.	4/4/17 to 11/1/17	Status 30% - LFM
Graham Park Restroom Bldg.-Elect.	4/4/17 to 11/1/17	Status 70% - LFM
Graham Park, Phase 2	4/4/17 to 11/30/17	Status 60% – LFM
Unionville Corridor Sidewalk	9/19/17 to 11/1/17	Status 85% - KRM
Housekeeping-MunBldg. yr.3 (2018)	12/1/17 to 11/30/18	TSZ
Twp Residential MSW/Recy yr 4 of 5	11/1/17 to 10/31/18	LFM

ENGINEERING STATISTICS FOR OCTOBER

Bond Release Reviews: 9

Cost Estimate Reviews: 2

Drawing Reviews: 7

NOTES:

ENGINEERING STAFF – CALENDAR UPDATE:

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

Through November 30

Lorin – November 1-6 and November 20-29