

**BETHLEHEM TOWNSHIP PHYSICAL PLANT AND IT REPORT  
BETHLEHEM TOWNSHIP MUNICIPAL AUTHORITY  
APRIL 2021**

Church Road/Green Pond Road Project

TOA is still working on completing sanitary sewers within the development. There is about 1400 feet remaining to install. Their most recent work has been on storm sewers, but should begin installation of the remaining sanitary sewers shortly. There are still some exterior issues around Pump Station 12 that need to be addressed, but they have worked on the fencing around the station.

The General Contractor for Pump Station 11 intends to begin work on the force main the week of April 12 and will also begin forming the pad for the emergency generator.

PACT has completed their test drilling for rock and is awaiting approval from PADOT to begin blasting where needed. That area appears to be on Green Pond Road from the pump station heading east toward Country Club Road. On April 7 they began pipe installation by connecting to the manhole at the pump station and running out toward Green Pond Road. From there they will head west toward Farmersville Road. We will be making some design changes to accommodate the required depth for some properties as a result of the lateral location sheets returned by property owners.

Pond View Court Sewer Extension

The proposed detour plan for Green Pond Road was approved by PADOT. Wexcon began working again on March 22. They completed the sewer on Pond View Court up to Green Pond Road, completed the manhole run heading east toward Farmersville Road, and are now working on the 3 remaining runs heading west on Green Pond Road from Pond View Court. They have about 300 feet of sewer main to install and 3 or 4 laterals along Green Pond Rd. They have also tested the sewers and manholes in the lower end of Pond View Court. The contractor has submitted their second Application for Payment.

Oakland Road Sewer Extension

On April 8 eight bids were received via PennBid. We are preparing a letter to the Authority based on our evaluation of those bids along with our recommendation on award of the contract along with a complete tabulation of the bids. That information will be part of the agenda at the Authority meeting.

## Tapping Fees

Based on discussions at the March meeting and a consensus of opinion in regard to the proposed new tapping fees, we prepared a new tapping fee resolution for approval by the Authority. Approved April 14<sup>th</sup>, 2021.

## Public Works Complex – Electrical upgrade Project

Project pending award to Larry McCullion & Sons Electrical Contractor Services LLC. Apparent low bidder: \$125,200.00.

## BTCC

Obtained 2 quotes for steam boiler – Under construction.

Only locations with active projects are reported, routine PM maintenance is not reported in the monthly report. For information on PM programs, IT, minor repairs, and services please email me at [shunsberger@bethlehemtp.com](mailto:shunsberger@bethlehemtp.com)

## CCTV and Jetting

Active - Jetting and CCTV normal operations.

## Housenick mansion

No major work scheduled.

Surveillance System evaluation being conducted for all PS locations based on Annual inspection - ongoing.

Pump Station #3 being evaluated for site improvements; fence replacement, landscaping, and clean-up.

- PPIS Sanitary Sewer Maintenance Team – Pending - evaluating switching Flexi data CCTV software to WinCam, in order to update the public sewer field operations, and WinCam appears to offer a much more appropriate approach to entire public sewer system maintenance. Basically, as the team progresses through a designated sewer shed, they will not leave it until; lines are

## **Status of Bethlehem Township Municipal Authority Projects**

Week of Monday, March 8, 2021

### **I. Under Review**

1. 112 12<sup>th</sup> Street (BT400) – Plans reviewed (resubmission required);
2. 3022 Place (BT321) – Land Development Plans reviewed (no comments);
3. Basile Senior Housing (4023 Oakland Road)(BT156) – Plans reviewed (resubmission required);
4. Birches at Bethlehem (BT315) – Land planning received; Resubmission required; ROC request letter provided;
5. Christine St. & Hay Avenue (BT323) – Plans reviewed (resubmission required); ROC request letter provided;
6. Dutt Tract (BT304) – Sketch Plan reviewed (no comments at this time); Planning meeting held 4/19/17 with developers engineer ARRO;
7. Freemansburg Square (BT126) – Revised plans reviewed (resubmission required); Sketch Plan reviewed (no comments at this time);
8. Grace Church – Bethlehem (BT322) – Plans reviewed (land planning required); ROC request letter provided;
9. Greek Orthodox Annunciation Church (BT286) – Plans reviewed; Land planning required before Final Approval;
10. Harvey's Corner (BT320) - Sketch plan reviewed (no comments);
11. Hecktown Road Business Park Lots 6 & 7 (BT317) – Planning items reviewed & plan resubmission is required;
12. Hope Road Commercial Development (BT277) – Sketch plan reviewed (no comments);
13. Justice Grown Medical Marijuana Dispensary (BT400) – Wastewater flow data requested;
14. King's View Avenue Medical Office Building (BT308) – Sketch Plan reviewed (no comments); Plan review escrow required;
15. Lehigh Valley Charter Academy (BT316) – Reviewed by ARRO (resubmission required);
16. Lehigh Valley Underground (BT312) – Plans reviewed (resubmission required);
17. Louise Moore Park Maintenance Building (BT400) - Plans currently under review;
18. LVIP IV Lot 17A (BT400) – Reviewed Sketch Plan (no comments at this time);
19. LVIP VI Lot 44 Fairfield Inn & Suites (BT314) – Plans reviewed; (plan review escrow required);
20. Meals on Wheels Addition (BT309) – Plans reviewed and wastewater flow data was requested;
21. Members First Federal Credit Union (BT325) – Plans currently under review;
22. Mill Creek Corporate Center/Business Park (BT282) – Plans reviewed by ARRO (resubmission required);
23. MNB Properties Office & Garage (BT306) - Plans reviewed (resubmission required); Comments on hold pending establishment of escrow;
24. Notre Dame High School Auditorium Addition (BT400) – Wastewater flow data requested;

25. Panda Express (Bethlehem Square Shopping Center)(BT400) - Sketch Plan reviewed (no comments at this time);
26. Kay River Hill (BT328) (formerly River Hill Estates BT313)– Plans reviewed; Land planning required before Final Approval; ROC request letter provided; ROC fee required for Final Plan approval;
27. Star Auto Mall (BT327) – Sketch Plan reviewed (no comments at this time);
28. TSAN Green Pond Road (BT400) – Reviewed Plan (no comments at this time);

## **II. Pending Construction**

1. 2115 112<sup>th</sup> Street Pavlish Lateral (BT326) – Lateral installation to be scheduled;
2. 4006 Wm. Penn Highway – Ali Proposed Med Office (BT228);
3. American Bank (BT201) – Issued final certificate 6/18/09;
4. Lands of Edward Youwakim (BT151) – Issued revised final certificate 4/19/11; Escrow again requested 7/11/11;
5. Lift-All East, Inc. (BT145) – Connect Monitoring MH to existing lateral;
6. Devine Subdivision (BT252) – Construction escrow required;
7. Green Pond Road Sanitary Sewer Extension (19007F) – Pre-construction meeting held 2/11/21;
8. LVIP VI Lot 43 (BT255) – Final Plans reviewed; Pre-construction meeting held 9/30/18; Shop drawings, escrow & cut sheets required;
9. 3025 Northampton Street Lateral Installation (BT294) - Lateral location to be staked by developer and escrow established;
10. Oakland Road Sanitary Sewer Extension (20007C) -
11. River Hill Estates (BT313) – Pre-construction conference held 1/13/21; Work scheduled to start end of January 2021;
12. Washington Park Estates (BT197) – Pre-construction conference required; 1 set of Final plans required prior to preconstruction conference;

## **III. Under Construction**

1. 1700 2<sup>nd</sup> St. & Lindberg Lateral Installation (BT324) – Work completed 10/2; Permanent road restoration required; Lateral installation invoice approved 11/17/20;
2. 4217 Fritch Drive (BT310) – Pre-construction conference held 11/19/19; Monitoring manhole installed 1/21/20; Vacuum test 30 days after frame & cover installed;
3. Green Pond Country Club/TOA PRGCC (BT280) - Pre-construction conference held 8/19/19; Additional sanitary sewer pre-construction conference scheduled for 8/26/19; Construction to start in second half of September; Post-pre-construction coordination meeting held 8/29/19; Scheduled to start 9/30/19; Sanitary sewer shop drawings reviewed; Construction in progress; 30 day test waiting period ends 11/22/19 for gravity system, and ends 12/11/19 for force main; Flushing & televising of loop around club house is performed by BTMA; Pipe and manhole testing (gravity & force main) of loop completed 2/6/20;
4. Pond View Court Sanitary Sewer Extension (19007E) – Construction bids received 9/1/20; Pre-construction conference held 9/21/20; PENNDOT HOP received 1/22/21; Construction started 1/19. Site meeting w/PENNDOT scheduled for 2/1/21; Construction on hold pending PENNDOT detour plan approval;

5. William Penn Commons (BT261) – Pre-construction meeting held 7/10/12; Shop drawings received; PENNDOT HOP received; Site meeting was held on 12/11/12 with PENNDOT; on-site construction completed 2/8/13; PENNDOT work delayed; Letter issued 5/23/14 re condition of manholes; Meeting with developer, design engineer & BTMA scheduled for 8/27/14; New PENNDOT HOP required;
6. Nancy Run Estates Phase 7 – 10 (BT290) – Pre-construction meeting held 8/8/19; 2 complete sets of Final Plans received 10/16/19; Anticipated start is Oct/Nov; BTMA TV investigation of 10<sup>th</sup> Street laterals performed 9/24/19; 10<sup>th</sup> Street lateral installations performed week of 11/4/19; Construction continues; Pipe air pressure testing in loop performed 5/59/20 & mandrel testing completed 6/2/2020; Manhole testing in Orth & Trythall completed 11/20/20; Air pressure testing outside of loop completed 11/20/20 as well, mandrel testing is remaining;

#### **IV. Require As-Built/Testing/Final or Maintenance Inspection**

1. 5000 Township Line Road (BT311) – 2 sets of plans required; Pre-construction conference held 2/7/19; Construction to start week of 2/18/19; Plan revisions required due to gas conflict; Construction started 3/18/19; Construction completed 3/29/19; Pipe testing performed 6/18/19; Manhole testing required after 4/29/19; Permanent paving restoration performed 6/21/19 (street & driveway); As-Builts satisfactory & electronic version received; Final Inspection performed 10/11/19 with items to be addressed; Follow-up Final Inspection performed 11/27/19 with items to be addressed; Maintenance Period started 12/4/19 and ends 6/4/21 (schedule Maintenance Inspection 5/4/21);
2. 8030 William Penn Highway (BT275) – Pre-construction meeting held 6/30/16; PENNDOT manhole approval received; Construction started January 13, 2017; Testing, flushing & televising completed 3/28/17; As-Builts reviewed & final submission received; Final Inspection performed 3/30/17 & follow-up Final Inspection performed 4/3/17 with work items required; Watertight manhole frame & cover installed on doghouse manhole 5/16/17; Follow-up Final Inspection performed 6/8/18 with field items addressed; Maintenance Inspection performed 3/6/20 - field work items not complete;
3. Bethlehem Area Vocational Technical School (Haines Property/Skills Hill)(BT258) – Two sets of signed and sealed plans required prior to construction; Pre-construction meeting held 9/11/15; Construction completed 11/18/15; Air pressure testing performed 5/20/16 & mandrel testing performed 12/22/15 & 12/28/15; Manhole vacuum testing completed 11/4/16; Pipe televising performed 9/28/16; Final Inspection performed January 12, 2017 with items to be addressed; Follow-up Final Inspection performed 1/20/17 with all field items satisfactorily addressed; As-Builts reviewed (mylar or .pdf required) – 2<sup>nd</sup> request issued 11/5/18; 3<sup>rd</sup> request issued 1/29/19; As-Built .pdf received 2/7/19; Maintenance Inspection required;
4. Birchwood Commons (BT191) – Pre-construction meeting held 7/19/12; Additional pre- construction meeting held 7/10/15; Construction started 11/16/15. Tie-in manhole base to be retained and filled with concrete for future BTMA pipe lining project; Partial testing performed 3/23/16; Construction restarted March 21, 2017; Construction completed 4/24/17 & testing can be performed after 5/24/17; Last of pipe testing scheduled for 6/6/17 – manhole testing performed; Final Inspection performed 12/13/18 with items to be addressed; As-Builts

- required - 2<sup>nd</sup> request issued 1/29/19; Follow-up Final Inspection performed 3/28/19; Follow-up Final Inspection performed again on 5/1/19 with all field work items satisfactory; As-Builts (final electronic version) received 8/23/19;
5. Brodhead Road Distribution Center (BT302) – Pre-construction meeting held 4/25/18; Construction scheduled to start 7/24/18; Shop drawings reviewed 6/22/18; Cut sheet reviewed 8/30/18; Construction agreement & escrow received 9/4/18; Construction completed 11/1/18; Pipe testing performed 2/15/19; Manhole testing & pipe flushing & televising performed satisfactorily 6/4/19; As-Builts required; Final Inspection performed 11/26/19 with field items to be addressed; Follow-up Final Inspection performed 1/7/20 with field items to be addressed; Follow-up Final Inspection performed 2/12/20 with field items satisfactorily addressed;
  6. Charles Chrin Comm. Center of Palmer Twp. - Requires vacuum testing, Final Inspection and As-Builts;
  7. CHS Medical Office – LVIP 4 Lot 26B (BT166) – Pending Maintenance Inspection;
  8. CVS – Dischinat (BT253) – Apartments sanitary sewer manhole vacuum test completed 5/12/11;  
Final Inspection was performed 5/18/11 with all items satisfactory; Maintenance Inspection required;
  9. Chipman Rd Sanitary Sewer Extension (20007A)– Work scheduled for late in week of 6/8/20 or week of 6/15/20; Work started 6/15/20; Work expected to be completed week of 6/22/20; Construction completed 6/23/20; Testing can be performed 7/23/20; Sod needs to be placed; Testing performed satisfactorily 7/28/20;
  10. Easton Avenue Sanitary Sewer Extension (20007B) – Site meeting w/contractor & BTMA staff held on 5/59/20; Plan revisions required; PP&L fee for holding pole waived & is scheduling work- could be performed in July 2020; Construction started 8/19/20 with PP&L to hold pole 8/20/20; Construction completed 8/20/20; Manhole & mandrel tests being scheduled after 9/20/20; Restoration required; Contractor pay request reviewed 9/18/20; Mandrel & manhole tests performed 9/25/20 satisfactory; Final Inspection performed 9/25/20 with items to address; Restoration work still required;
  11. Freemansburg Dental (BT266) - Pre-construction conference held 7/30/14; Meeting w/BTMA & BTMA contractor scheduled for 9/29/14; BTMA contractor installed lateral and monitoring manhole 12/9/14; Manhole vacuum testing was performed 2/18/15; As-Builts reviewed & .pdf received; Final Inspection performed 6/25/15; Maintenance Inspection required;
  12. LVIP IV Lot 55 & 56 Fresh Pet (BT268) – Lateral installed 9/19/19;
  13. LVIP IV Lot 57 Freshpet (BT298) – Site meeting held 5/11/18 with BTMA, developer and engineer; Two complete sets of plans received 6/10/19; Pre-construction meeting scheduled for 7/22/19; Cut sheets reviewed 7/18/19; Shop drawings reviewed (additional required); Construction completed 8/14/19; Pipe testing & CCTV completed 8/14/19; Manhole vacuum testing and Final Inspection performed 1/24/20 with field items to be addressed; As-Builts required; Lateral installed 9/19/19; Follow-up Final Inspection performed 3/6/20 with all field work items satisfactory; 18 month Maintenance Period Inspection due 9/6/21;
  14. Madison Farms Phase 1 (BT260) – Maintenance Inspection required;

15. Madison Farms Phase 2 (BT260) – Maintenance Inspection required;
16. Madison Farms Phase 3 (BT260) – Maintenance Inspection required;
17. Madison Farms Phase 4 (BT260) – Maintenance Inspection required;
18. Madison Farms Phase 5 (BT260) – Maintenance Inspection required;
19. McDonald’s Re-Build – Rt. 191 (BT289) - Pre-construction meeting held 5/1/17; Lateral investigation scheduled for 5/22/17 showed broken pipe; Site meeting with BTMA contractor 5/23/17 to provide price for McDonald’s payment; Site meeting 5/31/17 with NCCD, BTMA & contractor, & site manager re E & S requirements; Monitoring manhole installation performed without observation notice; Pipe installation completed 6/12/17; Pipe and manhole testing performed 7/11/17; Final Inspection performed 8/15/17 with field items to be addressed; As-Builts reviewed (resubmission required); As-Builts requested; 3<sup>rd</sup> request issued 1/29/19; As-Builts reviewed 3/5/21 (resubmission required);
20. Negrao (BT105) – City of Bethlehem; As-Builts required;
21. Vineyard at Wagner Farms – Phase 8 (BT148) –Reviewed As-Builts (mylar to be submitted). Final Inspection performed 11/11/11 and no field work items remain to be addressed; Project close-out pending;
22. William Penn Commons (BT261) – On-site sanitary sewer testing completed 5/31/13; As-Builts required;

**V. As-Built in Progress**

- 1) GIS Updating for BTMA (BT405) –
  - A. LVIP VI Lot 25A – With BTMA staff;
  - B. LVIP VI Lot 9 BGSD – With BTMA staff;
  - C. LVIP VI Flexicon Expansion - With BTMA staff;
  - D. NCACC Dorm Expansion – With BTMA staff;
  - E. Freemansburg Dental - With BTMA staff;
  - F. Freemansburg Avenue Corridor Improvements – With BTMA Staff
  - G. Meyer Lane Apartments – With BTMA Staff
  - H. BAVTS Skills Hill - With BTMA Staff
  - I. Our Lady of Perpetual Help Emergency Repair - With BTMA Staff
  - J. Madison Farms Phase 1 – With BTMA staff
  - K. Madison Farms Phase 3 – With BTMA staff
  - L. 5000 Township Line Road – With BTMA Staff
  - M. Madison Farms Phase 2 – With BTMA staff
  - N. Madison Farms Phase 4 – With BTMA staff
  - O. Madison Farms Phase 5 – With BTMA staff

**VI. As-Builts Completed, Mylars Received, in GIS**

**VII. Miscellaneous**

- 1) Chapter 94 Report (BT400) –
- 2) William Penn Highway/Indiana Street (BT400) – Gravity and LPSS lateral investigation;

**VIII. Review Complete – No Field Work**