

BETHLEHEM TOWNSHIP PHYSICAL PLANT AND IT REPORT
BETHLEHEM TOWNSHIP MUNICIPAL AUTHORITY
January 2017
January 11, 2016 REPORT

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

Pump Station #6

New control system in design. BTMA Financed

Miscellaneous Laterals and Miscellaneous Paving

Lateral installations occurring as needed by RGC Construction as per contract.

Annual Report 2016

In progress

Annual System Inspection 2016

Scheduled for Thursday, January 12, 2017

Asbestos Cement Pipe Lining Schedule 2017

Preparation for 2017 lining schedule in progress. BTMA finance approx. \$150,000.00 pledged.

CIPP Lining:

Anticipate project start fall 2017.

Electrical Conservation (all locations) and Police Car-Port Project:

In Progress: LED Migration in progress – Indoor pool lighting on hold until roof repairs are made.

Geographic Information System (GIS), Stormwater Program –

In Progress: Stormwater point data collection in progress, LiDAR and orthophotography flights completed. Sample FEMA data arriving soon, William Penn Highway LiDAR and 1' contour deliverable shortly. Final LiDAR deliverable early 2017.

PPIS Facility expansion Project:

- Bidding anticipated for February 2017, construction to begin in March, with completion by end of July 2017.

Equipment Delivery:

BTMA purchased 4 wheels drive off-road jetting unit as back-up to combo unit, and begin off-road jetting program of 67,000 ft. of various pipeline

sizes. Delivery anticipated update February 2017, off-road program to begin early spring 2017.

Major Extension Projects:

In progress - BTMA evaluating Church Road/Green Pond Road, and Country Club Road regional sewer project as part of the TOA and Millcreek subdivisions development. BTMA seeking grant funding (maximum increased to \$1M) for construction of regional and secondary PS to serve area.

Technology:

CODY Systems for Police – In progress.

BTCC "Public" Wireless Upgrade - New Configuration/Design completed, submitting PO to purchase equipment. Installation for early 2017.

Note worthy:

Easton Avenue connection modification project (currently serves three homes on one service) – On hold

Fuel Pump permitting underway. L&I delays due to permitting backlog.

Status of Bethlehem Township Municipal Authority Projects

Week of Monday, December 26, 2016

I. Under Review

1. 4006 Wm. Penn Highway – Ali Proposed Med Office (BT228) – Reviewed revised Final Plans;
2. 4401 William Penn Highway – Amin (BT247) – Reviewed Layout Plans (no comments);
3. Biondo Tract (BT288) - Plans reviewed (resubmission required); Awaiting Plan Review Escrow to be established;
4. Birchwood Commons (BT191) – Revised Final Plans reviewed (resubmission required);
5. Freemansburg Square (BT126) – Revised plans reviewed (resubmission required);
6. Green Pond Country Club/TOA PRGCC (BT280) – Plans reviewed by ARRO (resubmission required);
7. Greek Orthodox Annunciation Church (BT286) – Plans reviewed (resubmission required);
8. Hope Road Commercial Development (BT277) – Sketch plan reviewed (no comments);
9. LVIP IV Lot 17A (BT400) – Reviewed Sketch Plan (no comments at this time);
10. LVIP VI Lot 32 (BT299) - Plans reviewed (resubmission required);
11. LVIP VI Lot 43 (BT255) - Plans reviewed (resubmission required);
12. Madison Farms Phase 4 (BT260) - Plans reviewed by ARRO (resubmission required);

13. Mill Creek Corporate Center Ph 1 (BT282) – Plans reviewed by ARRO (resubmission required);
14. Nancy Run Estates Ph 7 – 10 (BT 290) - Plans reviewed (resubmission required);
15. PENNDOT Hope Rd Facility Expansion (BT400) – Plans reviewed; flow documentation provided;
16. Rau Lane Residential (BT295) – Plans reviewed (resubmission required);
17. TSAN Green Pond Road (BT400) – Reviewed Plan (no comments at this time);
18. Washington Park Estates (BT197) – Plans reviewed;
19. William Penn Highway Twin (BT296) - Plan review on-hold pending BTMA study results;
20. Willow Park Self Storage (BT227) –Reviewed plans;

II. Pending Construction

1. 4006 Wm. Penn Highway – Ali Proposed Med Office (BT228)
2. 8030 William Penn Highway (BT275) – Two sets of Final Plans received; pre-construction meeting held 6/30/16; Construction could start late December; PENNDOT manhole approval received;
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. LVIP IV Lot 57 Fresh Pet Innovations (BT298) - Construction escrow required; 2 sets of plans required;
8. LVIP VI Lot 44 We Store Warehouse (BT271) – Pre-construction meeting to be scheduled;
9. McDonald's Re-Build – Rt. 191 (BT289) - Pre-construction meeting to be scheduled;
10. 3025 Northampton Street Lateral Installation (BT294) - Lateral location to be staked by developer and escrow established;

III. Under Construction

1. 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 scheduled to resume early January 2017;
2. 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;
3. Madison Farms Phase 1 (BT260) – Construction started June 2014; Pipe sag downstream of MH 63A has been addressed; Building E2 lateral installed; Pipe failure between MH 43 & MH 44 was found and corrected 3/1/16 with satisfactory testing on 4/4/16; Final Inspection performed, and punch list to be prepared;
4. Madison Farms Phase 2 (BT260) - Construction is completed; Emanuel Ct. lateral conflict pre-construction meeting held and construction completed 8/29/16;

5. Madison Farms Phase 3 (BT260) – Construction completed 9/23/16; Sanitary sewer manhole 49 was slid back (25 ft.) after initial construction at the contractor's request;
6. Madison Farms Phase 4 (BT260) – Construction started 12/15/16 in Long Dr. easement;
7. Meyer Lane Apartments (BT139) - Pre-construction meeting held 7/7/16; Revised Final Plans approved; First lateral connected 12/14/16; Second lateral tap-in completed on 12/21/16; Permanent road restoration required;
8. 1619 8th Street Lateral (BT300) – Minor lawn restoration required in Spring 2017;

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

1. 1880 Chain Dam Road - Requires final paving inspection after curb replacement;
2. 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;
3. Charles Chrin Comm. Center of Palmer Twp. - Requires vacuum testing, Final Inspection and As-Builts;
4. CHS Medical Office – LVIP 4 Lot 26B (BT166) – Pending Maintenance Inspection;
5. 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;
6. Freemansburg Avenue Corridor (BT276) – Construction & pipe testing completed; All 3 clean-outs now removed from within Freemansburg Ave roadway; Follow-up Final Inspection performed 10/14/15 with no field work items to be addressed; As-builts reviewed (resubmission required);
7. 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 required; Final Inspection performed 6/25/15;
8. LVIP VI Lot 9 – BGSD (BT270) --- Issued final certificate 1/17/14; Pre-construction meeting held 3/18/14; Monitoring manhole testing performed 10/9/14; Follow-up Final Inspection performed 11/11/14; As-built mylars received 1/28/16; Maintenance Inspection required;
9. Madison Farms Phase 1 (BT260) – Partial mandrel & air pressure pipe testing performed; Manhole vacuum testing performed 4/21/15; Pipe flushing & televising performed 3/24/15; As-builts required; Final Inspection performed 12/13/16;
10. Madison Farms Phase 2 (BT260) – Testing, flushing & televising performed 11/17/16; As-builts required;
11. Madison Farms Phase 3 (BT260) – Testing, flushing & televising performed 11/17/16; As-builts required;
12. Maple Shade Estates (BT196) – All air pressure & mandrel pipe testing completed; Manhole vacuum testing remains after base course paving; As-Builts reviewed (resubmission required); Final Inspection, Pipe flushing & televising was completed 5/21/14 with items to be addressed;
13. Nancy Run Estates Phase 4 (BT207) – Final Inspection required;

14. NCACC Dorm Expansion (BT273) – Issued final certificate 3/3/14; Pre-construction meeting held 4/17/14; Construction completed 7/16/14; Pipe air pressure & mandrel testing performed 2/5/15; Manhole vacuum testing performed 3/30/15; Final Inspection was performed on May 13, 2016 with items to be addressed; As-builts reviewed (resubmission required);
15. Negrao (BT105) – City of Bethlehem; As-builts required;
16. Old Dominion Distribution Center (BT284) – Testing of collector performed 11/22/16; Lateral testing, and flushing & televising of main was satisfactorily completed 12/20/16;
17. People First Federal Credit Union (BT259) – Construction completed 10/15/14; Testing at 25psi was performed satisfactorily 4/23/15; As-built plans provided; Maintenance Inspection required;
18. St Luke's MOB N (BT111) - Pre-construction meeting held 9/14/15; Construction completed 1/7/16; Pipe air pressure and mandrel testing performed 5/2/16; Manhole testing remains to be performed
19. 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;
20. 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

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

VII. Miscellaneous

- 1) Chapter 94 Report (BT400) – In progress
- 2) William Penn Highway/Indiana Street (BT400) – Gravity and LPSS lateral investigation;
- 3) Pump Station No. 4 (BT428) – Final lawn restoration required;

VIII. Review Complete – No Field Work