

**City of Bethlehem Department of Public Works
Infrastructure/Civil Projects 2023**

SPECIAL PROJECTS

Project Name: **Greenway Design/Const.
Phases I, II, III, IV, V, VI, & VII**

Project No.: 2021-42

Contact Person: BGY/PBG

Budget No.: 62013-66163

Budget Amount: \$756,957.00

Balance: \$0

NTP Date: 12/10/2021

Req. Date of Completion: 10/15/2022

Engineering Consultant: Boucher & James

Contractor: Grace Industries

Bid Tab No.:

Contract No.: Closed

STATUS:

- 1) This item is for project management for the design and construction phases. This project originated in Community Development and the role of the Engineering Bureau must be further defined as the project moves forward.
- 2) Reviewing design proposal and preparing cost estimate and concept plan for minimal work for entire greenway from Hill-to-Hill Bridge to 4th Street including walking path and minimal grading/clean-up. Phased, more substantial work can then be implemented over time.
- 3) Phase I from New St. to Fillmore St. is currently under design.
- 4) Preliminary plans completed, reviewed by City, and comments provided to Simone Collins.
- 5) Meeting is scheduled June 23rd to discuss Phase 1 & 2 and priorities for grant funding.
- 6) Project bid date November 2009, tentative spring 2010 construction start for Phase I. The City negotiated and had the Sands Casino Development complete a portion of the Greenway with Public Works oversight and contributions (Hayes Street to William Street extended).
- 7) Project bid date for Phase I July 2010. Bids due July 22, 2010. Award of project anticipated in March 2010. Phase II (Fillmore to Hayes) is currently under design and review by Penn DOT.
- 8) Specifications for Phase I are being finalized. Anticipated bid date of August 08, 2010. Lighting for Phase I to be included with Phase II bid.
- 9) Phase I (South New Street to Fillmore Street) was awarded to Nimaris Construction, LP and is currently under construction (Notice to Proceed was issued on September 16, 2010). Phase II (Fillmore Street to Hayes Street) bids were received September 02, 2010. Semmel Excavating, Inc. was low bidder at \$679,454.00. The contracts are currently being prepared and a pre-bid meeting will be scheduled shortly.
- 10) Phase I is on winter shut down. Pre construction meeting was held November 19, 2010. Phase II construction began December 02, 2010 and is ongoing. Light bases are set and stone for path placed. Progress meetings are being held bi-weekly.
- 11) Concrete wall poured at Hayes Street. Storm sewer is being installed for Phase II. Phase I will be remobilizing at the beginning of April 2011.
- 12) Phase I completed May 27, 2011 by Nimaris Construction LP. Phase II under construction by Semmel Excavating. Contract will expire July 13th, 2011. Change Order #2 is being processed for unforeseen additional work. Phase III bids received May 26, 2011 with Nimaris as low bidder. Nimaris withdrew their bid. Contract awarded to Kinsley Construction Inc. for \$1,810,498.00. A pre-construction meeting is scheduled for 08/08/2011.
- 13) Phase II was completed August 12, 2011. Phase III is currently under construction. Work is currently taking place at Hayes Street and access areas at Parham Park and Hobart Street.
- 14) Contractor for Phase III shut down for winter. They will resume work April 09, 2012.
- 15) Work has been completed at Hobart Street crossing as well as intersection of 3rd & Daly Streets. Walkthrough of PH 3 occurred on 06/26/12.
- 16) Phase 3 lighting installed and walk through with subcontractor occurred on 08/07/12. Punchlist inspection conducted 09/05/12. Project completion date 10/03/12.
- 17) Phase III complete. Phase IV design underway.
- 18) Phase IV NPDES Permit was submitted to PA DEP.
- 19) N/C
- 20) Final design documents for Phase IV have been submitted by Simone Collins. The City is reviewing plans and specifications. Construction is tentatively scheduled to begin early 2016.
- 21) Comments have been submitted to Simone Collins on the design.

	<p>22) Bid packages are being prepared for Phase IV and for the Hobart Street connection.</p> <p>23) An RFP was issued for design of a trail connection between the proposed Greenway Phase IV and Saucon Park. Four (4) proposals were received and are under review.</p> <p>24) Greenway Phase IV is out to bid, with bids due on June 17, 2016. The trail connection to Hobart Street will be bid in August. An RFP was issued and a consultant was selected for the design of the trail connection to Saucon Park.</p> <p>25) Four (4) bids were received for construction of Greenway Phase IV and the contract has been awarded to Voller's Excavating and construction work began in October.</p> <p>26) All work was completed as of December 2016.</p> <p>27) The Hobart Street connection to the Greenway has been re-bid with a reduced scope. Seven (7) bids were received on the project. A recommendation to award a contract to the low bidder, Construction Masters Services has been submitted to City Council for approval.</p> <p>28) A contract for the Hobart Street connection was awarded to Construction Masters Services, and the NTP was issued on May 30, 2017. Construction began with the installation of new storm sewer structures. Due to conflicts with existing utilities, the storm sewer needed to be re-designed and a new manhole fabricated. With this delay, the contractor has demobilized and allocated resources to the Monocacy Creek Pedestrian Bridge project. Work on this project is expected to resume in mid-July. Design of the connection of the Greenway to the Saucon Park baseball fields is currently underway with our consultant Boucher & James.</p> <p>29) Construction contractor remobilized in September for the Hobart Street Connection Project. All storm sewer work has been completed per the revised design plans. Contractor is currently working on the layout for the concrete staircase. Phase V, the connection to Saucon Park was submitted to NCCD and PA DEP for permitting.</p> <p>30) Construction of the concrete staircase connection to Hobart Street was completed in late November 2017. Handrail and chain-link fence has been installed. The intersection of Hobart and Railroad Streets was poured and crosswalk striping applied. Punch list work is complete and the City is negotiating a change order for additional costs incurred during construction. The Hobart Street connection to the Greenway is complete. Phase V is still under review by PADEP.</p> <p>31) Phase V is still under review by PA DEP.</p> <p>32) N/C</p> <p>33) NPDES approval is anticipated in the near future.</p> <p>34) We are reviewing constructability of the retaining walls and coordinating work with LVRM.</p> <p>35) Access to LVRM property is needed to check some survey points. An access agreement is being prepared.</p> <p>36) Additional survey was performed on LVRM property. The plans are being revised accordingly. The project should go out to bid late summer or early fall 2019.</p> <p>37) Final revisions being made to adjust the slope of the trail and to avoid disturbance of the LVRM property.</p> <p>38) The NPDES permit has been re-submitted due to changes to the trail location. This project will be bid in early 2020.</p> <p>39) NPDES approval is expected soon. Bidding will follow.</p> <p>40) Final plans addressing our comments are expected to be submitted to the City in mid-July.</p> <p>41) Final plans have been submitted to the City. The NPDES permit is still under review.</p> <p>42) The revised plans are under review by NCCD for the NPDES permit. Bidding is expected in late winter 2021.</p> <p>43) Phase V plans re-engineered to eliminate/reduce 12' retaining walls along path downgrade to Saucon Park to reduce costs and improve visibility. Being finalized for bidding.</p> <p>44) Phase V plans completed, out to bid, and bids are due November 1, 2021.</p>
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	<p>45) A contract for the Saucon Park Ball Fields Connection (Phase V) was awarded to Grace Industries, Inc., and the NTP was issued on 12/10/21.</p> <p>46) Construction was mobilized end of December 2021. E&S controls have been established on site. Construction is expected to be completed in the second quarter of 2022.</p> <p>47) Minor design changes were made to mitigate slope stability concerns and improve trail accessibility. Construction continued through the second quarter of 2022 and is anticipated to be completed in the third quarter.</p> <p>48) Construction continued through the third quarter of 2022. Phase V is anticipated to be complete on October 15, 2022 providing a connection between the Saucon Park Ballfields and the South Bethlehem Greenway.</p> <p>49) Phase V construction completed on 10/15/2022. Final inspection of the Greenway Saucon Park Connection took place on 12/2/2022 and Phase V is now fully complete.</p> <p>50) Project is complete. The City has secured a \$2,500,000 grant for the Greenway Phase VII connecting the existing trail to Hellertown, (the trail is approximately 0.9 miles). In addition, the City is pursuing a DCNR grant. These grants will be primarily utilized for land acquisition cost for this final Phase of the Greenway.</p> <p>51) The city continues efforts to pursue additional grants to fund the project (Phase VII).</p> <p>52) The City secured approximately \$2.7 million for land acquisition, will continue to pursue additional grants, and negotiate the land acquisition cost currently projected to be over \$7 million.</p> <p>53) The City continues the discussion with Norfolk Southern about the land acquisition for final phase of Greenway.</p>
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Project Name: Monocacy Way Trail Improvements Phase II	STATUS:
Project No.: 2023-10	1) The City received a grant for \$286,000.00 from DCNR for upgrades to Monocacy Way. Plans and specifications are being prepared based on recommendations from the Parks study.
Contact Person: BGY/ANM	2) N/C
Budget No.: Pa DCNR Grant	3) URDC is preparing plans for these improvements.
Budget Amount: \$286,000.00	4) N/C
Balance: \$	5) We met with URDC to discuss plan preparation. A PSA is being prepared.
NTP Date:	6) URDC is under contract and beginning design.
Req. Date of Completion:	7) Design of the trail improvements are under way.
Engineering Consultant: URDC	8) N/C
Contractor:	

Bid Tab No.:	<p>9) An amendment is being prepared for a Wetlands Delineation.</p> <p>10) The Wetlands Delineation has been completed. Preliminary plans are being completed currently.</p> <p>11) Soil permeability testing was completed for stormwater discharge.</p> <p>12) This plan is currently under review by NCCD for the NPDES permit.</p> <p>13) We received the NPDES permit and are preparing to go to bid.</p> <p>14) Project went out to bid and all bids are due July 28, 2021.</p> <p>15) After bid opening, contract was awarded to Construction Masters Services, LLC (CMS) who was the lowest bidder and met all requirements. NTP was issued and construction began on September 24, 2021.</p> <p>16) Construction started in October, and all the RMA sections were fully completed. Obtained permit from DEP and continued working on the NPDES permit section.</p> <p>17) Work was put on hold during winter 2021/2022 season. Work resumed end of March 2022 with completion anticipated at the end of May 2022.</p> <p>18) Construction was completed in May 2022 and the trail was opened to the public in June 2022. Project is complete.</p> <p>19) Phase I project is complete.</p> <p>20) The City is pursuing a DCNR grant for the Monocacy Way Trail Improvements Phase II, connecting the existing trail at Schoenersville Road south to the D&L Trail.</p> <p>21) The City sent an RFP for design of the Monocacy Way Improvements Phase II. Four (4) proposals were received and are being evaluated.</p> <p>22) Evaluation was completed, PSA will be awarded in November 2023.</p> <p>23) PSA anticipated in January 2024.</p>
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Project Name: Friendship Park Revitalization	<p><u>STATUS:</u></p> <p>1) Pursuant to a 2022 master plan developed for Friendship Park, an RFP was sent for the design of improvements for the park. Three (3) proposals were received and are being evaluated. A contract to survey Friendship Park has been awarded to Barry Isset & Associates to support the design and is expected to be completed in April 2023.</p> <p>2) The contract for the engineering design was awarded to HRG Associates. 30% design documents have been delivered and we are pursuing additional grant funding for the park construction anticipated in 2024.</p> <p>3) N/C</p> <p>4) Finalizing the design and required permits.</p>
Project No.: 2023-29	
Contact Person: PBG/BGY	
Budget No.:	
Budget Amount: \$	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

Project Name: Fairview Park Revitalization	<p><u>STATUS:</u></p> <p>1) The City has partnered with Kaboom to design and build park improvements. In collaboration with Kaboom the design day will be in May 2023 and the volunteer build week will be in October 2023.</p> <p>2) The design day was held in May 2023. The resulting community input has been incorporated into a park design. Biweekly planning meetings will be held to coordinate the October 2023 build week.</p> <p>3) Bureau of Grounds Maintenance and Bureau of Streets completed major improvements to the park in preparation for the build/install day in October 2023.</p> <p>4) Build week was held from 10/2/23-10/4/23. Event was very successful. Project is complete.</p>
Project No.: 2023-26	
Contact Person: PG/BGY	
Budget No.:	
Budget Amount: \$	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

Project Name: Sun Inn Courtyard Repairs	<u>STATUS:</u> 1) The City will be conducting temporary repairs focused on the walking path areas to address uneven surfaces to prevent tripping hazards. In addition, the City will develop a long-term concept design along with estimated costs to replace the surface of the entire courtyard. 2) All temporary repairs were completed in May 2023. Project is complete. 3) The City is pursuing a grant to complete the full upgrade and improvements at Sun Inn Courtyard and coordinating efforts with abutting land owners. 4) N/C
Project No.:	
Contact Person: BGY	
Budget No.:	
Budget Amount: \$	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

STATUS:

- 1) The City will be conducting temporary repairs focused on the walking path areas to address uneven surfaces to prevent tripping hazards. In addition, the City will develop a long-term concept design along with estimated costs to replace the surface of the entire courtyard.
- 2) All temporary repairs were completed in May 2023. Project is complete.
- 3) The City is pursuing a grant to complete the full upgrade and improvements at Sun Inn Courtyard and coordinating efforts with abutting land owners.
- 4) **N/C**

Project Name: Climate Action Plan	STATUS: 1) An RFP is currently being prepared for a consultant to assist the City reviewing /calculating municipal and citywide GHG emissions, setting GHG reduction targets, and developing a Climate Action Plan to meet our goals. 2) Proposals were received from 4 firms and are currently being reviewed. 3) Consultant selected and even though the fee is one of the lowest of the 4 proposals, it is higher than budgeted and a contract is anticipated in early 2020. 4) This project was awarded to WSP and work will commence in early 2020. 5) A kickoff meeting was held in March 2020. WSP is reviewing the City’s GHG emissions calculations. A working group is being contacted for future meetings and participation/input into the development of the plan. 6) The first Working Group Meeting was held on May 1, 2020 and two (2) Public Meetings were held on June 17, 2020. Sub-groups are currently being formed to have detailed conversations about a variety of topics and goals within the Climate Action Plan. 7) Sub-groups have been working on strategies and the second set of public meetings is scheduled for October 7, 2020. 8) The second round of public meetings were held on December 9, 2020. The draft CAP was made available for comment. Currently, comments are being reviewed. 9) The final CAP was released to the public on April 12, 2021. 10) An annual report and questionnaire was submitted to CDP for posting. 11) The first CAP internal working group meeting is scheduled for 2/4/22. Goals, priorities, and next steps will be discussed. Smaller group strategy meetings will be planned. 12) The first CAP Internal Working Group meeting was held on 2/4/22. Subsequently, each subcommittee met to review priority goals. A second CAP Internal Working Group meeting was held on 2/28/22 to review the subcommittee priorities. 13) The CAP Public Announcement was held on May 3, 2022. An Internal Working Group meeting was held May 26, 2022. Subcommittee meetings are being held regularly with information relayed at the Internal Working Group meetings. 14) Internal Subcommittee meetings are being held regularly to continue progress on priority goals. 15) Subcommittee meetings continue to be held. The CAP yearly wrap up meeting is being scheduled for January 2023. 16) Subcommittee meetings will continue throughout the year 2023. WSP continues to assist in our efforts. 17) Subcommittee meeting in coordination with WSP was held in May 2023 and discussed future CAP plans. 18) Subcommittee meetings were held to discuss progress. CAP Progress presentation to the public is scheduled for November 15, 2023. 19) CAP Presentation on 11/15/2023 was successful. Continue working
Project No.: MS-19-W01	
Contact Person: MDD/BGY	
Budget No.:	
Budget Amount: \$	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	
Project No.: MS-17-W02 2020-09	
Contact Person:	
Budget No.: 69999-66196	
Budget Amount: \$72,500.00	
Balance: \$66,500.00	
NTP Date: 06/15/17	
Req. Date of Completion:	
Engineering Consultant: Spillman Farmer	
Contractor: Trivet, AN Lynch, Shannon A. Smith	
Bid Tab No.:	
Contract No.: 17000841 (\$5,000 bal.)	

STATUS:

- 1) An RFP is currently being prepared for a consultant to assist the City reviewing /calculating municipal and citywide GHG emissions, setting GHG reduction targets, and developing a Climate Action Plan to meet our goals.
- 2) Proposals were received from 4 firms and are currently being reviewed.
- 3) Consultant selected and even though the fee is one of the lowest of the 4 proposals, it is higher than budgeted and a contract is anticipated in early 2020.
- 4) This project was awarded to WSP and work will commence in early 2020.
- 5) A kickoff meeting was held in March 2020. WSP is reviewing the City's GHG emissions calculations. A working group is being contacted for future meetings and participation/input into the development of the plan.
- 6) The first Working Group Meeting was held on May 1, 2020 and two (2) Public Meetings were held on June 17, 2020. Sub-groups are currently being formed to have detailed conversations about a variety of topics and goals within the Climate Action Plan.
- 7) Sub-groups have been working on strategies and the second set of public meetings is scheduled for October 7, 2020.
- 8) The second round of public meetings were held on December 9, 2020. The draft CAP was made available for comment. Currently, comments are being reviewed.
- 9) The final CAP was released to the public on April 12, 2021.
- 10) An annual report and questionnaire was submitted to CDP for posting.
- 11) The first CAP internal working group meeting is scheduled for 2/4/22. Goals, priorities, and next steps will be discussed. Smaller group strategy meetings will be planned.
- 12) The first CAP Internal Working Group meeting was held on 2/4/22. Subsequently, each subcommittee met to review priority goals. A second CAP Internal Working Group meeting was held on 2/28/22 to review the subcommittee priorities.
- 13) The CAP Public Announcement was held on May 3, 2022. An Internal Working Group meeting was held May 26, 2022. Subcommittee meetings are being held regularly with information relayed at the Internal Working Group meetings.
- 14) Internal Subcommittee meetings are being held regularly to continue progress on priority goals.
- 15) Subcommittee meetings continue to be held. The CAP yearly wrap up meeting is being scheduled for January 2023.
- 16) Subcommittee meetings will continue throughout the year 2023. WSP continues to assist in our efforts.
- 17) Subcommittee meeting in coordination with WSP was held in May 2023 and discussed future CAP plans.
- 18) Subcommittee meetings were held to discuss progress. CAP Progress presentation to the public is scheduled for November 15, 2023.
- 19) **CAP Presentation on 11/15/2023 was successful. Continue working**

	toward meeting CAP goals.
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Project Name: Golf Course	STATUS:
Project No.: 2023 09	1) The pavilion has been installed by Dutchmen Contracting and has been paid. More work to be done on the grease trap, restroom renovations and pavement improvement to be done in the coming months.
Contact Person: MDD/BGY/PBG	2) We received quotes for restroom renovations. We contacted SJ Thomas to get a quote on bunkers renovations.
Budget No.:	3) The deck for the restaurant cooler has been awarded to Dutchman. More investigation into the grease pump is being done and pump package is done. The irrigation system is complete and bunker renovation will start in October 2019.
Budget Amount: \$	4) The deck to house cooler for restaurant has been built. The front windows of the restaurant have been replaced and new railing installed.
Balance: \$	5) Specifications for the cart paths improvements/re-paving have been prepared and the cart paths project should be soon out to bid.
NTP Date:	6) The cart path rehabilitation/improvement construction began on 10/5/2020.
Req. Date of Completion:	7) The cart path work was completed in November 2020.
Engineering Consultant:	8) N/C
Contractor:	9) N/C
Bid Tab No.:	10) Currently seeking/RFPs Architect/Engineer to design and estimate cost for relocating the Pro Shop down to the vicinity of the cart barn.
	11) A meeting will be scheduled to review project needs with Public Works and the Golf Course specifically the replacement of the barn and relocation of the pro-shop.
	12) An on-site meeting was held in March 2022 to determine the project scope for the relocation of the Pro Shop into a small structure next to the cart barn.
	13) Cost estimates for the construction of a new Pro Shop and cart barn were received from two (2) companies, they are being evaluated.
	14) Cost estimates were over the available budget. The Bureau of Engineering will continue soliciting quotes for the construction.
	15) Additional estimates for a new Pro Shop and cart barn were received. Design work to begin in 2023 with construction planned for the third quarter of 2023.
	16) Contract documents to award a contract to Lobar Associates Construction to design and build a new Pro Shop and cart barn will be issued in the second quarter of 2023.
	17) Contract documents to design the new Pro Shop and cart pad are being finalized in anticipation of construction in the third and fourth quarters of 2023.
	18) Design is being finalized for new Pro Shop. Anticipate construction to start in November 2023.
	19) Delay in design. Anticipate construction to start end of January 2024.

Project Name: Pedestrian Bridge	STATUS:
Project No.:	1) This item is for project management for the Study Phase of the Pedestrian Bridge Feasibility Study currently being led by CD. The Feasibility Study will provide a comprehensive strategy for the City and the community to potentially realize a safe pedestrian and bicycle crossing over the Lehigh River in Bethlehem. Attended the kick off meeting on 3/19/21 via Zoom. WRT and Michael Baker International will deliver a study including full analysis of three alternative locations exploring all areas north and south of the Lehigh River between the Minsi Trail Bridge and the very western edge of Sand Island. Engineering will take over project when/if project advances to design/construction phase.
Contact Person: ANM	
Budget No.:	
Budget Amount: \$	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant: WRT and Michael Baker	
Contractor:	

Bid Tab No.:	2) Public outreach and preliminary engineering/evaluation are ongoing. 3) Continuing to evaluate locations for the possible Pedestrian Bridge. 4) N/C 5) Preliminary alternative evaluations were completed along with estimated costs for the Pedestrian Bridge ranging from \$35 to \$85 million. 6) N/C 7) N/C 8) N/C 9) Final report was submitted in July 2022. 10) N/C 11) N/C 12) N/C
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STREETS & SIDEWALKS

Project Name: Annual Deficient Curb/Sidewalk Contract (2023)	<u>STATUS:</u> 1) Evaluating list/database for bid in 2023. 2) N/C 3) List was sent out to contractors to solicit bids. 4) Project was awarded and completed.
Project No.:	
Contact Person: ANM	
Budget No.:	
Budget Amount: \$15,000.00	
Balance: \$15,000.00	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

Project Name: 2023-33 Trench Restoration Phase II	<u>STATUS:</u> 1) Met with the Water & Sewer Department. Budget for this project in 2023 is \$200,000. Final list is being prepared for preparation of bid package. 2) First bid (only one (1) received) was rejected. Project was rebid in June 2023. 3) Construction contract was awarded and completed end of September 2023. 4) N/C, project is complete.
Project No.:	
Contact Person: ANM	
Budget No.:	
Budget Amount: \$200,000.00	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

Project Name: 2023-11 ADA Curb Ramps	<u>STATUS:</u> 1) This project is in support of our paving projects, bid package prepared, and went out for bid on 2/3/2023. All bids were opened on 3/7/2023. Project construction is being awarded to LB Construction Enterprises. 2) Project is under construction. 3) N/C 4) Construction is still ongoing. 5) Project is complete.
Project No.:	
Contact Person: ANM	
Budget No.:	
Budget Amount: \$633,200.00	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

Project Name: 2023-12 Contracted Street Overlay	<u>STATUS:</u> 1) Some streets were selected to be paved by contract under the Overlay Program in addition to in-house paving. Bid package prepared and project went out for bid on 2/15/2023. All bids were opened on 3/24/2023. Project is being awarded to Construction Masters Services. 2) Construction to begin July 2023. 3) Construction is still ongoing. 4) Project is complete.
Project No.:	
Contact Person: ANM	
Budget No.:	
Budget Amount:	
Balance:	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

DRAINAGE IMPROVEMENTS

Project Name: W. Goepp St SS Imp. (Design)	<u>STATUS:</u> 1) Full Storm water system contributing to subject lines on Goepp St. has been identified on city base maps as well as through GIS system. Continuing to delineate drainage areas to system to be evaluated. 2) N/C 3) N/C 4) N/C 5) N/C 6) N/C 7) N/C 8) N/C 9) N/C 10) N/C 11) N/C 12) N/C 13) N/C 14) N/C 15) This project will now be pursued by our Stormwater Section under our new Stormwater Program. 16) Design in progress. 17) Design was completed, preparing all documents to put out for bidding. 18) N/C 19) N/C 20) Further study is being done within the area. 21) N/C 22) N/C 23) N/C 24) N/C 25) N/C 26) N/C
Project No.: SW-12-W02	
Contact Person: BGY/SIA	
Budget No.: 012A-43204	
Budget Amount: \$250,000.00	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

Project Name: Johnston Drive Swale	<u>STATUS:</u> 1) An alternatives evaluation was completed to improve drainage swale, an alternative was selected, and currently pursuing funding. A Growing Greener Grant was submitted for this project in the amount of \$1.5 million for construction. We applied for the 2005 Growing Greener Grant and were denied. Will continue to try to find funding for this project. Bureau of Streets addressing abutting homeowner's complaints about condition of swale and conducted major cleaning of swale. 2) N/C
Project No.: N/A	
Contact Person: BGY/SIA	
Budget No.: N/A	
Budget Amount: N/A	
Balance: N/A	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant: In-house	

Contractor:	3) N/C 4) N/C 5) N/C 6) N/C 7) N/C 8) N/C 9) N/C 10) N/C 11) N/C 12) N/C 13) N/C 14) N/C 15) N/C 16) N/C 17) Started coordination with Bethlehem Township on swale improvements. Letters were sent out to property owners informing them about future work. Meeting scheduled in February 2022 to discuss design plan. 18) A meeting was held on 3/17/2022 to discuss design plans and next steps for projects. 19) A meeting was held on 6/2/2022 to discuss the scope of work and schedule. Coordination with the Legal Department is taking place to create an Inner Municipal Agreement between the City of Bethlehem, Bethlehem Township, and the Slate Post Village owner. 20) N/C 21) Geotechnical testing for this project was completed in October 2022. Bethlehem Township applied for a grant to fund this project in December 2022. Meeting scheduled for January 2023 to discuss design plans. 22) Bethlehem Township and the City of Bethlehem are working on creating/executing a joint agreement for project collaboration and execution. 23) City of Bethlehem and Bethlehem Township have executed a joint agreement and are working on pursuing a grant for the project. 24) Grant was awarded for this project. Coordinating with Bethlehem Township to complete design and start construction in Fall of 2024. 25) N/C
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Project Name: Misc. Drainage Structures	<u>STATUS:</u> 1) This account is used to install new catch basins and short runs of storm pipes at various locations as needed. Pursuing repair of isolated catch basins throughout City. Bid package completed and bids received 12/19/2006. Contract signed 1/24/2007. 2007 project completed 5/21/2007 at a final cost of \$46,000. Final acceptance date 5/31/2007. 2) Another contract to be bid in 2010. 3) Waiting for Ringhoffer Road/Sherry Hill Road storm water repairs to be completed to see what funds remain for other needs. 4) Bids received for Storm Sewer Inlets Replacements October 07, 2010. Low bidder was Wexcon, Inc. at a cost of \$33,600.00. Waiting for bidder qualifications prior to awarding contract. 5) Pre-construction meeting was held on February 28, 2011. Work is currently underway. 6) Project (Ringhoffer) completed April 28 th , 2011 at a final cost of \$37,304.00. 7) A plan is being prepared to add an inlet on Shields Street to resolve an ongoing issue with flow from springs. 8) Shields Street inlet installed by Tom Barker at a cost of \$6,745. 9) Over (20) catch basins/hoods repaired or replaced to date this year 2013. 10) Replaced hoods of basins (two (2) in February and seven (7) in March) in 2014. 11) Replaced additional deficient catch basins and short runs of storm sewer pipes throughout City. 12) A storm culvert crossing Pine Top Drive has failed. Estimates are being
Project No.: SW-10-W02	
Contact Person: THR/SIA	
Budget No.: 62017-66047	
Budget Amount: \$122,766.00	
Balance: \$91,924.25	
NTP Date:	
Req. Date of Completion: 60 days	
Engineering Consultant: In-house	
Contractor:	
Contract No:	
Bid Tab No.:	

prepared for repairs.

- 13) The failed culvert on Pine Top Drive has been repaired by MJK Construction via a Purchase Order, and re-paved to grade.
- 14) Six (6) deficient catch basins have been repaired by A.A. Welding via a purchase order.
- 15) Open-end contract being prepared for bid for anticipated catch basin work.
- 16) Contract for repair and replacement of deficient catch basins has been uploaded to PennBid. Bids are due April 28th, 2016. Replaced six (6) basins since January 2016.
- 17) Four (4) bids were received for the catch basins repairs project and the contract has been awarded to Construction Masters Services at their bid price of \$49,750. Construction is expected to begin in August 2016. Made repairs to guiderail on Pine Top Trail from vehicular accident. Also made repairs to eleven (11) catch basins from 04/01/16 thru 06/20/16.
- 18) Construction on the repair and replacement contract is substantially complete. A punch list walkthrough has been scheduled.
- 19) Final acceptance of the project was delayed until the completion of the New Street Reconstruction Project, due to the location of a basin on New Street where punch list work was required. The item has been addressed and Final Acceptance can be issued.
- 20) Engineering is working to identify and prioritize catch basins that need repair or replacement and will put a project out to bid in Spring 2017.
- 21) A list of catch basins requiring repairs was generated, and a project was put out to bid in May. Four (4) bids were received on the project, and an award letter has been issued to the low bidder, A.A. Welding & Fabrication. Legal is currently preparing a contract and work is expected to begin in July. Eleven catch basins will be repaired or replaced under this contract. Repaired two (2) basins on W. Union Blvd (4th Ave/W. Union and Cambridge Ave/W. Union Blvd), which was a total rebuild on both.
- 22) Contractor began work on the 2017 Catch Basin Repair and Replacement Project in early September. Most of the basin repairs are complete and work on basins to be replaced is in progress.
- 23) A.A. Welding & Fabrication completed the remaining basin repairs and replacements in October 2017. Final acceptance has been issued and maintenance bond received. Project complete. Engineering is continuing to work with Street Bureau to identify basins in need of repair and will include the repairs under a future contract (2018) or purchase order depending on the need.
- 24) A priority list of catch basin repairs is being prepared. Repaired storm pipe at Market Street & Center Street.
- 25) 3 emergency repairs have been awarded to MJK. Two affecting Musikfest and one affecting Lehigh University. The repair involves changing broken hoods and structural repairs to catch basins.
- 26) Putting a list together of catch basins needing attention. Purchased manhole castings for Center St. paving project.
- 27) Cleaned out drainage swales at East Blvd. and cleaned culverts on Main St., Pine Top Trail, and Chenault Dr.
- 28) 2 emergency catch basins will be fixed the week of April 1st. One at Adams and Mechanic Sts. And one at Brodhead Ave. and Rink St. A bid will also be prepared to fix 10-15 basins throughout the city.
- 29) N/C
- 30) Repairs to basins have been made at the following locations; Webster and Mechanic Sts., 4th and New Sts., Rubel St., Lynnfield and Oberly Drs., 903 E. Market St., Summit and Wyandotte Sts., and Adams and Columbia Sts.
- 31) N/C
- 32) N/C
- 33) The City has 10 catch basins out to bid on Mountain Dr. and 6 alternates around the city. Bid due date is 4/14/2020.
- 34) N/C
- 35) The project will start this summer and will include 16 catch basins in various locations within the city.
- 36) Made repairs to 7 catch basins on both the north and south sides.

	<p>37) Repaired steel plated catch basin hood at Brodhead and Broadway. Repaired new walls in two (2) catch basins on Lynn Ave. and repaired a catch basin on Hickory St.</p> <p>38) Excavated and replaced manhole riser at Main and Raspberry Sts. Repaired curb face at City Line Rd. basin and repaired basin at Washington Ave. and Cayuga St. Removed and replaced two (2) storm sewer structures at the rear of 715 6th Ave. and the intersection of W. Garrison St. and Way St.</p> <p>39) Continuing to repair storm basins as needed. Currently working on hood repairs, curb faces, wall collapses, and grates at four (4) locations.</p> <p>40) Repairs were done at the following locations: 8th and Leibert Sts., Barnsdale Rd. west of Linden, E 3rd St., N. New St., and Way St.</p> <p>41) Repairs were done at the following locations: Hayes and 4th Sts., N. New St., and Barclay Dr. Inlet guard was installed on Industrial Dr. headwall.</p> <p>42) A list of catch basins requiring repairs has been generated and is in the process of being put out to bid.</p> <p>43) Quotes were received from contractors for each of the repairs needed. Repairs were awarded independently to the lowest responsible bidder. Work for repairs will be completed next quarter.</p> <p>44) Continue to clean and inspect catch basins and report all structural issues to Stormwater. Emergency repairs were awarded and repairs were completed at 601 & 602 Hayes St., 5th and Buchanan Sts., Lynfield Dr., Motel Dr., W. Broad St., and Pembroke Rd.</p> <p>45) Continue to clean and inspect catch basins and report all structural issues to Stormwater. Emergency projects were awarded and repairs were completed at 2nd Ave. and Prospect Ave., W. Morton St. and New St., 225 W. 2nd St., and 321 E. 3rd St.</p> <p>46) Continue to clean and inspect catch basins and report all structural issues to Stormwater. Quotes for 2023 Emergency Repairs are being solicited from contractors.</p> <p>47) Quotes for additional emergency repairs received and work will be completed in the next quarter. Emergency Repairs were awarded and repairs were completed at Bridle Path, Spillman and Lynn Ave., Cypress and Eden, Gilcrest, Filmore and Mechanic, and 6th & Buchanan. Continue to clean and inspect catch basins and report all structural issues to Stormwater.</p> <p>48) Emergency repairs were completed at 1128 Maple St., Union Blvd. and 12th Ave., 1401 Lorain St., Fillmore St., and Mechanic St.</p> <p>49) Emergency repairs were completed at Grandview Blvd., Pinehurst Rd., Ridgelawn Ave., and 3rd St.</p>
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Project Name: E. 5th Street SS Replacement	STATUS:
Project No.: SW-13-W02	1) Storm sewer rehabilitation on E 5 th Street, Buchanan Street to Atlantic Street in design phase.
Contact Person: JS/SIA	2) N/C
Budget No.: 012A-43299	3) N/C
Budget Amount: \$491,942.00	4) N/C
Balance: \$0/\$0	5) N/C
NTP Date:	6) N/C
Req. Date of Completion:	7) N/C
Engineering Consultant:	8) N/C
Contractor:	9) N/C

Contract No.: C1600057-closed	10) N/C 11) N/C 12) N/C 13) N/C 14) This project will now be pursued by our Stormwater Section under our new Stormwater Program. 15) N/C 16) N/C 17) N/C 18) N/C 19) N/C 20) N/C 21) Project was put on 2023 Stormwater budget. 22) Survey is being conducted to start the design of the project and to detail the scope of work. 23) Plans have been completed and sent out to contractors for quotes. Project will begin in the next quarter (Qtr 3). 24) Project is under construction. 25) Project is complete.
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Project Name: Stefko Blvd Swale Rehab	STATUS:
Project No.:	
Contact Person: SIA	
Budget No.: PA DEP Grant/69999-66089	
Budget Amount: \$203,000.00	
Balance: \$15,184.82	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant: T & M Associates	
Contractor:	
Bid Tab No.:	
Contract No.: C1300057	
	1) A Growing Greener Grant in the amount of \$203,000.00 was received from PA DEP. Funds will be used for design and permitting of improvements to the swale to reduce erosion and sediment transport to the Lehigh River. 2) Executed grant received 06/10/13. Design will begin once the consultant agreement is executed in July 2013. 3) Professional Services Agreement executed with T&M Associates, survey work is underway. 4) Survey work has been completed. The BMP evaluations are underway. Existing easements are being researched with the Law Bureau. 5) Calibration of hydraulic model is underway. The evaluation of green infrastructure has also begun. 6) The hydraulic model has been completed and HEC-RAS program run. Easements are being investigated. 7) The hydraulics and proposed alignment of the swale have been finalized. We are working with Norfolk Southern on an easement. 8) A green infrastructure evaluation has been completed and the HEC RAS Program run. We are working with Norfolk Southern on the easement. 9) Design and plan preparation are on-going. 10) Draft design plans have been submitted to the City and are under review. 11) Comments were submitted to T&M Associates. They are making revisions. 12) Final plans and details are being prepared and will be submitted to the City. 13) We are setting up a meeting with adjacent property owners. Also, we are still working on the Norfolk Southern easement. 14) We are having difficulties working with Norfolk Southern on the easement. We will continue to pursue with them. 15) Design is complete. We are continuing to work with Norfolk Southern on the easement. 16) Minor modifications are being made to reduce the impacts to Norfolk Southern property. 17) The plans are complete. 18) Funding sources are being pursued for this work. 19) N/C 20) T&M is looking at some revisions to the plan to include more BMPs. 21) N/C 22) The final design plan is anticipated in October 2019. 23) Final design is complete. Grant funding is being sought for this substantial project. 24) N/C 25) N/C 26) N/C

	27) The city received the final grant funding for this design project. 28) N/C 29) Currently working on cleaning a section of the swale where significant dumping occurred restricting flow. 30) N/C 31) N/C 32) N/C 33) N/C 34) N/C 35) N/C 36) Project was programmed for 2025 in the Stormwater budget. 37) N/C 38) N/C 39) N/C
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Project Name: Easton Ave – Stefko Blvd SS Evaluation/Design	STATUS:
Project No.: N/A	
Contact Person: SIA	1) Storm Water System areas being delineated on City Base Maps using the GIS System and field observations.
Budget No.: 012A-43299	2) N/C
Budget Amount: \$491,942.00	3) Began importing City Storm System information from GIS System into Storm CAD Storm Water Model.
Balance:	4) N/C
NTP Date:	5) Continuing to work with GIS Bureau to improve GIS data and Storm CAD model integration.
Req. Date of Completion:	6) N/C
Engineering Consultant: In-house	7) N/C
Contractor:	8) N/C
	9) N/C
	10) N/C
	11) N/C
	12) N/C
	13) N/C
	14) N/C
	15) N/C
	16) N/C
	17) N/C
	18) This project will now be pursued by the Stormwater Section under our new Stormwater Program.
	19) N/C
	20) N/C
	21) N/C
	22) N/C
	23) N/C
	24) N/C
	25) N/C
	26) N/C
	27) N/C
	28) N/C
	29) N/C

Project Name: Millside Drive SS Improvements	STATUS:
Project No.:	
Contact Person: SIA	1) This project is to replace an undersized storm sewer pipe and outfall at the intersection of Millside Dr. and Traveller Ave. This area frequently backs up during heavy rain. This project will now be pursued by our Stormwater Section under our new Stormwater Program.
Budget No.: 012A-43299	2) N/C
Budget Amount: \$491,942.00	3) N/C
Balance: \$	4) N/C
NTP Date:	5) N/C
Req. Date of Completion:	6) N/C
Engineering Consultant: In-house	7) N/C
Contractor:	

Bid Tab No.:	8) N/C 9) N/C 10) N/C 11) N/C 12) N/C
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Project Name: 1111 Johnston Detention Basin Improvements	<u>STATUS:</u>
Project No.: 2022 18	1) Request for Proposal was completed and sent out to consultants for a hydraulic and hydrologic study and conceptual design plans. The study/design was awarded to Herbert, Rowland & Grubic, Inc.
Contact Person: SIA/JS	2) Kick off meeting was held on site with consultants. Geotechnical Study and Test are complete.
Budget No.:	3) Meeting was held with consultant. Design to be completed in 4 th quarter of 2022.
Budget Amount: \$400,000.00	4) Final design was received from consultant for review/comments.
Balance: \$376,141.00	5) Design was completed and project was put out to bid in March 2023. Seven (7) bids were received. Project is being awarded to Western Lehigh Services.
NTP Date:	6) Notice to Proceed has been sent to contractors. Construction to be completed in the next quarter (Qtr 3).
Req. Date of Completion:	7) Construction is ongoing.
Engineering Consultant: HRG	8) Evaluated the sinkholes in the basin and modified the design to address the issues.
Contractor:	
Bid Tab No.:	

Project Name: Craig Ave. Swale Improvements	<u>STATUS:</u>
Project No.: 2023-31	1) Design was completed and project was put out to bid in May 2023. Four (4) bids were received. Project is being awarded to LB Construction Enterprise.
Contact Person: SIA	2) Construction started in August 2023, anticipate completion on October 2023.
Budget No.: 012A-43201	3) Project is complete.
Budget Amount: \$63,590	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor: LB Construction Enterprise	
Bid Tab No.:	

STREETSCAPE IMPROVEMENTS

Project Name: Downtown Beautification	<u>STATUS:</u>
Project No.:	1) This project is utilizing remaining funds for downtown improvements such as urn replacement, bench replacement, etc. on Main Street from Church Street to Broad Street by the Bureau of Streets. Replaced and rehabilitated benches along Main Street and repainted chains and bollards. All bollards have been painted. Sidewalks have been repaired as needed. New benches have been put in place. Weeds have been sprayed. Benches have been placed. Some grates have been repaired and still have more to do. Sidewalks are repaired as needed. Flower urns have been received and will be placed in the downtown area. Will continue to replace the grates. New flower urns have been set in place along with new benches. Sidewalks will be repaired as needed as new areas are identified for repairs and that will be addressed throughout the season.
Contact Person: THR	2) All urns and bollards have been painted black and chains have been repaired.
Budget No.: 0503-42060A	3) Urns and bollards will be repainted summer 2009.
Budget Amount: \$20,000.00	4) Southside bollards are repainted. Grates are being repaired.
Balance: \$61.37	5) With this account, the Bureau of Streets buys cast iron benches to be placed on Main Street as need, it is also used to purchase flower urns, bollards, sidewalk slates and tree trimming in the downtown area. We have used this account to purchase topsoil for our planters on Main and Broad Streets.
NTP Date:	6) Added flowers to the urns and currently considering additional improvements.
Req. Date of Completion:	7) Cleaning tree wells on north and south side of City. Painting bollards.
Engineering Consultant: In-house	
Contractor:	
Bid Tab No.:	

- Replaced (20) slates. Made repairs to stairwell on Main and Market Streets.
- 8) Painted bollards on north side/south side. All historic street signs replaced and poles painted. All street lights cleaned prior to Musikfest 2012.
 - 9) Replaced (30) broken slates on Main Street. Ongoing weeding of planters and tree wells.
 - 10) Working on tree grates and brick repair – Walnut/Main Streets. Planted flowers and picked up trash.
 - 11) Snow removal efforts precluded any work to date in 2014.
 - 12) Rebuilt three (3) park benches on south side of South New Street and West 4th Street. Replaced 12 broken slates on Main Street. Painted bollards on Broad Street.
 - 13) N/C
 - 14) Painted urns and bollards on Main Street. Also, planted flowers.
 - 15) N/C
 - 16) Replaced two (2) bollards on Broad Street. Also, did leaf pick up on Main Street every Friday during the Leaf Collection schedule.
 - 17) N/C
 - 18) Repaired chains on bollards on Main Street. Painted all bollards and some urns on Main & Broad Streets. Also made repairs to the sidewalk on the Main Street Ramp and Hill-to-Hill Bridge.
 - 19) Repaired the slate and grouted in front of 525 and 544 Main Street. Replaced (15) broken slates in front of the Sun Inn. Ordered three (3) urns for Main Street.
 - 20) Repaired bollards and chains at Main and Broad Streets.
 - 21) N/C
 - 22) Removed old tree well grates, and mulched all tree wells on Main Street and Broad Street. Had Grounds Maintenance line seven (7) tree wells with pavers for contained mulch. Fixed all bollards, chains, and painted flower urns. Repaired three (3) locations of sidewalk on Main Street.
 - 23) Installed two (2) concrete pads and seven (7) bike racks on the Southside. Bike racks installed at 4th Street & Broadway, 4th & New Streets, 4th Street & Pelham Park, 3rd & New Streets, 3rd & Buchanan Streets, Greenway & Taylor Street, and 4th & Vines Streets.
 - 24) Three bollards repaired on Broad Street between Main & Guetter Streets. Replaced 10 slates in sidewalk area and repaired three areas of granite curbing. Repairs made to five bollards on Main Street.
 - 25) Repaired slate at Broad Street and Main Street handicap ramp and had **major** Spring 2018 clean-up done.
 - 26) Repaired slate in the 500 block of Main St. Repaired handicap ramp at Broad and Main Sts. on the southeast corner.
 - 27) Installed 6 garbage cans, 4 new ones on Main St., and 2 on Guetter St.
 - 28) N/C
 - 29) N/C
 - 30) Painted bollards and urns and installed 8 benches on Eastside Main St.
 - 31) Installed 3 new flower urns.
 - 32) N/C
 - 33) N/C
 - 34) Made and set up 100 flower planters to create parklets for both the north and south sides for street dining for COVID-19 distancing in support of our North and South business districts.
 - 35) Placed 67 concrete planters for outdoor dining.
 - 36) Over 100 planters and parklets were setup and maintained. All setups were removed just prior to the mid-December major snow storm.
 - 37) Replaced soil in 115 planters and set them up in the north and south sides. Purchased and delivered the flowers for the planters to the landscaper.
 - 38) Trimmed trees on Main St. and repositioned or replaced planters hit by vehicles.
 - 39) N/C
 - 40) Removed planters at restaurants on both the north and southside so they could be stored for the winter 2021/2022.
 - 41) Continuing usual clean-up and maintenance. Will re-deploy planters the end of April 2022.

	<p>42) Deployed planters at various locations. Mulched all open tree wells. Continuing with clean-up and maintenance.</p> <p>43) N/C</p> <p>44) Removed and stored planters for the winter.</p> <p>45) Continuing with any needed clean-up and maintenance. Inspected and repaired planters and deployed them at various locations.</p> <p>46) Installed ten (10) bike racks on the northside at Main St., E. Broad St., W. Union Blvd., and Center St. Removed planters from north and southside. Replaced missing bricks at Main & Broad Sts.</p> <p>47) Removed and stored planters for the winter.</p>
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Project Name: Downtown N&S Bus Dist Tree Grates	STATUS:
Project No.:	
Contact Person: THR	
Budget No.: 0503-42060A	
Budget Amount: \$20,000.00	
Balance: \$61.37	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant: In-house	
Contractor:	
Bid Tab No.:	
	<p>1) This project is an effort to continue to provide, add, or improve city services in key areas where property owners are not sufficiently maintaining. Grates are being cleaned and repaired as resources are available. We have received the new tree grates and will be installed when weather permits. We are now in the process of repairing or replacing tree grates. Our projected completion date is August of each year.</p> <p>2) Cleaning grates will continue every year due to weed growth. Grates will be replaced as needed.</p> <p>3) Sidewalks are cleaned on a daily basis on both south and north side business districts. One employee is dedicated to maintaining our business districts throughout the year with added summer help in the summer months.</p> <p>4) Street crews have replaced seventy five broken slates on the Main Street sidewalks. All the flower urns and several bollards have been painted. New chains have replaced broken ones. Both Business Districts have had work done on tree grates. We have removed the grates that we could no longer cut to place back around the trees. Instead, we have added mulch to the areas to make it safe for pedestrians to walk on the sidewalks. Our Business District employee and a summer helper on both the south side and north side districts clean sidewalks every day. All flowers have been planted and are watered every day. We have had to replace several due to vandalism.</p> <p>5) Weeding tree grates.</p> <p>6) Replaced slates, cleaned tree grates and made repairs to bollards on Broad and Main Streets and Broad and Guetter Streets.</p> <p>7) Repaired park benches, replaced wood on benches on the Northside Business District (Main & Broad Streets).</p> <p>8) Just did leaf removal. Still working on bench repairs.</p> <p>9) Efforts focused on snow removal in first quarter of 2014.</p> <p>10) Southside benches were restored. Leaf removal was performed on both the south and north sides. Replaced and added trash cans.</p> <p>11) N/C</p> <p>12) Cleaned out the tree wells and replaced the grates on 4th Street and Broad Street.</p> <p>13) N/C</p> <p>14) Relocated two (2) ashtray units. Mounted (13) new garbage cans for Lehigh University on 3rd and 4th Streets. Made repairs to two (2) benches on 4th Street. Removed six (6) cans on South Side.</p> <p>15) Replaced bollards along Broad Street.</p> <p>16) Repaired slate at 544 Main Street and filled in gaps.</p> <p>17) N/C</p> <p>18) Performed general clean-up.</p> <p>19) N/C</p> <p>20) N/C</p> <p>21) Mulched all tree wells on Main St.</p> <p>22) Purchased 10 new park benches.</p> <p>23) N/C</p> <p>24) N/C</p> <p>25) N/C</p> <p>26) N/C</p> <p>27) N/C</p>

	28) N/C 29) N/C 30) N/C 31) N/C 32) N/C 33) N/C 34) N/C 35) N/C 36) N/C 37) N/C 38) N/C 39) N/C 40) N/C 41) N/C
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Project Name: S. New Street Streetscape	<u>STATUS:</u> 1) Proposals received in February. Contracting with WRT for \$248,186.00 for design of substantial streetscape and crossing improvements. 2) Contract was sent by Legal to WRT. In process of signatures. Will schedule kick-off meeting for August 2018. 3) NTP was issued on 8/20/18. Currently in conceptual design phase with a community meeting scheduled for 10/17/18. 4) Community meeting was held 10/17/18. Concept plans have been submitted and we are waiting on comments from Lehigh University. Design to continue through 2019.
Project No.: MS-17-W08	
Contact Person: TJW/PBG	
Budget No.: 69999-66080	
Budget Amount: \$1,664,140.00	
Balance: \$1,664,140.00	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	

Bid Tab No.:	<ol style="list-style-type: none"> 5) Conceptual design completed. Held 2nd community meeting on March 26, 2019. Will finalize next steps and move into preliminary engineering in May. 6) Met internally and with Lehigh in June to discuss moving project forward and what will/will not be included with project. Meeting with group and designer in August. 7) In preliminary/final design. Final design anticipated to be completed in January/February 2020 with bidding soon after. Construction scheduled for summer/fall 2020. 8) Minor delay due to funding discussions. Moving forward with additional lighting design and manufacturing of shelter. Construction still anticipated late summer/fall 2020. 9) WRT continues on design and preparation of bid specs for bus shelter. Extension of contract for time and lighting designs executed in March 2020. Construction anticipated fall/winter 2020/2021. 10) City met virtually with WRT to review 60% construction documents. Still on track to bid in 2020 with construction at the end of 2020 into 2021. 11) WRT is continuing to develop final plans and bid specs. Anticipated bid date in November 2020. 12) Bids anticipated to go live on PennBid on April 12th. Delay due to ADA design changes and bid set up. 13) Bids received in mid-June; however, no electrical bids were received. Electrical portion is out for re-bid with bids due July 21, 2021. 14) No electrical bids were submitted in 2nd round and we were unable to secure a quote. Project will be re-bid in November 2021. 15) Bids will be opened on 1/7/2022, with construction expected to begin in spring 2022. 16) Bids were opened on 1/7/2022. Semmel Excavating and Telco were low bidders. NOA currently being signed with NTP anticipated at the end of May. Base bid and ALT1 were awarded. 17) Base bid and Alt 1 were awarded. Alt 2 (lighting) was approved by Council. Will issue change order in July 2022. Telco to begin July 6, 2022. Semmel will begin at the end of July 2022. 18) Work continuing on conduit installation and pavers. Targeted completion of sidewalks and Greenway crossing is anticipated to be end of November with plantings to follow in Spring 2023. 19) All sidewalks have been completed aside from the Greenway area and north side of 3rd St. The Greenway crossing, trees, landscaping, and catenary lights will be installed in spring of 2023. 20) Work to resume in spring 2023. 21) The crosswalk and Greenway realignment have been completed. Project is anticipated to be substantially complete in July/August of 2023. 22) Completing punch list items. Anticipate completion on October 2023. 23) Project is complete.
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TRAFFIC SIGNALS

Project Name: Traffic Signal Upgrades at Union & Club and Linden & Goepp	<u>STATUS:</u>
Project No.: 2022 11	1) City received two (2) proposals and awarded design to Traffic Planning and Design. Council approved contract on 3/15/2022. NTP to occur in April 2022.
Contact Person: TJW, GMC	2) NTP was issued, TPD has begun initial surveys and design work.
Budget No.: 69000-66002	3) TPD still working on permit plan, expected completion 12/31/2022.
Budget Amount: \$30,400.00	4) TPD submitted the plans to Penn DOT in December 2022. Comments expected in January/February 2023. Final plans expected in spring 2023 with bidding to follow.
Balance: \$	5) Comments were received from Penn DOT. TPD revised the plans and resubmitted for approval. Electrical equipment was purchased. Soliciting quotes and awarding of the project will be done in the 2 nd quarter of 2023.
NTP Date:	
Req. Date of Completion: 12/3/2022	
Engineering Consultant: Traffic Planning and Design	
Contractor:	

Bid Tab No.:	6) Traffic signal poles for both intersections scheduled to be delivered in July (2023). 7) Working with Allentown on the Internal Local Agreement for the intersection before construction can begin. 8) N/C
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Project Name: Linden Street Conversion	STATUS: 1) City received three (3) proposals and awarded preliminary design for the possible conversion of Linden Street from Fairview to Church from one-way to two-way traffic to Pennoni Associates, LLC. Council approved contract on 4/5/2022. NTP to occur in April 2022. 2) Contracting in process. 3) Survey and traffic counts have been completed. Pennoni is reviewing accident history and preparing base plans. Expected completion of preliminary design/report is end of November 2022. 4) Accident history was delayed and so Pennoni is finishing up their review and plan. Final plan report expected in January 2023. 5) The city is in the process of reviewing the draft report and coordinating with LVTS for final design and construction funding. 6) The city continues coordinating with LVTS to fund the project. 7) N/C 8) N/C
Project No.: 2022 12	
Contact Person: TJW	
Budget No.: 69000-66002	
Budget Amount: \$24,163.60	
Balance: \$	
NTP Date:	
Req. Date of Completion: 7/29/2022	
Engineering Consultant: Pennoni Associates, LLC.	
Contractor:	
Bid Tab No.:	

BRIDGE WORK

Project Name: Bridge Maintenance	STATUS: 1) This account is for the maintenance of bridges under the City's responsibility. Available funding will be used for repairs as needed. 2) Repairs to deck and safety rails on 8 th Avenue Bridge and sidewalk. Repairs to deck and sidewalk area on Main Street Bridge. Removed trees on or around Fire Lane Bridge over Saucon Creek. 3) We are investigating possible repairs to the Fire Lane Bridge bearings and installing a protective mesh under the Lynn Avenue Bridge. Stone has been placed along head walls on Fire Lane Bridges. Debris has been removed from under Fire Lane Bridges. Pillars have been removed from sidewalk for Lynn Avenue Bridge. 4) Pursuant to inspections, the following work is underway: a. Fence off portion of area under Lynn Avenue Bridge b. Wrap mesh under Lynn Avenue Bridge to catch debris c. Install blocking at bearings under Fire Lane Bridge. d. Investigating deck joint repair needed on Main Street Ramp. 5) A purchase order is being prepared for repair of Main Street Ramp deck joint by J.D. Eckman, Inc. 6) Main Street ramp deck joint seal replaced. 7) We are pursuing repair work at several bridges. Work includes tree removal, deck patching, concrete repair and guide rail repair. 8) Replaced guardrail on Paint Mill Bridge. Repaired fence on 8 th Avenue Bridge. 9) Made repairs to 8 th Avenue bridges. Installed fence for safety. Work completed in December 2013. 10) N/C 11) Replaced three (3) rail brackets on the Hill-to-Hill Bridge. Ordered steel plates for Lynn Avenue Bridge. Deck patching on 8 th Avenue will begin in July. 12) One (1) travel lane of the 8 th Avenue Bridge Deck was patched. The remainder of the work was bid and we are awaiting the contract. 13) A contract was awarded to Grace Industries for the remaining deck repair at 8 th Avenue. Work will commence as soon as the weather allows. 14) N/C 15) Repaired fence under Lynn Avenue Bridge. The 8 th Avenue Bridge deck repair has been completed.
Project No:	
Contact Person: ANM/THR	
Budget No.: 62013-66067/62015-66067/62017-66067	
Budget Amount: \$48,300.00/\$140,000.00/\$140,000.00	
Balance: \$0/\$35,304.03/\$132,668.60	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	
Contract No.:	

	<p>16) N/C</p> <p>17) We will pursue significant repairs to the Fire Lane Bridge in 2016.</p> <p>18) An RFP for design and specifications for improvements to the Fire Lane Bridge was issued in June 2016.</p> <p>19) Beginning design of the Fire Lane Bridge Improvements.</p> <p>20) Painted the handrail on the Main Street Ramp.</p> <p>21) Carroll Engineering is preparing plans and specifications for repairs to the Fire Lane Bridge including resetting the bearings.</p> <p>22) N/C</p> <p>23) Bidding for repair of the Fire Lane Bridge is expected to take place in the next several weeks.</p> <p>24) The Fire Lane Bridge Rehabilitation is currently out to bid.</p> <p>25) Bids were received for the Fire Lane Bridge Rehabilitation. JPS was the low bidder and will begin work in November 2017.</p> <p>26) The Fire Lane Bridge rehabilitation began in November and should be completed by mid-January. A professional services agreement is being prepared with D'Huy Engineering to prepare details and specifications for potential repairs to the Main Street ramp, Main Street over the Monocacy Creek, and an adjacent building crack at the Brighton Street ramp.</p> <p>27) D'Huy Engineering is preparing specifications and details for repairs to various bridges.</p> <p>28) Patched holes on Main St. Bridge. Specifications for additional repairs to various bridges are complete and being reviewed.</p> <p>29) Work was completed at the Brighton Street ramp to cut back concrete from building brick face to address cracking concern.</p> <p>30) 2019 work will include patching of 8th Ave. Bridge over NS and improvements to Main St. over the Monocacy Creek.</p> <p>31) Plans are being finalized for work on the Main St. over the Monocacy Creek Bridge. This will be bid soon.</p> <p>32) N/C</p> <p>33) Bidding will take place this winter with construction in the spring.</p> <p>34) N/C</p> <p>35) N/C</p> <p>36) Evaluating repairs and preparing bid package.</p> <p>37) N/C</p> <p>38) Evaluating repairs on 8th Ave. Bridge.</p> <p>39) N/C</p> <p>40) Flushed/cleaned storm drains on Hill to Hill Bridge on both north and south bound lanes. Waiting on all final bids for 8th Ave. Bridge deck repair.</p> <p>41) 8th Ave. Bridge deck repair is complete. A field meeting was held with contractors to evaluate repairs on S. Main St.</p> <p>42) Received one (1) quote to repair S. Main St. Bridge and are continuing to solicit bids.</p> <p>43) Continuing to solicit bids for repairs to the S. Main Street Bridge.</p> <p>44) Multiple estimates were received and they are being evaluated.</p> <p>45) South Main St. bridge rehab project has been awarded. Construction will start this fall (2022).</p> <p>46) Contract was executed and construction is to start in spring 2023.</p> <p>47) Steel was ordered and construction will start in April 2023.</p> <p>48) South Main St. Bridge Rehabilitation Project was completed in June 2023.</p> <p>49) N/C</p> <p>50) N/C</p>
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OTHER PROJECTS

Project Name: Rose Garden Improvements	STATUS: <ol style="list-style-type: none">1) Along with the \$100,000.00 in the City's budget, a grant request for \$100,000.00 in additional funds has been submitted to PA DCNR. The grant is expected to be awarded late in 2019. A contract for the work will be prepared to begin work in spring of 2020.2) N/C3) The city will be looking into bidding and construction in early 2020.4) The PA DCNR grant has been awarded. The scope of work has been completed and bids will go out in summer 2020.5) Brown Design is preparing specifications and details for bidding.6) Plans and specifications are complete. Bidding will take place in July 2020.7) Bids came in over budget. Changes were made to quantities and some items eliminated and moved to phase II to reduce the cost. The low bid contractor is reviewing the changes currently. A reduced scope contract will be awarded.8) The contract was awarded to Land-Tech. Construction work began in mid-December 2020.9) Paving in nearly complete and concrete work is complete. The project should be completed by May 2021.10) Only remaining item is installation of two (2) lights. The order was delayed. As soon as received they will be installed.11) N/C12) The two (2) remaining lights have been on back order for some time. The contractor is following up with the supplier for scheduling.13) A meeting took place at the end of March 2022 to discuss future park improvements.14) N/C15) N/C16) Phase I is complete and grant closeout is currently being completed.17) N/C18) N/C19) Additional improvements will be completed in 2024 per concept plan.20) N/C
Project No.:	
Contact Person: MDD	
Budget No.:	
Budget Amount: \$100,000.00	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant: Christian Brown	
Contractor: Land-Tech	
Bid Tab No.:	

Project Name: EPA Phase 2 Storm Water Permit (NPDES) Annual	STATUS: <ol style="list-style-type: none">1) City is pursuing this permit along with its requirements using in-house staff and help with selected tasks by outside consultants. Submitted Notice of Intent and prepared storm water pollution plan. Contracted with Carroll Engineering to test outfalls for NPDES permit (DEP). 113 outfalls along Monocacy Creek and 38 outfalls along Saucon Creek were tested. Tests showed "findings of no significance" except outfall S43 (Lehigh University Fields) that had high fecal coliform levels. Will try to inspect and test remaining 54 outfalls this year using in-house personnel. Received proposal from Carroll Engineering 5/5/2006 to inspect and GPS storm sewer catch basin structures. Contract being executed by Law Bureau. Inventorying, inspecting, and locating approximately 500 catch basins completed. Also completed additional storm sewer work in GIS format. City's Stormwater Ordinance was amended to agree with LVIP's Act 167 Ordinance for watersheds within the City. Information is currently being gathered to prepare the Annual NPDES MS4 report which is due by 6/9/2007. Permit mailed 5/30/2007. Permit extension requested. Permit year 5 complete as of 3/9/2008.2) Annual report submitted to PADEP 5/13/2008.3) A request was submitted to PADEP on 9/2/2008 to extend the existing NPDES MS4 permit until 3/9/2010.4) We are currently preparing 2008 Annual Report which is due to PA DEP 06/09/2009. A "listening session" is scheduled at NE Regional Office on 04/24/2009 to discuss changes to MS4 permit.5) 2008 Annual Report mailed to DEP on 05/29/2009.6) Inlet markers and adhesive received for in-house use.7) The 2009 Annual Report was submitted to PADEP on 06/03/2010.
Project No.:	
Contact Person: SIA	
Budget No.: 0502-42047	
Budget Amount: \$10,000.00	
Balance: \$7,500.00	
NTP Date: N/A	
Req. Date of Completion:	
Engineering Consultant: In-house	
Contractor: N/A	
Bid Tab No.: N/A	

	<p>8) A permit extension was sent to PA DEP to extend coverage until June 2012.</p> <p>9) The 2010 Annual Report was submitted to PA DEP on 05/25/11.</p> <p>10) The 2011 Annual Report was submitted to PA DEP on 06/04/12. Inspection of all public and private detention ponds have been completed. Letters will be sent to those where maintenance is needed.</p> <p>11) Application for NPDES MS-4 Permit sent 09/11/12 to DEP.</p> <p>12) The annual report is currently being prepared. The due date is June 9th, 2013.</p> <p>13) The annual report was submitted to PA DEP 05/23/13.</p> <p>14) M. Dorner attended additional NPDES MS-4 Training by PA DEP on 02/12/15.</p> <p>15) N/C</p> <p>16) Staff is attending Lehigh County MS-4 roundtable meetings hosted by Lehigh County Conservation District.</p> <p>17) Staff attended PA DEP seminar on MS-4 permitting.</p> <p>18) We submitted our progress report to PA DEP at the end of December 2016.</p> <p>19) N/C</p> <p>20) Preparing MS-4 permit renewal application, report, and Pollutant Reduction Plan (PRP) as required by DEP.</p> <p>21) N/C</p> <p>22) N/C</p> <p>23) N/C</p> <p>24) A consultant is being selected to prepare the PRP.</p> <p>25) N/C</p> <p>26) N/C</p> <p>27) PRP was prepared and is currently being reviewed by the city.</p> <p>28) N/C</p> <p>29) N/C</p> <p>30) The PRP and MS-4 permit renewal were submitted to PA DEP on September 18, 2020.</p> <p>31) N/C</p> <p>32) N/C</p> <p>33) N/C</p> <p>34) DEP conducted an inspection on MCMs and BMPs of the city.</p> <p>35) N/C</p> <p>36) Preparing MS-4 report and updates to be submitted in September 2022.</p> <p>37) N/C</p> <p>38) NPDES permit was renewed/approved until September 30, 2027.</p> <p>39) Reviewing documents for annual report.</p> <p>40) Reviewing documents and completing reports for annual status report due in September.</p> <p>41) Report was completed and submitted in September 2023.</p> <p>42) N/C</p>
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Project Name: Pollutant Reduction Plan	<u>STATUS:</u>
Project No.: SW-19-W01	1) An RFP was distributed and T&M Associates was selected. A PSA is being prepared for this project. The Pollutant Reduction Plan is required by the City's MS-4 permit.
Contact Person: BGY/SIA	2) T&M Associates is preparing the PRP. A draft will be submitted in October 2019.
Budget No.:	3) The draft plan was submitted to the city for review and comment. A meeting is scheduled for the second week of January 2020 to discuss.
Budget Amount: \$	4) The plan is being finalized. It will soon be advertised for public comment prior to submission to PA DEP.
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant: T&M Associates	
Contractor:	

Bid Tab No.:	<p>5) The PRP is complete and a 30 day Public Notice has begun prior to submission to PA DEP.</p> <p>6) The PRP was submitted to PA DEP on September 18, 2020.</p> <p>7) N/C</p> <p>8) Revisions were made to the PRP per PA DEP comments and the PRP was resubmitted in February 2021.</p> <p>9) N/C</p> <p>10) N/C</p> <p>11) PRP was revised and submitted to DEP to address their November 2021 comments.</p> <p>12) PRP was received, revised and submitted back to DEP to address their January 2022 comments. Revised PRP was put out for public comment.</p> <p>13) PRP was approved by DEP and is now on the PA Bulletin for comments.</p> <p>14) PRP approved and NPDES permit renewed until September 30, 2027.</p> <p>15) N/C</p> <p>16) N/C</p> <p>17) Working on updating PRP to incorporate new sediment reduction projects.</p> <p>18) N/C</p> <p>19) N/C</p>
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Project Name: Weed Control/Flood Control	STATUS:
Project No.:	
Contact Person: OHT	
Budget No.: 050301-42047	
Budget Amount: \$4,850.00	
Balance: \$0	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor: Tru-Green	
Bid Tab No.:	<p>1) The Flood Control Station and Star Site are evaluated yearly for maintenance needs. Weed control at the station and tree trimming/weed control at the Star Site were not required in 2009, but anticipated in 2010.</p> <p>2) Areas to be assessed mid July for any work required.</p> <p>3) The area was evaluated in mid-July and plans were initiated to determine the work could be done with in-house personnel and equipment at an approximate savings of 50% of an outside contractor. The Department of Parks and Public Property has a licensed applicator and the Bureau of Streets was to supply the spray equipment. However, problems with the spray equipment delayed the application until the next appropriate foliar spray season in 2011.</p> <p>4) Due to complications with equipment, delays, and licensing problems, this work will not be performed in-house for 2011. J.C. Ehrlich was contacted July 20, 2011 and we are presently coordinating an inspection and evaluation of each site.</p> <p>5) Herbicide applications were made at both the Star Site and the Flood Control Site in August of 2011. J.C. Ehrlich performed the work at a cost of \$5,575.00. Project is complete for 2011.</p> <p>6) The Flood Control Station and Star Site are evaluated yearly for maintenance needs. Weed control at the station and tree trimming/weed control at the Star Site were performed in 2011. Controlled areas will be evaluated in July 2012 for any additional treatment.</p> <p>7) No control measures are indicated for 2012 but are anticipated for 2013.</p> <p>8) The areas are scheduled for inspection in mid to late July 2013.</p> <p>9) Herbicide applications were made at both the Star Site and the Flood Control Site in August of 2013. Tru-Green performed the work at a cost of \$4,850. Project is complete for 2013.</p> <p>10) 2014 inspection to be conducted June-July of 2014 to determine if maintenance is required and if so, the extent.</p> <p>11) A quote from Tru-Green for \$4,850.00 was received and approved 08/20/14. Work was inspected and approved 09/19/14. Project is complete for 2014.</p> <p>12) The areas will again be inspected in mid-summer of 2015 to see if the control measures will be necessary.</p> <p>13) N/C</p> <p>14) Sites checked on 07/27/15 to determine work required. Work quote received from Tru-Green for \$4,850 and approved on 08/13/15. The treatment was inspected on 9/9/15 and invoices approved for payment the same day. Project is complete for 2015.</p> <p>15) N/C</p>
Contract No.: 17000296	

	<p>16) 2016 inspection to be conducted June-July 2016.</p> <p>17) Quote requested from Tru Green and received 07/22/16 for \$4,850. Requisition was submitted the same day.</p> <p>18) The weed control treatment at the Flood Control Site was inspected on 09/28/16 and approved for payment. Project is complete for 2016.</p> <p>19) N/C</p> <p>20) 2017 inspection to be conducted in June-July 2017.</p> <p>21) Work quote received from Tru-Green on 02/02/17 for \$4,850.00. Deputy Director of Public Works requested the work to be done prior to the inspection by the Army Corps of Engineers. Both sites completed at a cost of \$4,850.00. Credit of \$350.00 applied brought the cost to \$4,500.00. Work inspected and approved as of 06/13/17. Project is complete for 2017.</p> <p>22) N/C</p> <p>23) 2018 inspection to be conducted in May-June 2018.</p> <p>24) Inspection delayed until mid-July due to time constraints and spring weather conditions.</p> <p>25) Work completed for 2018.</p> <p>26) N/C</p> <p>27) N/C</p> <p>28) N/C</p> <p>29) The weed and flood control project is complete for 2019.</p> <p>30) Areas to be assessed in summer of 2020 for any work required.</p> <p>31) Work quote received from Tru-Green for \$4,850 and approved on 1/8/2020. Work to be performed spring/summer of 2020.</p> <p>32) Work completed by Tru-Green.</p> <p>33) Inspection was completed in July by Army Corps of Engineers. All weed control work was found satisfactory.</p> <p>34) Work quote received from Tru-Green for \$4,850. Work to be performed in summer of 2021.</p> <p>35) Tru-Green completed weed control work in July 2021, inspection of work date TBD.</p> <p>36) Inspection was completed in August by Army Corps of Engineers. All weed control work was found satisfactory.</p> <p>37) Work quote received from Tru-Green for \$4,850. Work to be performed in summer of 2022.</p> <p>38) Work to be performed in summer of 2022.</p> <p>39) Tru Green completed weed control work in June 2022 and date for inspection of work is TBD.</p> <p>40) Inspection was completed by Army Corps of Engineers. All weed control was found satisfactory.</p> <p>41) N/C</p> <p>42) Tru Green completed weed control work in June 2023 and inspection for the levy was done in May 2023.</p> <p>43) N/C</p> <p>44) N/C</p>
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Project Name: Penn DOT HOPs	<p><u>STATUS:</u></p> <p>1) Several new permits have been requested, and extended. Several permits have been acknowledged as being completed. Larry Mika has several scheduled for permanent restoration during 2011.</p> <p>2) Penn DOT has a new E-permitting process that we will be using.</p> <p>3) This is ongoing. Using new E-permitting for most of new permits.</p> <p>4) E-permitting being used for all new permits.</p> <p>5) HOPs for the curb ramps at 8th Avenue and Union Boulevard and Storm Water Project on Linden Street at Biery's Bridge Road have been submitted.</p> <p>6) The HOP for curb ramps at 8th Avenue and Union Boulevard has been approved. The HOP for storm and water project at Center Street and Biery's Bridge Road is still being reviewed by Penn DOT.</p> <p>7) Emergency water service and water main repair HOPs are ongoing. Storm and Water HOPs for Center Street at Biery's Bridge Road have been</p>
Project No.:	
Contact Person: AJH	
Budget No.:	
Budget Amount:	
Balance:	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

approved.

- 8) Emergency water repair HOPs ongoing. Water main relocation on Main Street in Freemansburg has been approved.
- 9) Freemansburg water main relocation is underway. In-house permanent trench restorations along Oakhurst Drive in Upper Saucon Township is underway.
- 10) Storm and Water HOP for Center Street at Biery's Bridge Road have been received. Now City is using Penn DOT's new emergency certificate number system for reporting emergency repairs.
- 11) Storm and water HOP for Center Street at Biery's Bridge Road has been extended to 04/02/2015.
- 12) Emergency water repair HOP's ongoing. HOP to repair road damaged by water main break at 3207 Center Street has been approved.
- 13) Schoenersville Road curb and sidewalk HOP has been applied for.
- 14) Schoenersville Road HOP has not been approved yet. HOPs for 4167 Greenpond Road and 1608 Easton Ave have been applied for.
- 15) Emergency water repair HOP's ongoing. Schoenersville Road and Route 512 work in East Allen Township have been approved.
- 16) Emergency water repairs on Linden Street, Easton Avenue and West Union Boulevard have all received permits from Penn DOT.
- 17) Emergency water repairs ongoing. City contract on RTE 512 in East Allen Township is complete. Final restoration of water repair at 3207 Center Street is complete. Linden Street storm sewer construction is completed.
- 18) Extended permit for work on Schoenersville Road Meadows Townhomes Pump Station By-Pass is completed. Permits received for work on W. Union Blvd and on Camp Meeting Road in Upper Saucon.
- 19) Permits received for work on Easton Avenue, RTE 378/Wyandotte Street and Broadway.
- 20) Permits received for work done at 2232 Center Street and 971 Wyandotte Street (RTE 378). Time extensions received for five (5) permits.
- 21) New HOP for Saucon Valley Road in Upper Saucon and at 3216 Easton Avenue. Pending HOP for 945 Broadway Fountain Hill. Four (4) time extensions approved for locations that still require permanent restoration.
- 22) New HOP's for work done at 945 Broadway in Fountain Hill, 321 Wyandotte Street, and 1617 Linden Street have been received. Pending HOP approvals for work done on RTE 378 & Brighton Street and Willow Park Road at Middletown Road in Bethlehem Township.
- 23) Received new HOP for RTE 378 at Brighton Street. Pending HOP approval for work done on Willow Park Road. Working on submittals for work done at 2223/2224 Center Street and 2563 Oakhurst Road in Upper Saucon. HOP applications have now been divided between work on Water Authority utilities (water) and Public Works utilities (sewer).
- 24) Received HOP for work on Willow Park Road and 2563 Oakhurst Road. Applied for and received HOP for 3125 Center Street. Applied for six (6) time extensions, have only received two (2) to date.
- 25) Applied for two (2) HOPs for work done in the 1300 block of Center Street. Working on applications for one (1) additional job in the 1300 block of Center Street and two (2) jobs on Broadway in Salisbury Township.
- 26) Submitted and received HOPs for 1635 Broadway and 601 Dorthy Avenue (Salisbury Township), cut on Broadway (Salisbury Township), and 1326 Center Street. Sent close-out requests for four (4) locations and have received three (3) closeouts for work done on Camp Meeting Road in Upper Saucon Township.
- 27) Nine (9) new HOPs have been sent to PA DOT in the first quarter of 2018. Currently two (2) of these have been approved. Close-out for Rt. 378 at Brighton Street received on 3/13/18. All unrestored City HOP excavations on Center Street have been brought up to grade with BCBC in advance of scheduled repaving by PA DOT.
- 28) Three new HOPs received for work the City did on state roads this quarter. Nine new HOPs received time extensions to allow for permanent restoration. Five HOPs closed by Penn DOT this quarter.
- 29) 8 HOP close-outs received this quarter. 10 close-out requests still pending.

HOP received for 3801 Linden St.

- 30) 14 HOP close-outs received this quarter. 3 new emergency cuts. Received permits for 3801 Linden St., 3534 Linden St., and 1606 W. Union Blvd.
- 31) N/C
- 32) N/C
- 33) N/C
- 34) Two (2) new HOPs submitted to PA DOT. Six (6) HOPS backlogged to be submitted.
- 35) One (1) permit extended. All permits from Q4 2019 have been approved. Seven (7) permits received this quarter, five (5) of these have been approved. Two (2) still need to be submitted.
- 36) No new emergency HOPs received. Two (2) Oakhurst Dr. permits from last quarter were submitted and approved.
- 37) One (1) new HOP received on 9/25/2020 for E. Emaus Ave. Not yet processed.
- 38) E. Emaus Ave. permit issued. Ten (10) new emergency permits applied for with nine (9) being approved. Eight (8) closeouts and two (2) time extensions requested.
- 39) Permits granted for the following and received from Penn DOT
 - 132 Main St.
 - 3902 Wyandotte St.
 - 3509 Rt. 378Permits granted time extensions are as follows
 - 2809 Saucon Valley Rd.
 - 3233 Oakhurst Dr.
- 40) Permits for 8th Ave. at Eaton Ave. and 1543 Emaus Ave. were closed. Permits for 603 W. Union Blvd. and 1814 Easton Ave. were submitted but not yet approved.
- 41) Permits for 603 W. Union Blvd. and 1814 Eaton Ave. granted. Time extension requested for 2350 Linden St. and 1943 Willow Park Rd.. Three (3) new HOPs received, the other two (2) are waiting on additional information from the Water Department.
- 42) Time extension granted for
 - 1943 Willow Park Rd.
 - 2350 Linden St.Time extension requested for
 - Rt. 378 and Saucon Valley Rd.
 - 2564, 3086, 3472, 3545, and 2069 Oakhurst Dr.
 - Saucon Valley Rd. (west of Rt. 378)Permit granted for
 - Rt. 378 at Old Bethlehem Pike
 - 501 W. Union Blvd.
 - 3896 Wyandotte St.Applied and waiting for permits
 - Saucon Valley Rd. (west of Rt. 378)
 - 1108-1110, 1116, and 1210 Broadway
 - 710-712 3rd Ave.
 - 3320 Easton Ave.
- 43) Permit granted for 600, 900, and 1300 block of Broadway. Applied for permit at 1570 Easton Ave. Extensions requested for Oakhurst Dr., 1100-1300 block of Broadway, and 1514 Union Blvd.
- 44) Closeout requested for:
 - 1218 Broadway
 - 1210 Broadway
 - 1308 BroadwayExtension granted for:
 - 932 Broadway
 - 922 BroadwayApplication submitted for:
 - 1570 Easton Ave.
- 45) Permits issued:
 - 1146 Broadway

	<ul style="list-style-type: none"> -1034 Broadway -Hickory St. and Easton Ave. -1014 W. Union Blvd. -535/537 Broadway -3758 Oakhurst Dr. <p>Applied for and awaiting approval:</p> <ul style="list-style-type: none"> -713 Broadway -419/421 W. Union Blvd. -812/814 Broadway <p>Closeout requested:</p> <ul style="list-style-type: none"> -932 Broadway -3527 Oakhurst Dr. <p>Extensions granted:</p> <ul style="list-style-type: none"> -1514 W. Union Blvd. -1116 Broadway -1108/1110 Broadway -603 W. Union Blvd. -1814 Easton Ave. -132 Main St. (Hellertown) <p>46) Closeout requested for three (3) HOPs. Extension granted for three (3) locations. New permits issued for five (5) locations.</p> <p>47) Application submitted for intersection of Broadway and Seminole. Closeout requested for fourteen (14) locations. Extensions granted for six (6) locations.</p> <p>48) Applications submitted and approved for four (4) HOPs:</p> <ul style="list-style-type: none"> -539 Broadway -6th Ave. and Union Blvd. -Center and Raspberry Sts. -1984 Easton Ave. <p>Closeouts requested on eight (8) other HOPs.</p> <p>49) Closeouts requested:</p> <ul style="list-style-type: none"> -1014 W. Union Blvd. -132 Main St. -535-537 Broadway <p>Extensions requested:</p> <ul style="list-style-type: none"> -603 W. Union Blvd. -1814 Easton Ave. -Intersection of Hickory St. and Easton Ave. <p>Pending Submission:</p> <ul style="list-style-type: none"> -3090 Oakland Rd. -6th Ave. and Union Blvd.
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**City of Bethlehem, Department of Public Works
Water Engineering Projects 2023**

Project Name: Lead Service Line Replacement	STATUS:
Project No.: WT 21 W01	1) The city secured a Pennvest grant of \$2,875,000, 250 addresses have been identified for potential replacement, and project was bid and awarded to MF Ronca & Sons with an anticipated start date of May 4, 2022.
Contact Person: RRT	2) To date ten (10) lead services lines have been replaced with new copper service.
Budget No.: 007A-77011	3) To date eighty-nine (89) lead service lines have been replaced.
Budget Amount: \$2,875,000.00	4) To date (end of 2022) 187 lead service lines have been replaced.
Balance: \$	5) N/C
NTP Date:	6) 235 service lines have been replaced.
Req. Date of Completion:	7) 320 service lines have been replaced.
Engineering Consultant:	8) 371 service lines have been replaced.
Contractor: MF Ronca	
Bid Tab No.:	

Project Name: Broadway Sanitary Sewer Replacement	STATUS:
Project No.: 2021-03	1) Rettew has submitted final drawings for review and approval. Plans have been approved and now waiting for bid documents.
Contact Person: RRT	2) The project was open for bidding on Penn Bid on May 24, 2022 with a bid opening date of June 27, 2022. Bids are being evaluated.
Budget No.: 008A-88007	3) All bids have been rejected. Project to be re-bid in the first quarter of 2023.
Budget Amount: \$1,500,000.00	4) N/C
Balance: \$	5) N/C
NTP Date:	6) Four (4) bids were received and Barrasso Excavating Inc. was low bidder.
Req. Date of Completion:	7) Work scheduled to begin October 30, 2023.
Engineering Consultant: Rettew	8) Project started in October 2023. As of December 2023 326' of 30" sanitary sewer has been installed on Northampton St.
Contractor:	
Bid Tab No.:	

Project Name: Water Main Installations and Replacement	STATUS:
Project No.:	1) Plans and specs have been done and are ready for bidding at the end of April 2022. The 5 locations are:
Contact Person: RRT	- E. Market St.
Budget No.: 007A-77005	- Highland Ave.
Budget Amount: \$1,754,809.00	- Southside Reservoir (Fountain Hill)
Balance: \$	- Snowdrift Road (East Allen Township)
NTP Date:	- Hanover Township, Lehigh County
Req. Date of Completion:	2) The project was open for bidding on April 25, 2022 with a bid opening date of May 18, 2022. Project was awarded to R III Construction on 6/28/2022. NTP to be sent in July 2022.
Engineering Consultant:	3) Project is underway, approximately 4,000 LF have been installed.
Contractor:	4) N/C
Bid Tab No.:	5) Project is complete.
	6) N/C
	7) N/C
	8) N/C

Project Name: Distribution System Extensions	STATUS:
Project No.:	1) Work performed on an as needed basis. This account covers water main extensions as necessary where not covered by developers or individuals. No specific project(s) identified by water maintenance personnel to date. Not enough funds at present time.
Contact Person: RRT	2) N/C
Budget No.: 007A-77002	3) City crew installed 400' of 6" D.I.P on Kenmore Avenue.
Budget Amount: \$50,000.00	4) N/C
Balance:	5) N/C
NTP Date:	6) N/C
Req. Date of Completion:	7) Project is complete.
Engineering Consultant: In-house	
Contractor:	

Bid Tab No.:	8) N/C 9) N/C 10) N/C 11) N/C 12) N/C 13) N/C 14) N/C 15) N/C 16) N/C 17) N/C 18) N/C 19) N/C 20) N/C 21) N/C 22) N/C 23) N/C 24) N/C 25) N/C 26) N/C 27) N/C 28) N/C
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Project Name: Service Lines	<u>STATUS:</u> 1) This work is performed on an as needed basis. This account covers service lines installed from the main to the curb line and generally ¾" in size, but can be as large as 4". Also individuals tapping sleeves and valves for fire lines and other supplies. 2) N/C 3) N/C 4) N/C 5) N/C 6) N/C 7) N/C 8) N/C 9) N/C 10) N/C 11) N/C 12) N/C 13) N/C 14) N/C 15) N/C 16) N/C 17) N/C 18) N/C 19) N/C 20) N/C 21) N/C 22) N/C 23) N/C 24) N/C 25) N/C 26) N/C
New/Renewal	
Project No.:	
Contact Person: RRT	
Budget No.: 007A-77003	
Budget Amount: \$200,000.00	
Balance:	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

Project Name: Replace/Rehab. Distribution System	<u>STATUS:</u>
Project No.: WT-04-W06	1) Work performed on as needed basis as initially identified by water maintenance personnel. 12" water main suspended on Freemansburg Bridge across Lehigh River was identified as a project. In 2004 City personnel observed a joint leaking on the bridge. Contract entered into 3/23/2005 with consultant to provide design services for repairs. Report completed 6/16/2005. Bills processed for payment August 2005. Report recommendations being considered.
Contact Person: RRT	2) A portion of the Kim Street project was funded from this account.
Budget No.: 007A-77005/2006-42055	3) Plans being prepared – (2) projects – Birchwood Farms area.
Budget Amount:	4) RFP being drafted and sent to (5) engineering firms for the 12" water main replacement and evaluation under the Freemansburg Bridge.
Balance:	5) N/C
NTP Date:	6) N/C
Req. Date of Completion:	7) N/C
Engineering Consultant: In-house	8) N/C
Contractor:	9) N/C
Bid Tab No.:	10) N/C
	11) N/C
	12) N/C
	13) N/C
	14) N/C
	15) N/C
	16) N/C
	17) N/C
	18) N/C
	19) N/C
	20) N/C
	21) N/C
	22) N/C
	23) N/C
	24) N/C
	25) N/C
	26) N/C
	27) N/C
	28) N/C
	29) N/C

Project Name: Fire Hydrant-New/Renewal	<u>STATUS:</u>
Project No.:	1) Annual contract for new fire hydrants. City supplies all new fire hydrants in its service area, as well as replacing damaged ones. Need 60 per year.
Contact Person: RRT	2) N/C
Budget No.: 007A-77006	3) N/C
Budget Amount: \$186,720.00	4) N/C
Balance:	5) N/C
NTP Date:	6) N/C
Req. Date of Completion:	7) N/C
Engineering Consultant:	8) N/C
Contractor: LB Water	9) N/C
Bid Tab No.:	10) N/C
Project No.: 2020-11	11) N/C
Contact Person: ABR	12) N/C
Budget No.: 007A-77023	13) N/C
Budget Amount: \$1.00	14) N/C
Balance: \$1.00	15) N/C
NTP Date: 7/16/2020	16) N/C
Req. Date of Completion: 2/11/2021	17) N/C
Engineering Consultant: Maser Consulting	18) N/C
	19) N/C

	20) N/C 21) N/C 22) N/C 23) N/C 24) N/C 25) N/C 26) N/C
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Project Name: RT 512 Water Extension	<u>STATUS:</u>
Project No.:	1) This project has been put on hold.
Contact Person: RRT	2) Started preliminary design.
Budget No.: 007A-77028	3) Preparing drawings for four (4) 16" D.I.P. crossings on Route 512 which will be submitted to Penn DOT for their approval.
Budget Amount: \$172,400.00	4) This project is now on PennBid with a bid opening date of May 12 th , 2015.
Balance: \$73,662.75	5) Proposals were opened on May 12, 2015, and after reviewing, proposals Pennoni Consulting Engineers was chosen to engineer the project.
NTP Date:	6) Joao & Bradley installed 4-16" crossing on August 17, 2015, in preparation for the 9200'-16" extension. Also waiting for Pennoni and our Legal Bureau to finalize the contracts.
Req. Date of Completion:	7) Began design and permitting process.
Engineering Consultant: Pennoni	8) N/C
Contractor:	9) Design and permitting continue.
Bid Tab No.:	10) Water main extension designed and sent to Penn DOT, DEP, and Norfolk Southern for review. Received approval from Norfolk Southern. Location of proposed pump house site has been determined. The site will come from an easement on property owned by Thermo Fisher Scientific.
Contract No.: C1500073	11) Language for temporary and permanent easements are being drawn up by James Broughal to present to individual land owners. Met with Penn DOT regarding easements. Pennoni will make necessary correction to HOP drawings. The City received GP-5 Permit from DEP on December 20, 2016.
	12) Approaching the land owner to acquire easements.
	13) Waiting for land owner's response.
	14) Met with three (3) property owners to go over easement locations.
	15) We are awaiting the results of the appraisals for the properties where the railroad and stream crossings are planned.
	16) The Bethlehem Authority is in the process of obtaining ROW from 2 property owners in order to move forward with stream and rail crossings.
	17) N/C
	18) N/C
	19) N/C
	20) N/C
	21) N/C
	22) N/C
	23) N/C
	24) Project has been put on hold.
	25) N/C
	26) N/C
	27) N/C
	28) N/C
	29) N/C
	30) N/C
	31) N/C
	32) N/C
	33) N/C
	34) N/C
	35) N/C
	36) N/C
	37) N/C
	38) N/C
	39) N/C

Project Name: Weil St. PS Installation	STATUS:
Project No.:	1) Weil Street booster pump station is designed to increase domestic pressures in the Weil Street area (42 homes) of Salisbury Township. The project has been designed and will be entered into the PennBid system by the end of April.
Contact Person: RRT	2) Two (2) bids came in on July 2, 2014. Bids are being reviewed.
Budget No.: 007A-77005	3) EFI was awarded the job, and the pre-packaged pump station is being currently constructed.
Budget Amount:	4) Anticipated installation date should be spring of 2015.
Balance:	5) N/C
NTP Date: Design	6) Pump package was installed and online June 10, 2015.
Req. Date of Completion:	7) SCADA needs to be installed to finalize this project.
Engineering Consultant:	8) N/C
Contractor:	9) No plans for SCADA at this time.
Bid Tab No.:	10) N/C
	11) N/C
	12) N/C
	13) N/C
	14) N/C
	15) N/C
	16) N/C
	17) N/C
	18) N/C
	19) N/C
	20) N/C
	21) N/C
	22) N/C
	23) N/C
	24) N/C
	25) N/C
	26) N/C
	27) N/C
	28) N/C
	29) N/C
	30) N/C
	31) N/C
	32) N/C
	33) N/C

Project Name: Shady Lane Manganese Treatment	STATUS:
Project No.: 2022 35	1) The project was bid and two (2) bids were received on 5/20/2022. The lowest and responsible bid was from Suburban Water Technology, Inc. at their bid of \$54,500. A recommendation was made to Council to award to Suburban and it was approved. A Notice of Award was issued on 7/29/2022.
Contact Person: AJH	2) All work completed except for the Manganese meter which has been ordered. Awaiting DEP Operating Permit pending meter install.
Budget No.: 007A-77062	3) DEP Certificate of Construction was signed on 9/30/2022. All work was completed and Certificate of Completion was issued on 12/5/2022.
Budget Amount: \$54,500.00	4) Was notified on 3/15/23 that a new backwash tank was cracked. Suburban Water is working with their subcontractor to make the necessary repairs.
Balance: \$	5) N/C
NTP Date:	6) N/C
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

**City of Bethlehem, Department of Public Works
WWTP / Sewer Engineering Projects 2023**

Project Name: Sewer Laterals-New/Renew	<u>STATUS:</u>
Project No.:	1) To construct and repair sewer laterals as required throughout the collection system. This account used throughout the year as necessary to install/replace sewer laterals. No specific project (s) identified by sewer maintenance to date.
Contact Person: BGY	2) N/C
Budget No.: 008A-88001	3) N/C
Budget Amount: \$5,000.00	4) N/C
Balance: \$4,648.00	5) N/C
NTP Date:	6) N/C
Req. Date of Completion:	7) N/C
Engineering Consultant: In-house	8) N/C
Contractor:	9) N/C
Bid Tab No.:	10) N/C
	11) N/C
	12) N/C
	13) N/C
	14) N/C
	15) N/C
	16) N/C
	17) N/C
	18) N/C
	19) N/C
	20) N/C
	21) N/C
	22) N/C
	23) N/C
	24) N/C

Project Name: Collection System R/R	<u>STATUS:</u>
Project No.:	1) This account is used to finance repair work of deficient sections of the collection system as identified by sewer maintenance personnel. No specific project(s) identified by sewer maintenance to date.
Contact Person: BGY	2) We are reviewing the CIP recommendations from the Act 537 Plan to determine candidates for replacement.
Budget No.: 008A-88002	3) Rettew is preparing a design proposal for Collection System Improvements per Act 537 Plan.
Budget Amount: \$74,315.00	4) N/C
Balance: \$45,706.87	5) N/C
NTP Date:	
Req. Date of Completion:	
Engineering Consultant: In-house	
Contractor:	

Bid Tab No.:	6) N/C 7) N/C 8) N/C 9) N/C 10) Re-alignment of a section of sanitary sewer through Freemansburg is being investigated. 11) N/C 12) N/C 13) N/C 14) N/C 15) N/C 16) N/C 17) N/C 18) N/C 19) N/C 20) N/C 21) N/C 22) N/C 23) N/C 24) N/C 25) N/C
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Project Name: I/I Abatement	<u>STATUS:</u> 1) This account covers the costs of efforts necessary to investigate and eliminate inflow and infiltration into the sanitary sewer system as identified or suspected by the sewer maintenance personnel. Work is underway to prepare I/I abatement plan and systematically pursue corrections. 2) Bi-weekly meetings are held with Engineering and WSR to discuss I/I program. Work is currently ongoing to identify and remove inflow sources such as downspouts and cross-connections. Visual inspections, smoke testing, dye testing, and TV inspections are utilized to identify these connections. Work is progressing first in highest priority sub-basin.
Project No.:	
Contact Person: BGY	
Budget No.:	
Budget Amount: \$	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant: In-house	
Contractor:	

Bid Tab No.:	<p>3) Completed work in the 1st sewer basin and currently issuing report.</p> <p>4) Work continues in drainage sub-basins based on priority. Visual, dye, and smoke testing performed as needed. To date 4.85 million gallons of inflow has been identified and 3.99 million gallons has been removed from the system.</p> <p>5) We are compiling a list of manholes in low lying areas and along water bodies so we can inspect for I/I.</p> <p>6) A contract is being prepared with Hach to install, maintain, and deliver data from four (4) flow meters.</p> <p>7) Meters have been ordered and they will be installed in July.</p> <p>8) Meters have been installed at five (5) locations. Data is available real time on-line.</p> <p>9) We will be reviewing a proposal from Hach to continue metering at five (5) locations.</p> <p>10) The Hach Flow Monitoring contract is being renewed for an additional three (3) years.</p> <p>11) N/C</p> <p>12) In addition to Hach Flow Monitoring the City is using its own flow meters to locate I/I in our sanitary sewer lines.</p> <p>13) I/I abatement efforts continue, otherwise no change.</p> <p>14) N/C</p> <p>15) N/C</p> <p>16) N/C</p> <p>17) N/C</p> <p>18) N/C</p> <p>19) N/C</p> <p>20) N/C</p> <p>21) I/I meetings will resume soon.</p> <p>22) N/C</p> <p>23) N/C</p> <p>24) N/C</p> <p>25) N/C</p> <p>26) N/C</p> <p>27) N/C</p> <p>28) N/C</p> <p>29) N/C</p> <p>30) N/C</p> <p>31) N/C</p> <p>32) N/C</p> <p>33) N/C</p> <p>34) N/C</p> <p>35) N/C</p> <p>36) N/C</p>
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Project Name: Act 537 Collection System Improvements	<p>STATUS:</p> <p>1) Survey completed for sanitary sewer replacement at 5th and Pierce. The design is underway. Survey for Broadway will begin in May.</p> <p>2) The survey work for Broadway has been completed and design is underway. Plans for Pierce Street have been completed and are being reviewed by the City. Bidding is anticipated in July.</p> <p>3) Bids have been opened for Pierce Street, and we are awaiting authorization from Water & Sewer Resources Department to award.</p> <p>4) Pierce Street bid award will be delayed until 2014 due to funding. Broadway sewer design is underway.</p> <p>5) Due to budget constraints, The Pierce Street Project will not be awarded at this time (2014).</p> <p>6) A meeting is being scheduled with Penn DOT to discuss HOP requirements</p>
Project No.:	
Contact Person: BGY	
Budget No.: 008A-88007	
Budget Amount: \$1,000,000.00	
Balance: \$741,054.00	
NTP Date: 03/05/13	
Req. Date of Completion:	
Engineering Consultant: AECOM	
Contractor:	
Bid Tab No.:	
Contract No.:	

	<p>for the portion of work on Broadway.</p> <p>7) The design for the Broadway Sanitary Sewer is complete. The Pierce Street Sewer Replacement will be bid in early 2015.</p> <p>8) N/C</p> <p>9) Additional sanitary sewer improvements are being investigated for possible construction in 2017.</p> <p>10) N/C</p> <p>11) N/C</p> <p>12) N/C</p> <p>13) N/C</p> <p>14) A RFP was distributed for a consultant to review our Act 537 Plan and provide recommendations to update the plan to main compliance and meet future load goals.</p> <p>15) A Professional Services Agreement is being prepared with AECOM for the Act 537 Sewage Facilities Planning Review.</p> <p>16) A kickoff meeting was held with AECOM and they are currently working on the plan update. Also, they are reviewing our Infoworks Sanitary Sewer Model.</p> <p>17) AECOM is preparing the Act 537 Upgrade Report.</p> <p>18) AECOM has submitted the Act 537 Upgrade Report. It is currently being reviewed.</p> <p>19) The Act 537 Upgrade Report is complete and is under review by PA DEP.</p> <p>20) N/C</p> <p>21) N/C</p> <p>22) N/C</p> <p>23) N/C</p> <p>24) N/C</p> <p>25) N/C</p> <p>26) N/C</p> <p>27) N/C</p> <p>28) N/C</p> <p>29) N/C</p> <p>30) N/C</p> <p>31) N/C</p> <p>32) N/C</p>
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Project Name: Aeration Tank Mixer	<u>STATUS:</u>
Project No.: N/A	<p>1) In 2011 the City completed upgrades to the Aeration Basins and ten (10) new mixers were installed as part of this project. Soon after completion it was noticed that the mixer gear boxes were experiencing premature wear. All ten (10) mixers have had their gear boxes rebuilt at least once, some twice. Philadelphia Mixer contracted with Larson Engineering to evaluate the issues and prepare a report. The report from February 2014 evaluated the vibrations of the gear boxes and made recommendations. The next step is to have an engineered solution to reduce vibration from the platforms to reduce wear on the mixer gear boxes. This will then allow plant staff to properly utilize the DO Control which in turn will reduce electrical consumption.</p> <p>2) We are awaiting execution of a contract with Larson Engineering to design</p>
Contact Person: AJH	
Budget No.: 008A-88153	
Budget Amount: \$1.00	
Balance: \$1.00	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	
Contract No.:	

	<p>modifications to the mixer platforms.</p> <p>3) N/C</p> <p>4) N/C</p> <p>5) N/C</p> <p>6) N/C</p> <p>7) N/C</p> <p>8) N/C</p> <p>9) N/C</p> <p>10) N/C</p> <p>11) N/C project on hold.</p> <p>12) N/C</p> <p>13) N/C</p> <p>14) N/C</p> <p>15) N/C</p> <p>16) N/C</p> <p>17) N/C</p> <p>18) N/C</p> <p>19) N/C</p> <p>20) AECOM submitted preliminary tech memo in January.</p> <p>21) N/C</p> <p>22) N/C</p> <p>23) N/C</p> <p>24) N/C</p> <p>25) N/C</p> <p>26) N/C</p> <p>27) N/C</p>
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Project Name: WWTP Electrical Feeder & Equipment Testing	<p>STATUS:</p> <p>1) D'Huy put together an Electrical Testing Plan for the WWTP. Plans and specs were generated and submitted on October 2020. Plans and specs were finalized in December and everything was uploaded to PennBID for advertisement 1/6/2021 and 1/8/2021. A mandatory pre-bid meeting is scheduled for 1/20/2021 and bids are due to 10 am 2/5/2021.</p> <p>2) Bids received and award has been made to Philips Brothers at their bid of \$440,800. NOA and contract documents have been sent to Philips Brothers for execution.</p> <p>3) NTP issued 4/22/2021. Submittals and testing plan reviewed. Testing is anticipated for week of 8/16/2021. A pre-shutdown meeting will be scheduled with plant staff to review roles and responsibilities during testing.</p> <p>4) Testing was completed, awaiting final report.</p> <p>5) Testing report submitted in November 2021. List of priorities was created. D'Huy is working on developing master plan.</p> <p>6) Awaiting submission of master plan.</p> <p>7) N/C</p> <p>8) N/C</p> <p>9) Draft master plan was submitted on 10/12/2022 and review meeting was held on 11/6/2022. Awaiting final report.</p> <p>10) Final plan received in January 2023 and proposal submitted by D'Huy for the recommended repairs. Council approved 3/7/23, awaiting Legal to prepare contract.</p> <p>11) N/C</p> <p>12) N/C</p> <p>13) N/C</p>
Project No.: 2021-01	
Contact Person: AJH	
Budget No.: 008A-88012	
Budget Amount: \$440,800	
Balance: \$	
NTP Date: 4/22/2021	
Req. Date of Completion: 9/19/2021	
Engineering Consultant: D'Huy	
Contractor: D'Huy, Philips Brothers Electrical Contractors, Inc.	
Bid Tab No.:	
Bid Tab No.:	

Project Name: WWTP W. Influent Pump Room	STATUS:
Project No.: 2021-29	<ol style="list-style-type: none"> Five proposals were received and a contract was awarded to Burton Lawson for \$147,400 with NTP issued 7/2/202. 60% design submission was made September 2020. COB reviewed and provided comments. During time between 60% and 100% submissions, the city drained the W. wet well and had Burton Lawson inspect and provide a proposal to add this rehab work to the scope. An amendment was issued to Burton Lawson for \$12,200. 100% plans were submitted May 2021, comments were made by the city and final plans submitted in July. We are waiting for prints of the plans and specs and will bid later this month (July 2021). Project was advertised on 8/16/2021 and 8/18/2021. The project is broken into 3 contracts, GC, EC, and HVAC. Bids were received on 10/6/2021. Six (6) GC bids and four (4) EC bids were received but no HVAC bids were received. The city and our consultant, Borton Lawson, are currently reviewing the GC and EC bids and will make a recommendation for award. The HVAC contract will be re-bid. HVAC was rebid and bids received on 11/8/2021. Contracts were awarded to: <ul style="list-style-type: none"> GC – Eastern Environmental Contractors, Inc. (\$1,341,300) EC – BSI (\$515,000) HVAC – Master Mechancial Corp. (\$85,100) Pre-con meeting held 12/9/2021. Awaiting issuance of NTP due to errors with city issued bond form and awaiting corrected bond from the EC contractor. Contractors are submitting shop drawings for review. Notice to Proceed was issued to all three (3) contractors on 2/9/2022. Submittals are being reviewed. HVAC contractor has installed most of the ventilation system and only needs to complete the final air intake but cannot until pumps are complete. Due to delays in DIP and fittings, construction will not be able to begin until mid-November at the earliest. Eastern Environmental is storing materials at their facility until work on site can begin. Delays continue on material procurement and anticipated start is now expected in early 2023. Work is scheduled to start on 1/3/2023 with demolition beginning on 1/10/2023. Time extension change orders are being processed due to all the procurement delays. Demo is complete and wet well has been cleaned and inspected. Coatings to begin. Electrical contractor has installed MCC and some conduits. Startup anticipated for July 2023. Construction was completed. Testing is scheduled end of July 2023. Pumps now running. Concerns have been raised regarding vibrations. Awaiting comment from pump manufacturer and Eastern Environmental on solutions before proceeding with other work. Contract must be extended before proceeding. Flex connections installed on pump discharge to reduce vibration. Work to proceed on remaining items when it is decided if the vibrations have been adequately addressed.
Contact Person: AJH	
Budget No.: 008A-88123	
Budget Amount: \$159,600	
Balance: \$	
NTP Date: 7/2/2020	
Req. Date of Completion:	
Engineering Consultant: Burton Lawson	
Contractor: TBD	
GC: Eastern Environmental	
EC: BSI	
HVAC: Master Mechanical	
Bid Tab No.:	

Project Name: WWTP Process Improvements	STATUS:
Project No.:	<ol style="list-style-type: none"> This project involves 3 tasks. <ol style="list-style-type: none"> Influent Sampling Improvements Eval. CEPT Final Design Aeration Upgrades and MLE Preliminary Design A kick-off for task 2 was held 6/15/2021. An update schedule is to be submitted. Currently awaiting CEPT 30% design submission. Working with AECOM to obtain some existing underground utility information prior to AECOM completing their submission package. AECOM submitted 60% of concept design. City issued comments on 1/14/2022. Awaiting submittal of Aeration/MLE draft design and technical
Contact Person: AJH	
Budget No.: 008A-88020, 008A-88024, 008A-88153	
Budget Amount: \$9,982, \$161,575, \$65,923	
Balance: \$	
NTP Date: 5/17/2021	
Req. Date of Completion:	
Engineering Consultant: AECOM Technical Services, Inc.	

Contractor:	memo.
Bid Tab No.:	4) Aeration/MLE memo submitted January 2022. PRBC Application for CEPT submitted. Working on DEP permitting. Awaiting final design documents for CEPT. 5) Final CEPT bid documents were submitted on June 27, 2022. City is doing final review and will put it out to bid. 6) CEPT was bid and bids received 10/5/2022. See new project 2022 45 for CEPT bid/construction. 7) An amendment to AECOM's contract for the CEPT Construction Administration is under review by Legal. 8) CEPT CA amendment executed in January 2023. Draft Act 537 submitted to city on February 7, 2023 and a review meeting was held with AECOM. 9) Act 537 in progress and nearing completion. 10) N/C 11) N/C

Project Name: Applebutter Rd. Pump Station Design	<u>STATUS:</u>
Project No.: 2022 16	1) Two (2) proposals were received to evaluate the Applebutter Rd. pump station to identify potential modifications to increase capacity, limit I&I, and provide flow monitoring. A recommendation to award to Borton Lawson at their proposal of \$20,000 was sent to City Council and is scheduled for the 1/18/2022 meeting.
Contact Person: AJH	2) Contract awarded to Burton Lawson and NTP issued 2/15/2022. Kickoff meeting held 3/2/2022. Working on gathering information and sampling flows from landfill.
Budget No.: 008A-88027	3) A call was held with Burton Lawson to go over the preliminary findings. Additional information was requested and the city is currently compiling.
Budget Amount: \$20,000	4) A final report was issued August 2022 and it was recommended that a discharge meter be installed. Borton Lawson provided a proposal. Will award in 2023 via amendment.
Balance: \$	5) Project on hold pending a grant application by Water & Sewer Resources.
NTP Date:	6) N/C
Req. Date of Completion:	7) N/C
Engineering Consultant: Borton Lawson	8) N/C
Contractor:	9) N/C
Bid Tab No.:	

Project Name: East Intermediate Clarifier Design	<u>STATUS:</u>
Project No.: 2022 01	1) A proposal was obtained from D'Huy Engineering to design upgrades to the East Intermediate Clarifier similar to that done on the West Intermediate. No other proposals were obtained due to D'Huy's familiarity with the project. Contract is on City Council's agenda for the 1/18/2022 meeting.
Contact Person: AJH	2) Contract executed with D'Huy Engineering and NTP issued 2/7/2022. Bid documents received and bid to be advertised 4/12/2022 and 4/14/2022 with bid opening 5/5/2022.
Budget No.: 008A-88148	3) Eight (8) bids were received on 5/5/2022 and LB Industries was the lowest responsible bidder with their bid of \$1,475,059. Council approved the funds transfer and awarding the project. A Notice of Award was issued on 6/27/2022.
Budget Amount: \$79,900	4) Contract executed and NTP issued on 7/19/2022. Submittals are being reviewed. Clarifier mechanism to be delivered March 2023 and work will commence on site at that time.
Balance: \$	5) Stainless steel components will ship in March and fiberglass components may be delivered in January 2023.
NTP Date: 7/19/2022	6) Still awaiting delivery of all equipment. Drive unit is longest lead time with anticipated ship date in mid-April.
Req. Date of Completion:	7) Ongoing construction, anticipate completion in July 2023.
Engineering Consultant: D'Huy Engineering	8) Majority of construction complete. Awaiting CO for Intermediate Pumphouse meter install.
Contractor: LB Industries	9) Substantial completion issued 10/30/23. Remaining punch list item regarding scum wiper to be completed in January.
Bid Tab No.:	

Project Name: WWTP Main Control Building Renovations Final Design	<u>STATUS:</u> 1) RFP was sent on 3/31/2022. Proposals were received from four (4) firms. After evaluation it was decided to award a contract to D'Huy Engineering, Inc. at their design cost of \$148,000. Bidding and construction services will be awarded in 2023 via amendment. A PSA for design was executed on 6/30/2022 and a NTP was issued on 7/1/2022 with final completion date of 3/1/2023. A kick off meeting will be scheduled for mid-July 2022. 2) A design lock-in was issued on 8/24/2022. D'Huy continues to advance design to next level. 3) A 50% submittal was received on 10/31/2022 and a meeting was held on 12/9/2022 to select finishes. We are working with the architect and our Purchasing Department on the equipment that the city will be purchasing. 4) Final design submitted on 2/22/2023. Project was bid under Project #2023-08. Amendment for construction administration under legal review. 5) N/C 6) N/C 7) N/C
Project No.: 2022-27	
Contact Person: AJH	
Budget No.: 008A-88127	
Budget Amount: \$	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

Project Name: Minsi Trail Siphon South Access	<u>STATUS:</u> 1) The project was put out to bid and three (3) bids were received on 6/21/2022. Grace Industries had the lowest and responsible bid at \$77,400. The contract approval is on the 7/5/2022 Council Agenda. 2) Notice of Award issued on 7/13/2022 and contract executed and NTP issued on 7/25/2022. Work anticipated to begin on site on 10/26/2022. 3) Grace Industries completed all work between 10/28/2022 and 12/7/2022. A Final Completion Certificate was issued to Grace on 12/7/2022. Working with Van Cleef regarding Army Corps of Engineers inspection. 4) Still awaiting Army Corps of Engineers inspection. 5) N/C 6) N/C 7) N/C
Project No.: 2022 36	
Contact Person: AJH	
Budget No.: 008A-88002	
Budget Amount: \$77,400.00	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant: Van Cleef	
Contractor: Grace Industries	
Bid Tab No.:	

Project Name: WWTP Biosolids Beneficial Use	<u>STATUS:</u> 1) Assisted WWTP Superintendent with packaging and bidding the annual Biosolids Beneficial Use bid. Bids were advertised on 9/2/2022 and 9/5/2022 and bids were received from three (3) haulers on 9/30/2022. A recommendation to award to low bidder Synagro Central, LLC Is on Councils 10/18/2022 agenda. 2) A contract was issued to Synagro and was executed on 12/20/2022. A NTP will be issued by Water & Sewer Resources. 3) N/C 4) N/C 5) N/C 6) N/C
Project No.: 2022-49	
Contact Person: AJH	
Budget No.: 3001-42047	
Budget Amount: \$	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor: Synagro	
Bid Tab No.:	

Project Name: Chemically Enhanced Primary Settling	<u>STATUS:</u> 1) The CEPT project was bid in August/September 2022 and bids were received on 10/5/2022. Five (5) GC bids and two (2) EC bids were received. Pact Two LLC was the low GC bidder at \$1,063,000 and BSI was the low EC bidder at \$674,000 for base and alternate. Due to the budget, only the EC could be awarded in 2022 and an extension to award the GC was given by Pact Two. A contract was executed with BSI and a NTP was issued on 12/9/2022. The award of the GC contract is planned to be on the 1/17/2023 Council agenda. 2) NTP issued to GC on 2/1/2023 and pre-con meeting held on 2/9/2023. EC has installed duct bank for fiber optic. GC is awaiting materials and anticipates starting on site late July/early August 2023.
Project No.: 2022-45	
Contact Person: AJH	
Budget No.: 008A-88024	
Budget Amount: \$	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor: GC – Pact Two (\$1,063,000) EC – BSI (\$674,000)	

Bid Tab No.:	3) Construction is anticipated in July 2023. 4) Construction started and is ongoing. Completion in February 2024. CO issued for \$5,355 for removal of additional footers on 9/27/23. 5) Pre-fab chemical building and basin for PACL tank installed. A \$25,000 credit was issued by PACT 2 and change order awarded to BSI to complete electrical duct banks.
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Project Name: WWTP MCB Renovations	<u>STATUS:</u> 1) Project was advertised for bid on 2/28/2023 and 3/2/2023. Addendum #1 was issued on 3/22/2023 and bids were due on 3/30/2023. This will involve four (4) contracts (General, Electrical, Plumbing, and Mechanical). 2) General contract will be awarded to CMG of Easton, electrical contract to FIS, and plumbing and mechanical to Integrity Mechanical. 3) Contracts awarded. NTPs issued 10/11/2023 with substantial completion in October 2024. Construction expected to begin late October 2023. 4) Demolition began late November 2023. Phase I construction starting shortly.
Project No.: 2023-08	
Contact Person: AJH	
Budget No.: 008A-88127	
Budget Amount: \$	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant:	
Contractor:	
Bid Tab No.:	

Project Name: WWTP Electrical Repairs	<u>STATUS:</u> 1) Proposal received from D'Huy and contract was sent to Council on 3/7/2023. Awaiting PSA from Legal. Scope includes design/bidding of electrical repairs identified in Master Plan. 2) PSA was fully executed on April 6, 2023. 3) 95% plans received September 22, 2023. Awaiting further comment from D'Huy before proceeding to bidding. 4) Project was advertised 11/13/23 with bids received 12/15/23. BSI, Inc. is the apparent low bidder at \$405,540. Bid documents currently under legal review.
Project No.: 2023-18	
Contact Person: AJH	
Budget No.:	
Budget Amount: \$	
Balance: \$	
NTP Date:	
Req. Date of Completion:	
Engineering Consultant: D'Huy	
Contractor:	
Bid Tab No.:	