



City of Pataskala
Alan W. Haines, P.E., Public Service Director
Public Services Report to Council

➤ **2018 Streets Program**

1. All asphalt work is complete.
2. Chip and seal, grading and berming, and striping work will be completed when weather conditions allow.

➤ **2019 Streets Program**

1. Coordination with GPD Group for design of the 2019 RAMP is in progress.
2. It is anticipated that the project will be ready to bid in mid-March.

➤ **Broad Street, Downtown Corridor Signal Timing Project**

1. Project purpose
 - a. Optimize coordinated signal timing through the Broad Street, Downtown Corridor for efficient traffic flow.
 - b. Current timing through the corridor is not optimized causing inefficient traffic flow through the corridor, resulting in back-ups and unnecessary delay.
2. Schedule:
 - a. Conduct traffic counts while school is still in session this spring.
 - b. Implement signal timing improvements before the street fair.

➤ **Mink Street Phase III Project (Mink and Broad)**

1. Schedule
 - a. Remaining work:
 - i. Final striping on northeast corner.

➤ **Main Street Project**

1. Electrical
 - a. Underground Power
 - i. The City continues to work with AEP and residents to address concerns.
 1. The City and AEP are coordinating to obtain the remaining easements.
2. Budget
 - a. Current projections indicate that the project is slightly over budget.
 - i. When construction resumes we will look for other ways to cut construction cost and/or appropriate funds from within the approved budget.
3. Schedule
 - a. The project is substantially complete (with the exception of electrical work that has been delayed beyond the control of the contractor).

➤ **Mink Street Phase II Project**

1. Work on Sections 1 and 2 is complete for 2018, and Mink Street has reopened.
2. Phase 3, and all surface course asphalt will be completed in 2019.

- **Columbia Road Bridge Project**
 1. The project is substantially complete, and we are awaiting project close-out information from ODOT.

- **Taylor Road Path Project**
 1. Construction and restoration efforts have ceased for the winter.
 2. The project will re-commence as weather permits in the spring, with project completion expected shortly thereafter.
 3. ODOT has been contacted to address safety and visual condition concerns.
 4. PSD will paint obstructions in path with high visibility paint when weather conditions permit.

- **Graham Rd. Stormwater Improvements**
 1. The PSD will plan to install a storm sewer extension along Graham Road in 2019.
 2. The extension will add approximately 250' of new 12" storm sewer and 2 catch basins in the area that currently experiences flooding.
 3. After installation, the PSD will continue to monitor this area for improvement effectiveness and evaluate the necessity of further improvements.

- **Retention-Detention Pond Inventory and Evaluation Project**
 1. Design of top priority improvements is in progress and being coordinated with JHA.
 2. Brookesedge retention ponds are causing flooding of Monarch Dr.
 - a. Solution is to install up-to-date outlet structures, but project was not factored into budget.

- **Oak Meadow Drive Improvements Project**
 1. Survey and design of improvements along Pat Haven Drive is in progress.
 - a. An updated cost estimate will be provided after it is determined if the storm sewer will be in grass or pavement.
 2. Schedule
 - a. It is anticipated that the project will be ready to bid by mid-March.
 3. Columbia Gas will be completing gas line relocations ahead of this project.
 - a. Miller Pipeline is nearly complete with Columbia's relocation work.
 4. Coordination is on-going with the Streets Committee for project details.
 - a. A group of residents have circulated a petition supporting concrete sidewalk instead of an asphalt path.
 - b. It is planned to have the concrete sidewalk will be included as a bid alternate.

- **Pataskala Safe Travel Plan**
 1. Design of Phase I and II as a combined project.
 - a. Final design being presented at next Street Committee meeting.
 2. Schedule
 - a. It is anticipated that this project will be ready to bid by mid-March.
 3. The next 4 identified phases have been added to the PSD CIP for funding over the course of the next 5 years.

- **Public Service Department (PSD)**
 1. Roadway Maintenance

- a. The PSD continues to patch potholes and berm as needed. Spot repairs with paving equipment, Potholing, Crack sealing and Dura-patching operations will continue as time and weather permit.
 - i. Recently completed projects include:
 - 1. Crack Sealing and Dura-patching
 - 2. Berm and Potholing
 - ii. In progress and upcoming projects include:
 - 1. Crack Sealing and Dura-patching
 - a. Complete for 2018
 - 2. Berm and Potholing
 - a. Cutting berm along Headley's Mill Road to facilitate drainage.
 - b. Personnel are filling potholes at every opportunity to try and keep up.
 - b. Alley Maintenance
1. Stormwater Management
 - a. The PSD continues to work with the community to identify areas of poor drainage and employ responsible solutions to mitigate them.
 - i. Large scale efforts to be studied/addressed include:
 - 1. Taylor Road
 - 2. Halloon Lane
 - 3. Oak Haven/Broadview crossing
 - 4. International Drive
 - 5. Summit Road
 - 6. Bristol Drive
 - 7. Blanche Addition
 - 8. Downtown/Old Village drainage
 - ii. An up-to-date report detailing the known issues, apparent causes, and potential solutions to each of the above listed drainage issues was provided to the Streets Committee at the January 28th meeting.
 - iii. Small scale efforts
 - 1. The PSD will continue to address small scale storm water issues as schedule permits.
 - b. The PSD continues to make efforts to improve and restore drainage by conducting ditch cleaning and culvert replacement operations as weather permits.
 - i. Recently completed projects include:
 - 1. Tile and culvert repairs at the following locations:
 - 2. Ditch cleaning
 - 3. Catch Basins
 - 4. Storm sewer maintenance
 - ii. In progress and scheduled projects include:
 - 1. Dixon Road
 - a. Drainage along Dixon Rd. is poor in many areas, and ditches will need to be improved to address this.
 - 2. Havens Corners
 - a. Investigating and improving drainage along Havens Corners Road, where standing water has been an issue just east of Taylor Road.

- c. PSD personnel conduct inlet cleaning throughout the City during and after rain events to address clogged drains and prevent flooding.
- 2. Bridges
 - a. Bridge Asset Management
 - i. The PSD will be working with Stone Engineering for bridge inspections that will provide recommended maintenance and help to develop a bridge asset management program to better manage our bridges for maintenance and Capital Improvements Planning.
- 3. Initiatives
 - a. Work with the Railroad to coordinate maintenance of railroad right-of-way.
 - i. The signal box and crossing gate guard at Main Street are scheduled for painting and repair.
 - b. GIS
 - i. Working with Utilities and Planning and Zoning to continue to expand the City's GIS capabilities
 - ii. PSD personnel are actively mapping and rating assets throughout the City to build an accurate inventory.
 - iii. PSD intends to use this information to build a stormwater asset management program to move from reactive management, to proactive management.
 - iv. The PSD is investigating the opportunity of obtaining a GIS certificate through Columbus State to help advance the City's GIS capabilities.
 - c. Intersections
 - i. The PSD will seek proposals to study intersections throughout the City and prioritize them with regards to safety and capacity, to identify top priority intersections for improvement.
 - ii. Design and funding scenarios are planned to be developed in 2020, with construction of the top priority intersection scheduled to begin in 2021.
- 4. Engineering
 - a. Development Process
 - i. Coordinate with PZD to update chapter 1117 of the code (Design Standards).
 - b. Standardization
 - i. Working to standardize construction documents including: Pre-construction meeting agenda, standard drawings, change order document, etc.
 - 1. Pre-con agenda completed.
 - c. Development of Specifications, Standard Drawings, and notes.
 - i. The PSD will be working with Jobs & Henderson to develop these items as part of the retainer services contract in 2018.
 - ii. Standard engineering plan general notes are complete.
 - iii. A standard developer's agreement is being drafted by the PSD and the PZD
- 5. Miscellaneous
 - a. Right-of-ways
 - i. Mowing
 - 1. Will commence in spring.
 - ii. Tree Removal
 - 1. The PSD has been, and will continue to identify and remove dead and diseased trees within the right-of-way.
 - a. Trees recently removed/trimmed:

- i. Tree trimming in developments
 - b. Trees scheduled to be removed/in progress:
 - 2. Log jam removal within local creeks and rivers.
 - a. PSD to remove log jam at Creek Road bridge and Mill Street bridge as weather permits.
 - iii. On-going street light replacement around the City.
 - iv. Snow Removal
 - 1. In progress and as needed.
- b. Traffic Signal Maintenance
 - i. As a yearly maintenance item, the PSD will have all signals and associated equipment inspected and serviced.
 - 1. Asplundh completed 2018 inspections in December, and all discrepancy items have been addressed.
 - ii. The PSD will work toward standardizing equipment at all signals for ease of maintenance and minimization of delays when equipment failures occur.
- c. Tornado Sirens
 - i. The PSD observes operation of all sirens on the first Wednesday of every month to ensure that they are functioning properly.
- d. Licking County Health
 - i. Mosquito spraying
 - 1. 1st spray in 2019 will occur prior to the Memorial Day holiday.
- e. Development
 - i. Legacy Estates – Phase 3
 - 1. Accepted, residential construction in progress.
 - ii. Legacy Estates – Phase 4
 - 1. Preliminary planning in progress.
 - iii. Broadmoore Commons – Phase I
 - 1. Surface course asphalt will be placed within the subdivision in the spring of 2019.
 - 2. Acceptance is anticipated in the near future.
 - iv. Reserve at Hazelwood
 - 1. Accepted, residential construction in progress.
 - v. Hazelwood, Section 5, Part 1
 - 1. Surface asphalt will not be placed until spring of 2019.
 - 2. Acceptance is anticipated soon.
 - vi. AEP Substation
 - 1. Punch-list items are being scheduled to be addressed.
 - vii. Heritage Town Center
 - 1. Surface course asphalt will be placed after private construction is complete.
 - 2. Acceptance is anticipated in the near future.
 - viii. Villas at Cumberland
 - 1. Project in Etna Twp along Refugee Road
 - 2. Work within the City for widening and resurfacing is substantially complete.
 - ix. Ravines at Hazelwood, Part 3
 - 1. Accepted, residential construction to commence soon.

- x. Hazelwood 4-1, 5-2, and 6-1
 - 1. Acceptance on the agenda for tonight.
 - 2. Utility work for section 5.2 and 6.1 is in progress.
 - xi. Broadmoore Commons, Phase 2
 - 1. Construction of public infrastructure in progress.
 - xii. Hazelwood North
 - 1. Developer's current plan will require coordination with Harrison Township.
 - 2. A preliminary conversation with the Township has occurred, with more discussion to determine alternatives expected.
 - xiii. Hunter's Crossing
 - 1. The developer has been working to address initial concerns with preliminary plans.
 - 2. Coordination with Etna Township and Licking County will be required for stormwater and improvements on Refugee Road.
 - xiv. County Tyme Development
 - 1. The PSD is working with the developer to acquire right-of-way along Dixon Road and Havens Corners Road to be able to make storm water improvements along both roads.
 - xv. Broadmoore Commons, Phase 5
 - 1. Preliminary plans have been submitted for review.
 - xvi. Heron Manor
 - 1. Planning is in progress.
 - xvii. Sage Pointe (Summit and Cleveland)
 - 1. Planning is in progress.
- f. Parks
- i. Municipal Park Trail
 - 1. The river has washed out the bank adjacent to the trail for a stretch of roughly 50'.
 - 2. The PSD has placed rip-rap in an attempt to stabilize the bank and prolong the use of the trail.
 - a. The rip-rap that was placed has experienced some deterioration, but appears to be stable.
 - 3. PSD recommendation:
 - a. Short term – place additional rip-rap
 - b. Long term - relocate approximately 200' to 300' of trail to a location approximately 50' further back from the river.
- g. Community Events
- h. Public Relations
- i. The PSD regularly receives resident phone calls and emails about issues throughout the City. Most interactions take less than a half hour, but many take much more time to thoroughly investigate, understand, and address.
 - ii. **In the past two weeks, the PSD has received 30 resident concerns.**
 - iii. **With the excessive precipitation and multiple freeze thaw cycles, we have experienced an exceptional volume of drainage and pothole concerns.**