



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

➤ **2018 Streets Program**

1. A pre-construction meeting occurred Thursday, September 13th.

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

1. Budget
 - a. While the project on the whole is tracking over budget due to changes and plan errors, it is believed, with the approval of the supplemental, that all budget concerns for this project have been addressed.
2. Schedule
 - a. Signal work is in progress.

➤ **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. The Shelly Company has commenced work on Phases 1 and 2.
2. The schedule that has been provided to the City by ODOT, shows Phases 1 and 2 being completed this year, with the exception of the surface course of asphalt.
3. 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.
2. The PSD has requested that ODOT have the contractor re-install the speed limit sign at the proper height and is awaiting corrective action.

➤ **Taylor Road Path Project**

1. The contractor has begun work, with construction anticipated to be complete in November.
2. The 2-week closure of Cleveland Road will commence September 17th.
 - a. The contractor has posted notice of the closure.

- b. The City will alert Community partners, and post notice via the website and social media.

➤ **Graham Rd. Stormwater Improvements**

1. During design it was discovered that there is an existing 15” tile that was installed in the early 2000’s that serves this area.
 - a. After further investigation, it appears that the proposed new storm sewer may not be needed, and the problem may be able to be addressed by extending the storm sewer in the problem area, vice requiring downstream improvements.
 - i. It is anticipated that this storm sewer extension could be completed in-house, and for less than \$20,000
 - b. Strand will model the existing pipe and provide feedback on the its capacity.

➤ **Columbia Rd. Box Culvert Replacement Project - OPWC**

1. All work on this project is complete.
2. The final pay-application will be paid upon approval of Resolution 2018-045

➤ **Retention-Detention Pond Inventory and Evaluation Project**

1. Design of top priority improvements is in progress and being coordinated with JHA.

➤ **Oak Meadow Drive Improvements Project**

1. The PSD and City Administrator met with the owner at 144 Pat Haven Drive and are making changes to the plans and proposed easement based on his preferences.
 - a. The revised easement has been provided, and a meeting with the resident is being scheduled.
2. JHA will finalize the plans after the final location of the easement, and pipe, across 144 Pat Haven has been agreed upon with the resident.
3. Columbia Gas will be completing gas line relocations ahead of this project.
 - a. Miller Pipeline has commenced Columbia’s relocation work.
4. Coordination is on-going with the Streets Committee for project details.
5. The PSD sent a status report to residents and Council on Friday, 6-29-18.
6. Bidding is expected to occur in fall/winter of 2018, with construction in early 2019.

➤ **Pataskala Safe Travel Plan**

1. Survey and Engineering design for Phase I of the Pataskala Safe Travel Plan has commenced.
2. Phase I of the Pataskala Safe Travel Plan includes installation of pedestrian facilities at the western intersection of SR 310 and SR 16.
3. With an aggressive design schedule, the PSD is attempting to put this project out to bid in time to award the project at the December 3rd Council meeting, using funding available in the 2018 budget, with work to commence as weather permits.
4. The remaining 5 identified phases have been added to the PSD CIP for funding over the course of the next 5 years.

➤ **Public Service Department (PSD)**

5. 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
 2. Dura-patching
 3. Berm
 - a. As needed and weather permitting
 4. Potholing/Paving
 - ii. In progress and upcoming projects include:
 1. Crack Sealing
 - a. Mink Street
 - b. Taylor Road
 2. Durapatching
 - a. Dixon Road
 - b. North part of Headley's Mill
 - c. Creek Road
 - d. Graham Road
 3. Berm
 - a. As needed and weather permitting.
 4. Potholing/Paving
 - a. Repairs on Meadow Way
 - b. Alley Maintenance
 - i. Trimming and adding gravel will occur as needed over the course of the summer.
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. Kylemore subdivision – see project activity listed above
 2. Taylor Road
 3. Halloon Lane
 4. Oak Haven/Broadview crossing
 5. International Drive
 6. Summit Road
 7. Bristol Drive
 8. Blanche Addition
 9. Downtown/Old Village drainage
 - ii. A report detailing the known issues, apparent causes, and potential solutions to each of the above listed drainage issues was provided to the Streets Committee in February of 2018.
 - iii. An updated and re-prioritized list was provided to the Streets Committee at the August 27th meeting.
 - iv. Small scale efforts
 1. The PSD has prepared a report of small scale drainage projects and provided it to the Streets Committee.
 2. Note that the PSD has already addressed, or is scheduled to address, most of the items on this list.
 - b. Hazelwood Storm Sewer
 - i. As the storm sewer inspection led to the conclusion that the sewer is in fair condition, the PSD will hand dig sink holes to inspect, and address as needed, or backfill with granular material and restore disturbed areas.

- c. 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
 - ii. In progress and scheduled projects include:
 - 1. Concrete surface for culverts on Headley's Mill Road.
 - 2. Dixon Road
 - a. Drainage along Dixon Rd. is poor in many areas, and ditches will need to be improved to address this.
 - 3. Cleveland Road
 - a. Extension of storm sewer and installation of yard drains to alleviate local drainage issue near 14341 Cleveland Road.
 - 4. Taylor Road
 - a. ODOT notified us that an existing 42" culvert is in poor condition, and cautioned us against connecting to it with the planned extension that is part of the Taylor Road project.
 - b. Per the PSD's inspection, it is recommended to replace this culvert immediately.
 - c. Spenco will complete this project, and it will be funded within this year's budget.
 - d. This work will be completed with a 3-day closure of Taylor Road that will occur during the Cleveland Road closure.
 - 5. Havens Corners
 - a. Investigating and improving drainage along Havens Corners Road, where standing water has been an issue just east of Taylor Road.
- d. PSD personnel conduct inlet cleaning throughout the City during and after rain events to address clogged drains and prevent flooding.
- e. Aspirations
 - i. Development of Storm Water Utility
 - 1. A storm water utility would establish a funding mechanism for the City to catalog, maintain, restore, and replace aging storm water infrastructure including: retention/detention ponds, sewer pipe and structures, roadside ditches, and even large scale drainage efforts as detailed above.
 - 2. Many communities in the Central Ohio area have already implemented storm water utilities. Efforts have been, and will continue to be made to research what other communities have done, and to determine what will work well for Pataskala.
 - 3. Efforts with regard to this proposition shall be coordinated with the Utility Committee/Streets Committee.

2. Bridges

- a. OHM Advisors has provided results of bridge inspections to the City for 2017.
- b. Bridge Asset Management

- i. The PSD is reviewing the merits and potential for 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.
 - ii. Crossing improvements at the following locations are scheduled to occur in 2018:
 - 1. Columbia Road
 - 2. Connors Ave.
 - b. Broad Street corridor signal timing.
 - i. Coordinated signal timing along Broad St. appears to be off and will be examined and adjusted as required.
 - ii. Some funds are planned for this in the proposed 2018 budget; however, after initial conversations with a traffic engineer, there may be some equipment upgrades necessary to adequately address timing.
 - iii. A task driven proposal to address signal systems based on priority, and to include recommended upgrades, is expected from the consultant in the near future.
 - c. Speed Studies
 - i. Conduct speed studies in accordance with FHWA guidelines at specific locations in the City to adjust speed limits up or down such that the posted speeds are fair with respect to traffic law.
 - d. 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 reactionary management, to proactive management.
 - e. Intersections
 - i. A CIP budget item is being added to the PSD budget to study, design, and begin construction of improvements at top priority intersections throughout the City that are either unsafe, over capacity, or both.
- 4. Engineering
 - a. Development Process
 - i. Coordinated with PZD to update Subdivision Regulations.
 - ii. 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, plan notes, 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 Jobes & 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. Fourth round of mowing is in progress.
2. Mowing back trees and shrubs along the right-of-way is in progress.

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:
 - b. Trees scheduled to be removed/in progress:
 - i. 5603 Creek Road
 - ii. Tree trimming in developments
 - iii. Trimming along roads with arm mower
2. Log jam removal within local creeks and rivers.
 - a. The service department is working with Tree King to remove a large tree that has fallen across the River at Municipal Park.
 - b. The City is supporting Licking County Soil and Water in the pursuit of a watershed coordinator to develop a watershed plan for the Licking River watershed.
 - i. Development of a watershed plan will greatly increase the potential for grant funding to assist with removal of log jams as well as other stream restoration and protection activities.

iii. On-going street light replacement around the City.

iv. Snow Removal

b. Traffic Signal Maintenance

- i. As a yearly maintenance item, the PSD will have all signals and associated equipment inspected and serviced.
 1. Asplundh has been contracted to perform this work in 2018.
- ii. The PSD will work toward standardizing equipment at all signals for ease of maintenance and minimization of delays when equipment failures occur.
- iii. Signal at Broad and Taylor
 1. Damaged tether line and signal heads have been scheduled for repair by Asplundh.
 - a. More parts are on order to finish this repair.

c. Tornado Sirens

i. Licking Heights Siren malfunction

1. There was a faulty keypad that caused the malfunction.
2. The keypad has been disconnected to clear the malfunction.
3. Parts are on order to repair.
4. The sirens primary function is not affected, and the siren will sound during testing and emergency operation.

ii. The PSD will observe operation of all sirens on the first Wednesday of every month to ensure that they are functioning properly.

1. All sirens were observed to be operational when set off by the Licking County EMA on Wednesday, September 5th.

d. Licking County Health

- i. State Septic System Mandate
 - 1. L.Co. Health Dept. will be coordinating with the City and residents to complete inspections in the area of Woodside Dr. in 2018.
- ii. Mosquito spraying
 - 1. The 3rd and final spray occurred Wednesday, August 29th prior to the Labor Day Holiday.
- e. Development
 - i. Legacy Estates – Phase 3
 - 1. Utility relocation for the Blacks Road turn lane is in progress.
 - 2. Watkins Road widening, turn lane, and entrance to Legacy Estates is nearly complete.
 - 3. The turn lane on Blacks Road will begin after completion of the Watkins Road turn lane.
 - ii. Broadmoore Commons – Phase I
 - 1. Utility work is complete
 - 2. Broad Street widening work is substantially complete.
 - 3. Intermediate course asphalt is complete.
 - 4. Surface course asphalt will be placed within the subdivision in the spring of 2019.
 - 5. Punch-list work is currently in progress.
 - 6. Installation of the signal is in progress.
 - a. It is the intent of the PSD to have the signal installed, tested, and put on flash until such time as the signal is warranted.
 - 7. Building of homes has commenced with approval of zoning permits.
 - 8. Occupancy permits will not be granted until punch-list items are complete.
 - iii. Carrington Ridge
 - 1. Acceptance is anticipated upon completion of the secondary right-in/right-out entrance.
 - iv. AEP RDC East
 - 1. Project walk-thru occurred Thursday, July 12th, and punch-list items are being scheduled to be addressed.
 - v. Reserve at Hazelwood
 - 1. Accepted, residential construction in progress.
 - vi. Hazelwood, Section 5, Part 1
 - 1. Utility work is complete.
 - 2. Intermediate asphalt has been placed.
 - 3. Surface asphalt will not be placed until spring of 2019.
 - 4. Building of homes has commenced with approval of zoning permits.
 - 5. Acceptance is anticipated soon.
 - vii. AEP Substation
 - 1. Project walk-thru occurred Thursday, July 12th, and punch-list items are being scheduled to be addressed.
 - viii. Heritage Town Center
 - 1. Construction of public utilities is substantially complete.
 - 2. Construction of the roadway is complete with the exception of the surface course of asphalt.

3. Surface course asphalt will be placed after private construction is complete.
- ix. Villas at Cumberland
 1. Project in Etna Twp along Refugee Road
 2. Refugee Road is expected to re-open the week of September 17th.
 3. The entire roadway within the widening section will be resurfaced upon completion of the widening.
 - x. Ravines at Hazelwood
 1. Construction of utilities is complete.
 2. Box culvert installation is complete.
 3. Installation of roadway is expected to commence in the near future.
 - xi. Hazelwood 4-1, 5-2, and 6-1
 1. A pre-construction meeting will be scheduled for the week of September 17th, with construction of public infrastructure to commence shortly thereafter.
 - xii. Broadmoore Commons, Phase 2
 1. Construction of public infrastructure has commenced.
 - xiii. 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.
 - xiv. 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.
 - xv. 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.
 - xvi. Broadmoore Commons, Phase 5
 1. Preliminary plans have been submitted for review.
- 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 begun to wash away during recent rain events.
 3. PSD recommendation is to relocate approximately 200' to 300' of trail to a location approximately 50' further back from the river.
- g. Community Events
- i. The PSD will assist with set-up for Cook out with a Cop.
 - ii. The PSD will assist with the Power Show.

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 three weeks, the PSD has received 11 resident concerns.