



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

➤ **Cable Road Culvert**

1. Project is complete.

➤ **2018 Streets Program**

1. The PSD has received proposals from Strand & Associates, GPD Group, and Jobs & Henderson in response to the RFP for the Streets Program.
2. The PSD has worked with the Streets Committee to develop the list of improvements for the 2018 project, and will continue to coordinate as the project moves forward.

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

1. Project discrepancies
 - a. The house is the only known issue remaining.
 - i. Asbestos remediation occurred March 27th.
 - ii. We are working with the Shelly Company to discuss demolition of the house and moving forward with the project.
2. Budget
 - a. The construction portion of this project is currently tracking slightly over budget.
 - b. The Shelly Company will be requesting increases in labor, material, and equipment rates for incomplete work, as their prices are three years old.
 - i. This request is in accordance with standard procedures and we intend to negotiate fair price increases.
 - ii. Additional costs have not been estimated at this time.
3. Schedule
 - a. Remaining work items including the signal, drainage, and paving will be completed as the contractor's schedule and weather allow once the house is addressed.

➤ **Main Street Project**

1. Electrical
 - a. Underground Power
 - i. The City continues to work with AEP and residents to address concerns.
 1. Public meetings were held on November 29th and 30th to try and address any issues, and obtain the remaining easements.
 2. Meetings appear to have been successful, with a couple of key easements obtained.
 3. AEP resent easement packages with updated easements in the month of February.
 4. The City and AEP are working to coordinate a plan to obtain the remaining easements in the near future.
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. Tree clearing operations are complete.
2. Utility relocations are underway, and will continue between now and the end of April of 2018.
3. The construction contract bid results came in with The Shelly Company as the low bidder.
4. Construction is scheduled to begin in the spring of 2018, and be complete before winter of 2018.

➤ **Columbia Road Bridge Project**

1. ODOT is managing construction of this project.
2. The bridge has been opened to traffic for the winter, but will require minor maintenance through the winter until the final work is completed in the spring.
3. An additional 2-week closure will be required in the Spring when weather conditions meet the specification for the remedial work that was caused by workmanship issues.

➤ **Taylor Road Path Project**

1. Stage III plans have been submitted.
2. R/W acquisition is complete.
3. Construction is scheduled for 2018.

➤ **Graham Rd./Kylemore Subdivision Improvements**

1. Recommendation from Street Committee, and the intended course of action is to design and construct drainage improvements along Graham Road to address flooding along Graham Road. All work is anticipated to be confined to the existing right-of-way.
2. Engineering design work for this project is included in the 2018 budget.

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

1. Remaining work will be completed after the asphalt plants re-open.

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

1. The final report was presented to the Streets Committee at the October 23rd meeting.
2. Proposed draft legislation including a proposed prescribed maintenance and inspection schedule is being vetted by the Streets Committee.
3. Top priority improvements are being reviewed by the Streets Committee, Jobs & Henderson is preparing a scope for bid documents, and improvements are anticipated to begin early in 2018 as scheduling and weather allow.

➤ **Oak Meadow Drive Improvements Project**

1. The 50% plans, including improvements for Hickory Drive have been submitted for review.
2. JHA has been released to proceed to 90% plans.

3. Columbia Gas is scheduled to expose their infrastructure, and determine relocations if necessary.
4. Coordination is on-going with the Streets Committee for consideration of design alternatives and budgeting.

➤ **Public Service Department (PSD)**

1. Roadway Maintenance
 - a. The PSD continues to patch potholes and berm as needed. Spot repairs with paving equipment, Crack sealing and Dura-patching operations will continue as time and weather permits.
 - i. Recently completed projects include:
 1. Crack Sealing
 2. Dura-patching
 3. Berm – berm repairs have been completed due to wash-outs from recent rain events.
 - ii. In progress and upcoming projects include:
 1. Crack Sealing – will resume in spring of 2018
 2. Durapatching – ~~will resume in spring of 2018~~. Due to the deterioration of many roads this winter, limited durapatching operations will be conducted as needed:
 3. Berm
 - a. All roads east of Mink St. and as needed and as weather permits.
 - b. Alley Maintenance
 - i. Trimming of weeds/grass in alleys will resume in the spring.
2. Storm water 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. Halloon Lane
 3. Oak Haven/Broadview crossing
 4. Taylor Road
 5. International Drive
 6. Summit Road
 7. Bristol Drive
 - ii. A report detailing the known issues, apparent causes, and potential solutions to each of the above listed drainage issues has been provided to the Streets Committee for review and consideration with regard to City responsibility and prioritization of each.
 - iii. Small scale efforts
 1. The PSD is preparing a report of small scale drainage projects, and will coordinate with the Streets Committee for appropriate implementation including budgeting and scheduling,
 - 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 will continue 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. Rebuilding of second failed catch basin/pipe in Park Street.
 - 2. Ditch cleaning on the following roads:
 - a. Mink St. north of Cable
 - b. Use of ditching unit throughout City as needed.
 - ii. In progress and scheduled projects include:
 - 1. Culverts on Headley's Mill Road (waiting until early 2018).
 - 2. Culverts and ditches along Refugee Road will be improved, lowered and extended as needed and available to improve drainage along Refugee Road (Spring/Summer of 2018).
 - 3. Dixon Road
 - a. Drainage along Dixon Rd. is poor in many areas, and ditches will need to be improved to address this.
 - b. The PSD is researching available right-of-way, and/or the need for easements/agreements to push the ditches back from the road and improve them.
 - 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.
 - ii. Pataskala Safe Travel Plan
 - 1. Work to develop a plan to establish safe routes for pedestrian traffic along the City's busy corridors, especially along Broad St. where foot travel is prevalent, but facilities lacking. Plan anticipated to include pedestrian facilities at signalized intersections, as well as trails, sidewalks, and foot bridges.
 - 2. The PSD will work with the City Engineer to identify project phases, and provide planning level estimates and prioritization for each phase.
 - 3. Engineering design for the first phase of pedestrian facility improvements will begin this year.
3. Bridges
- a. OHM Advisors has provided results of bridge inspections to the City for 2017.
 - b. Results will be reviewed for any needed improvements.
 - c. Bridge Asset Management

- i. The PSD is reviewing the merits and potential for a bridge asset management program that has been proposed by a consultant to better manage our bridges for maintenance and Capital Improvements Planning.
- 4. Initiatives
 - a. Work with the Railroad to coordinate maintenance of railroad right-of-way.
 - i. Crossing improvements at Township Road have been completed.
 - ii. The signal box and crossing gate guard at Main Street are scheduled for painting and repair.
 - iii. Crossing improvements at Columbia Road have been discussed with the Railroad, and it is on their list of projects, but their 2018 project list has not been finalized.
 - b. Storm Basin Maintenance
 - i. Settlement at Pataskala retention pond
 - 1. The storm outlet is scheduled to be improved by the developer now that the beaver does not appear to be an issue.
 - c. 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.
 - d. 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.
 - e. 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 will use this information to build a stormwater asset management program to move from reactionary management, to proactive management.
- 5. Engineering
 - a. Development Process
 - i. Coordinated with PZD to update Subdivision Regulations.
 - ii. It is planned to coordinate with PZD to update chapter 1117 of the code in 2018.
 - 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 Jobs & Henderson to develop these items as part of the retainer services contract in 2018.
 - ii. Standard engineering plan general notes in progress.
 - iii. A standard developer's agreement is being drafted by the PSD and the PZD
- 6. Miscellaneous
 - a. Right-of-ways

1. Mowing & Spraying efforts will resume in spring of 2018.
- 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. Along west side of Summit Rd. south of Broad St.
 - b. Trees scheduled to be removed/in progress:
 - i. Dixon Road
 - ii. Refugee Road
 - iii. Cable Road
 - iv. Columbia Road
 - 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.
 - ii. The PSD will work toward standardizing equipment at all signals for ease of maintenance and minimization of delays when equipment failures occur.
- c. Licking County Health
 - i. State Septic System Mandate
 1. L.Co. Health Dept. has reported that they have had success with residents on Helen and Christy Lee addressing their septic systems, and they will now be reverted to the annual inspection program guidelines.
 2. 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 will be coordinated with L.Co. Health for the first spray to occur prior to the Memorial Day Holiday.
- d. Development
 - i. Legacy Estates – Phase 3
 1. The Developer will begin installation of turn lanes on Watkins and Blacks Roads in the near future.
 - ii. Broadmoore Commons – Phase I
 1. Utility work is complete
 2. Broad Street widening work is done for 2017, surface course will be installed in 2018.
 3. Interior roadway base has been installed. Surface asphalt will not be placed until spring.
 4. RCC concerns are being/have been adequately addressed.
 5. Building of homes will commence with approval of zoning permits.
 - iii. Carrington Ridge
 1. Acceptance is anticipated soon.
 - iv. AEP RDC East
 1. Building construction is in progress.
 - v. Reserve at Hazelwood
 1. Final walk-thru and substantial completion have been completed.
 2. Resolution 2018-017 is on the agenda for acceptance of public improvements, and is recommended.

- vi. Hazelwood, Section 5, Part 1
 - 1. Utility work is complete.
 - 2. Roadway base has been installed. Surface asphalt will not be placed until spring.
 - 3. RCC concerns are being/have been adequately addressed.
 - 4. Building of homes will commence with approval of zoning permits.
- vii. AEP Substation
 - 1. Construction has commenced.
 - 2. Erosion control issues were noted, and addressed immediately. These items will continue to be monitored.
- viii. Heritage Town Center
 - 1. Earth moving operations have commenced.
 - 2. Pre-construction meeting has occurred, and construction is scheduled to begin in early March.
 - 3. Verification of easement for stormwater has been completed.
 - 4. Construction of public improvements has commenced.
- ix. Villas at Cumberland
 - 1. Etna Twp project along Refugee Road
 - 2. Roadway issues have been reported, and are being addressed/investigated for solutions.
- x. Ravines at Hazelwood
 - 1. Pre-construction meeting to be schedule in coming weeks.
- e. Parks
 - i. Foundation Park Septic
 - 1. Coordinating with the Licking County Health Department for design of septic system with leach field to address sewage treatment at Foundation Park Garage and Soccer Concession Stand.
 - 2. Construction of this work is anticipated to occur in 2018.
 - ii. 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
 - 3. PSD recommendation is to relocate approximately 200' to 300' of trail to a location approximately 50' further back from the river.
- f. Community Events
 - i. PSD is coordinated with the Parks Manager for assistance with the Easter Egg Hunt.