



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

➤ **Broad Street and Watkins Road Traffic Signal Improvements**

1. Project purpose
 - a. Replace
 - i. All signal wiring
 - ii. Signal controller cabinet
 - iii. All signal heads
 - b. Add
 - i. Detection and signal heads for protected left turns on the east and west bound approaches of Broad Street.
2. Schedule
 - a. Equipment is on order with an expected lead time of 2 to 3 months.

➤ **Intersection of Broad Street and Summit Road**

1. Current Items
 - a. ODOT has responded that with some qualifications, they will include right-of-way acquisition in the project to accommodate the future 5-lane section of Broad Street, but will not fund the actual 5-lane section expansion.
 - b. Approved improvements to intersection to include:
 - i. Adding protected left-turn phases the east and west bound approaches.
 - ii. Placing mast-arms in locations to accommodate future expansion and replacing all signal components.
2. Budget
 - a. With the large cost of this project, funding it from within the Street Fund is not a realistic scenario; accordingly, State and Federal funding is being sought.
3. Schedule
 - a. Spring 2020 – Application for ODOT Safety funds submitted.
 - b. 2021 – Begin design
 - c. 2021/2022 – Finalize design and acquire any necessary right-of-way.
 - d. 2022/2023 - Construct

➤ **2020 Streets Program**

1. Schedule/current items
 - a. All work complete.
2. Budget
 - a. Project is on or under budget.

➤ **Mink Street Phase II Project**

1. Budget
 - a. The project is believed to be over budget.
 - b. ODOT has not tallied final quantities, and has not given us an estimated final value.
 - c. Updates will be provided as they are available from ODOT.

➤ **Oak Meadow Drive Improvements Project**

1. Schedule

- a. Coordinating with contractor to complete restoration and corrective work.

➤ **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
 2. Dura-patching
 - a. Columbia Road
 - b. Radar Alley
 3. Berm

- ii. In progress and upcoming projects include:

1. Dura-patching
 - a. Summit Road
 - b. Halloon Lane
 - c. Patterson Road
 2. Crack Sealing
 - a. 310 north of Broad
 - b. Summit Road
 - c. Broad St. west of Mink St.
 3. Berming

- a. Cutting berm in progress on rural routes to improve drainage.

- b. Alley Maintenance

- i. Bi-annual maintenance of adding stone and dragging alley's has been completed for spring and will be addressed as needed.
 - ii. Trimmed trees/bushes/shrubbery in alleys.

- c. Striping

- i. The following locations are planned to be striped/re-striped in 2020:
 1. State Route 310 all the way through the City.
 2. 5 intersections in the Hazelwood subdivision will receive stop bars and crosswalks.
 3. Havens Corners Road and Summit Road will receive new centerline.

2. 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 are included in CIP and coordinated with Streets Committee
 - ii. Small scale efforts are addressed administratively
- 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 installation/repairs
 2. Ditch cleaning

- a. Cleaned 20' of ditch line along Broad St. at International Dr.
 - 3. Catch Basins
 - 4. Storm sewer maintenance
 - ii. In progress and scheduled projects include:
 - 1. Cleaning, jetting, cameraing and locating storm sewer (Elliot Ditch) between Graham Road and Dixon Road in progress.
 - 2. Cleaning, jetting, cameraing and locating storm sewer on Jefferson St. Found 3 storm sewer manholes that were buried under asphalt that have been raised to grade.
3. Bridges and Culverts
 - a. Bridge Asset Management
 - i. A 5-year CIP has been drafted based off of the maintenance recommendations provided in the inspection report completed by Stone Engineering.
 - b. Culvert and bridge replacement and maintenance
 - i. Bridge on Blacks Road
 - 1. Money was budgeted for replacement of this bridge in 2020; however, it is not yet in need of replacement.
 - 2. Minor maintenance items including armoring between and around the twin culvert and cleaning out the upstream channel to bring the stream back in alignment with the culvert have recently been completed.
 - ii. Headley's Mill bridge
 - 1. Investigation is underway to assess what action to take, and when, with regard to this bridge.
 - iii. Cable Road bridge
 - 1. Action is planned to be taken in 2020 to address scour repair along the footing of this bridge as budgeted. Planning is in progress.
4. Traffic Signals and Intersections
 - a. Intersection Safety and Capacity Study
 - i. This document forms the framework for long-term planning for intersection improvements.
 - ii. CIP planning and funding scenarios are being developed and vetted through the Street Committee.
 - b. Traffic Signal Maintenance
 - i. Current
 - 1. The PSD is currently working to identify outdated and failing signal control equipment. Money is budgeted in 2020 for this endeavor, and work is planned to continue. This is necessary to prevent signal operation failure.
 - a. The signal at Broad St. and Oxford Drive has been found to have faulty wiring. Trouble shooting and repair are in progress.
 - b. Loop detector issues at Etna Parkway and Broad St. have been identified. Trouble shooting and repair will commence in the near future.
 - c. Pedestrian heads at Corylus and Broad are planned to be reconfigured to match existing intersection characteristics and be replaced with count-down timers.

- ii. Annual
 - 1. As a yearly maintenance item, the PSD has all signals and associated equipment inspected and serviced.
 - a. Repairs and replacement of faulty/failing equipment are in progress.
 - iii. Long-term
 - 1. The PSD will work toward standardizing equipment at all signals for ease of maintenance and minimization of delays when equipment failures occur.
- 5. Miscellaneous
 - a. Right-of-ways
 - i. Mowing
 - 1. 5th round in progress.
 - 2. Arm mowing behind ditches complete.
 - ii. Tree Removal
 - 1. The PSD continually works 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. Dead trees in reserve area between Foundation Park and the Settlement at Pataskala.
 - ii. 6100 Summit Road
 - iii. On-going street-light replacement around the City.
 - iv. Snow Removal
 - 1. Trucks servicing in preparation for the 2020-21 season is in progress.
 - b. Tornado Sirens
 - i. The PSD observes operation of all sirens on the first Wednesday of every month to ensure that they are functioning properly.
 - 1. All sirens will be observed to be operational on Wednesday, August 26th.
 - c. Licking County Health
 - i. Mosquito spraying
 - 1. Final spray for 2020 occurred the Wednesday before Labor Day.
 - d. Development
 - i. Legacy Estates – Phase 3
 - 1. Residential construction in progress.
 - ii. Legacy Estates – Phase 4
 - 1. Public infrastructure work in progress.
 - iii. Broadmoore Commons – Phase I
 - 1. Accepted, residential construction in progress.
 - iv. Reserve at Hazelwood
 - 1. Accepted, residential construction in progress.
 - v. Hazelwood, Section 5, Part 1
 - 1. Accepted, residential construction in progress.
 - vi. Heritage Town Center
 - 1. Phase 1 – Complete – 1-year punch-list items remain.
 - 2. Phase 2
 - a. Construction has commenced.

- vii. Ravines at Hazelwood, Part 3
 - 1. Accepted, residential construction in progress.
- viii. Hazelwood 4-1, 5-2, and 6-1
 - 1. Accepted, residential construction in progress.
- ix. Broadmoore Commons, Phase 2
 - 1. Accepted, residential construction in progress.
 - 2. Surface course asphalt will be placed within the subdivision in the spring of 2020.
- x. Broadmoore Commons, Phase 3
 - 1. Accepted, residential construction in progress.
- xi. Hazelwood North – Scenic View Estates
 - 1. Coordination with the developer is ongoing for planning.
- xii. Broadmoore Commons, Phase 5
 - 1. Accepted, residential construction in progress.
- xiii. Heron Manor
 - 1. Construction in progress.
- xiv. Broadmoore Commons, Phases 4 and 6
 - 1. Construction in progress.
- xv. Broadmoore Commons, Phase 7
 - 1. Construction in progress.
- xvi. Homesteads of the Border Place, Section 3, Parts 1 and 2
 - 1. Engineering plan review complete, pre-con anticipated in the near future.
- xvii. Hazelton Crossing
 - 1. Traffic Impact Study is being reviewed.
- xviii. Brynn Mar Crossing
 - 1. Plan review in progress.