



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

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➤ **2023 Streets Program**

1. Current
  - a. Design in progress.
  - b. Requesting \$300,000 in the current Supplemental from the excess carryover in the Street Fund.
2. Roadway improvements planned for 2023
  - a. Base Bid
    - i. Columbia Road south of Broad St.
    - ii. Woodside Drive
    - iii. Barrington Ridge Subdivision
      1. Microsurface treatment versus paving option being discussed at the Street Committee
      2. Proposed addition of funds to the project would allow for a full asphalt mill and fill for the entire subdivision.
  - b. Alternate Bids
    - i. South High Street
    - ii. Bristol Drive
3. Budget
  - a. Current budget = \$800,000
  - b. Proposed budget = \$1.1 M
  - c. Increased tax collections and savings in the 2022 budget, has left the Street Fund with a 90% carryover balance coming into 2023. It is believed that all other proposed changes can be funded from within the 2023 budget, so using this amount for an improved paving project makes sense.

➤ **Vine Street Trunk Sewer Project**

1. Current Items
  - a. 90% plans in progress.
  - b. OPWC Application has been recommended for funding by the executive committee
    - i. 75% Grant (\$225k) / 25% Loan combination (\$75k)
  - c. Resolution 2023-021 on tonight's agenda for design mods
2. Project Summary/Rationale
  - a. Intent of the project is to relieve intermittent flooding that occurs on Linda Avenue.
  - b. Existing drainage relies on old field tile that is in disrepair across private property.
  - c. New storm sewer will be placed in public right-of-way and tie-in to the Town Street Trunk Sewer.
3. Project Scope
  - a. Install 1000' of new storm sewer along Vine St. and 600' of storm sewer on Linda Avenue, and improve drainage on and along both roads.
  - b. With approval of the proposed mod, add concrete gutter and catchbasins on Vine St. between the Library and Linda Ave. along the sidewalk and repave all of Vine St. and Linda Ave.

4. Budget
  - a. In-house = \$650k
  - b. Cost estimate, including mod and 20% contingency = \$600k
5. Schedule
  - a. Design in 2022
  - b. Construct and repave in 2023

➤ **Taylor Road Drainage Project**

1. Current Items
  - a. Yards stabilized for the winter, final grading, topsoil, and seed to be completed in spring.
  - b. Letter sent to residents explaining the plan and reason on 11-29-22
2. Schedule
  - a. Contractor will return in spring for final restoration.

➤ **Pataskala Safe Travel Plan, Phase III**

1. Current Items
  - a. Design modifications to include federal project requirements and adding pedestrian facilities on the north leg in progress.
  - b. In process of acquiring needed right-of-way
2. Project Summary
  - a. Upgrade the SR 310, SR 16, and Township Road intersection with the following items:
    - i. Install pedestrian facilities on the N, S, and E legs of the intersection.
    - ii. Replace the signal control cabinet and all equipment within it.
    - iii. Replace signal wiring.
    - iv. Add a battery back-up.
    - v. Switch to radar detection, as a project alternate, which is more reliable than loop detection.
  - b. Rationale
    - i. This project was originally scheduled for 2021, but got put on hold due to Covid and cost increases.
    - ii. The primary driver for the project is pedestrian safety, but the signal upgrades and pedestrian facilities go hand in hand.
  - c. Budget
    - i. City funds for the project have been encumbered.
    - ii. Federal earmark funds have been awarded and the requirements thereof are being determined.
  - d. Schedule
    - i. Construction anticipated for late 2023 or early 2024.

➤ **Refugee Road Improvements Project**

1. Current
  - a. Stage 3 plans have been submitted for review.
  - b. ROW acquisition in progress
2. Plan
  - a. Improvements are planned to be reconstruction of Refugee Road to a 3-lane section, and roundabouts at both intersections.
3. Stake Holders
  - a. Licking County TID

- i. Project Lead
  - b. Etna Township
  - c. Pataskala
  - d. Licking County Engineer
    - i. Will provide plan review, project coordination, and liaison to County Commissioners.
  - e. County Commissioners
    - i. Anticipated to provide project assistance with/through the TID, and may provide auxiliary financial support if needed.
  - f. Developers
    - i. Red Rock and TPA to provide combined project funding of \$2.6M.
- 4. Schedule
  - a. Construction planned to be completed by the end of 2024.

➤ **Cable Road Bridge Project**

- 1. Current
  - a. Bid opening scheduled for April 6
- 2. Project Summary/Rationale
  - a. Replacing the existing 3-sided arch culvert (bridge) with a 4-sided box culvert and installing associated pavement to finish the turn-lane extension in a partnership with Licking Heights.
- 3. Budget
  - a. All funds, as previously detailed and understood, had been encumbered from the 2021 PSD Budget; however,
    - i. During design it became evident that the preliminary estimate was low for the scope of the work.
    - ii. Accordingly, the following are the anticipated costs
  - b. Estimated total project cost = \$500k.
    - i. Eng = \$50k
    - ii. Construction = \$425k
      - 1. School contribution for construction = \$150k.
    - iii. CA/CI = \$25k
  - c. Updated construction cost indicates planned budget is not sufficient.
    - i. Recommend continuing with final plans and bidding.
    - ii. Administration has broached the topic of additional funds from School
    - iii. If bid is high, request authorization to cover any additional cost not covered by the School from savings in the 2022 PSD budget.
- 4. Schedule
  - a. Construction in 2023

➤ **Broad Street Downtown Corridor**

- 1. Current Items
  - a. Analyzing a 2-phased project approach along with authorizing a 30% design to make the project more attractive to funding sources.
- 2. Scope
  - a. Primary objective is to improve the dog-leg intersections of SR 310 and SR 16

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

1. Current Items
  - a. TIF agreement language and ROW acquisition negotiations in progress.
2. Scope
  - a. The PSD is working with Coughlin, Licking Heights, and ODOT to coordinate TIF Improvements at the intersection through Coughlin with the ODOT improvements, as well as to coordinate Bristol Dr. extension and acceptance with Coughlin and Licking Heights.
    - i. This is viewed as a win all around, with school drop-off traffic being improved, Bristol Dr. being open for Coughlin development use, and the City getting right-of-way donated by Coughlin as well as north and southbound left-turn lanes at Summit and Broad through the TIF.
    - ii. The TIF improvements at the intersection are anticipated to be constructed in 2022/2023.
    - iii. Coughlin will donate right-of-way after terms of development plan are finalized and approved.
  - b. ODOT has committed to funding the following improvements to the intersection:
    - i. Adding protected left-turn phases to the east and west bound approaches.
    - ii. Placing mast-arms in locations to accommodate future expansion and replacing all signal components.
  - c. Project will also include the addition of another signal on Broad St. east of the Summit Road signal that is required per the traffic study at the Bristol Dr. extension.
3. Budget
  - a. ODOT has confirmed that the project will be awarded and will cover 100% of the construction and engineering cost of this project; however,
  - b. Some items, including pedestrian facilities, subsurface utility plans, and other small items may be at the City's cost; therefore, some money will be budgeted for this project over the next 2 to 3 years.
4. Schedule
  - a. 2022 – Begin design
  - b. 2022/2023 – Finalize design
  - c. 2023/2024 - Construct

➤ **Public Service Department (PSD)**

1. Roadway Maintenance
  - a. The PSD continues to patch potholes and berm as needed. Spot repairs with paving equipment, Potholing, and Crack sealing operations will recommence in the spring when weather permits. Dura-patching to seal previous roadway repairs will continue as weather permits.
    - i. Recently completed projects include:
      1. Crack Sealing
        - a. Currently working on Legacy Estates
      2. Dura-patching
        - a. Plan to begin dura-patching in April
      3. Berm
        - a. Cutting and adding berm where needed throughout the City on a continuing basis.
      4. Miscellaneous
      5. Asphalt Repairs

- a. Pothole repair weekly / as needed.
      - b. Paved road cuts (Carriage, Depot, Shaleridge)
    - ii. In progress and upcoming projects include:
      - 1. Dura-patching
        - a. Cleveland Road
        - b. Broadway Street
        - c. High Street
        - d. Havens Corners Rd.
        - e. Hollow Rd.
      - 2. Crack Sealing
        - a. Mill St.
        - b. Barrington Ridge Subdivision
        - c. Legacy Estates
        - d. Taylor Glen
        - e. Wood St.
        - f. Courter Rd.
      - 3. Berming
        - a. As needed
  - b. Alley Maintenance
    - i. Acquiring a drag box and will drag alleys as needed to rejuvenate and add gravel once received (May).
  - c. Striping
    - i. In house striping to resume late spring of 2023.
    - ii. Evaluating costs for striping both SR 16 and SR 310 in 2023, as both routes have experienced significant degradation in striping visibility.
      - 1. Plan to discuss options with the Street Committee at the next meeting.
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
        - a. Sink hole repair at Carriage Blvd (completed).
        - b. 109 Charles Drive – install drain inlet
      - 2. Ditch cleaning
        - a. Summit Rd.
        - b. Havens Corners Rd.
        - c. Cable Rd.
        - d. Graham Rd.
        - e. Refugee Road
        - f. Mink St. south
        - g. Cypress Dr.
      - 3. Catch Basins

- 4. Storm sewer maintenance
      - 5. Cleaning, jetting, cameraing
    - ii. In progress and scheduled projects include:
      - 1. Tile and culvert installation/repairs
      - 2. Ditch Cleaning
      - 3. Cleaning, jetting, cameraing
        - a. Locating storm sewer (Elliot Ditch) between Graham Road and Dixon Road in progress. Coordination with the County for further work.
      - 4. CB repair at:
        - a. 206 Key Blvd.
        - b. 313 Edgemont Court
        - c. 337 Eddington Drive
        - d. 432 Lockmeade Drive
    - c. Curb and gutter, catch basin, and inlet repairs
      - i. Multiple of these facilities throughout the City are in need of concrete repair. Some efforts will be completed in-house, but some will require outside scope work.
3. Bridges and Culverts
  - a. Bridge Asset Management
    - i. A 5-year CIP has been drafted based on the maintenance recommendations provided in the inspection report completed by Stone Engineering.
  - b. Culvert and bridge replacement and maintenance
    - i. Cable Road bridge
      - 1. See above project description.
    - ii. Summit Road Bridge wing wall repair
      - 1. Design in progress
      - 2. Construct in 2023
    - iii. Township Road Bridge deck maintenance
      - 1. Bid opening scheduled for April 6
      - 2. Design in progress
      - 3. Construct in 2023
    - iv. Mill St. Bridge
      - 1. Design in progress
      - 2. Construct in 2023
    - v. Mink St. Bridge
      - 1. Submitted an application for funding through the State Municipal Bridge Program.
    - vi. Creek Road Bridge Maintenance
      - 1. Repair of spalling concrete and adding rip-rap in scour hole.
4. Traffic Signals and Intersections
  - a. Intersection Safety and Capacity Study
    - i. This document forms the framework for long-term planning for intersection improvements.
  - b. Traffic Signal Maintenance
    - i. Current

1. The following is a list of the next 3 semi-major traffic signal control operational equipment maintenance and upgrade projects.
  - a. Install battery back-ups at the following locations:
    - i. Oak Meadow Drive/Vine Street and Broad St.
    - ii. Oxford Drive and Broad St.
    - iii. This equipment is on back order and will be delayed.
  - b. Add advance signal detection at the Broadmoore signal.
    - i. This equipment helps to prevent crashes by extending green times on Broad St. when cars are detected in the dilemma zone.
  - c. Replace controllers at the following intersections to be consistent with the controllers at all other intersections. This helps with spare parts and training/operations to be consistent throughout the City.
    - i. Etna Parkway and Broad St.
    - ii. Mink St. and Broad St.
  
- ii. Annual
  1. Annual signal inspections for 2023 will be scheduled for August.
- iii. Long-term
  1. Major traffic signal upgrades are being planned within the PSD CIP budget as well as seeking opportunities for State and Federal funding assistance.
  2. Taylor Road and Havens Corners Road Intersection
    - a. The proposed PSD CIP for intersections includes commencing design in 2023 for a roundabout at this intersection to be constructed in 2024.
    - b. Note that this was originally planned for Summit Road and Havens Corners, but a reconsideration by our Traffic Engineer, City Engineer, PSD, and Street Committee led to the conclusion that Taylor Road and Havens Corners Road is a better candidate.
    - c. In working with the Street Committee, the PSD will be seeking authorization for a 30% design to make this project more attractive to funding sources.
  3. Broad St. and Taylor Road
    - a. Previously anticipated submitting for an ODOT Safety grant in 2023 for improvements to this intersection; however, it has been determined that this project will not score well under the current guidelines.
    - b. Instead, the PSD CIP reflects a smaller project, making geometrical improvements on the east leg of the intersection, using local funds.
    - c. ODOT recently reached out (January 2023) and will put this intersection on their list for evaluation.

## 5. Facilities

- a. Fuel and brine tank enclosure
  - i. Construction on this project will begin late March or early April
  - ii. Pad and catchments complete.
- 6. Miscellaneous
  - a. Residents
    - i. Speeding
      - 1. The PSD has placed the speed sign in Legacy Estates and is analyzing speeding and traffic volumes along Legacy Lane and Foor Blvd.
  - b. Utilities
    - i. AEP
      - 1. AEP has invoiced the City \$285,000 for the placing electric underground along Main St. as part of the S. Main St. Improvements project.
      - 2. The original Agreement was for \$135,000, and to date, no further documentation of coordination or communication has been provided.
      - 3. A PO was never pulled for this work
      - 4. The amount of \$161,000 has been added to the current Supplemental, from the SR 310 TIF fund, to cover the original amount, plus 20%.
  - c. Right-of-ways
    - i. Mowing
      - 1. Will begin in spring 2023
    - 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:
          - i. Dead trees along Columbia Road removed.
        - b. Trees scheduled to be removed/in progress:
    - iii. Log Jam Removal
    - iv. Tree trimming
    - v. On-going street-light replacement around the City.
    - vi. Snow Removal
    - vii. Fiber optic installation
      - 1. Zayo installing fiber on Refugee Road
        - a. Final restoration in spring
      - 2. Summit IG installing fiber on Summit Rd., Graham Rd., and Mink St.
        - a. Final restoration in spring
      - 3. Summit IG installing fiber on Clark State Rd., Dixon Rd., Havens Corners Rd., and Taylor Rd.
        - a. In progress
  - d. Signs
    - i. Replacing the flashing sign on the viaduct.
      - 1. Received new sign. Will install for this year's winter.
  - e. 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. Sirens observed to all be functional on Wednesday, March 1<sup>st</sup>.
    - ii. Siren inspection occurred in July/August 2022.
      - 1. All issues were minor and have been addressed.



- f. Mosquito Treatment
- g. Development
  - i. Legacy Estates
    - 1. Phase 3
      - a. Residential construction in progress.
    - 2. Phase 4, Section 1
      - a. Accepted, residential construction in progress.
    - 3. Phase 4, Section 2
      - a. Accepted, residential construction in progress.
  - ii. Broadmoore Commons
    - 1. All phases accepted and the subdivision is nearly built out.
  - iii. Reserve at Hazelwood
    - 1. Subdivision built out, maintenance work in progress.
  - iv. Hazelwood
    - 1. Subdivision built out, all maintenance work complete.
  - v. Heritage Town Center
    - 1. Phase 2
      - a. Accepted, maintenance work to be scheduled.
  - vi. Ravines at Hazelwood, Part 3
    - 1. Subdivision built out, maintenance work in progress.
  - vii. Heron Manor
    - 1. Section 1
      - a. Accepted, residential construction in progress.
    - 2. Section 2
      - a. Accepted, residential construction in progress.
    - 3. Section 3
      - a. Accepted, residential construction in progress.
    - 4. Section 4
      - a. Accepted, residential construction anticipated soon.
    - 5. Section 5
      - a. Construction plans approved, infrastructure construction anticipated soon.
    - 6. Section 6
      - a. Construction plans submitted for review
  - viii. Homesteads of the Border Place
    - 1. Section 3
      - a. Part 1
        - i. Accepted, residential construction in progress.
      - b. Part 2
        - i. Accepted, residential construction anticipated to begin soon.
    - 2. Section 4
      - a. Parts 1 and 2
        - i. Construction plans submitted for review
  - ix. Hazelton Crossing
    - 1. Construction plan review in progress.
  - x. Brynn Mar Crossing

1. Construction to begin in late March / early April
- xi. Forest Ridge (Fanin & Deagle)
  1. SR 310 widening and traffic signal plans submitted for review.
  2. Phase 1 plans submitted for review
- xii. Scenic View Estates
  1. Accepted, residential construction anticipated to begin soon.
- xiii. Red Rock
  1. Red Chip Farms, Phase A
    - a. Turn lane construction in progress.
  2. Red Chip Farms, Phase B
    - a. Plan review in progress.
- xiv. Tractor Supply Company
  1. Construction substantially complete, punch list work in progress.
- xv. Thayer/Geiss
  1. Turn lane plans approved, construction planned for spring.
- xvi. Dairy Queen
  1. Substantially complete with punch-list items remaining
- xvii. TPA
  1. Construction in progress.
- xviii. Atlantic Emergency
  1. Punch-list items remain
- xix. Pataskala Storage Improvements, Phase 3
  1. Construction anticipated to commence soon.
- xx. Premium Car Sales
  1. Construction plans in progress.