



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

➤ **Broad Street & Taylor Road Intersection Improvements Project (PSD SVC-21-008)**

1. Current
 - a. At the City's request, on the City's behalf, and with the City's input and involvement, ODOT District 5 paid for, prepared, and submitted a safety application to ODOT Central Office for improvements at the intersection of Broad St. and Taylor Rd.
 - b. On 5/28, the PSD was notified that safety funds for this project were awarded.
2. Scope
 - a. This project will include:
 - i. Geometric roadway improvements including:
 1. An eastbound right-turn lane, which will move the merge to the east of the intersection.
 2. Off-set left-turn lanes to improve turning sight distance.
 - ii. A new signal with mast arms
 - iii. Pedestrian facilities
 - iv. Access management improvements.
3. Budget / Schedule
 - a. The following will detail both the funds awarded by ODOT and the funds currently identified in the PSD budget. Note that it is expected to grow all values by roughly 5% per year to keep up with inflation and reduce the potential for a surprise.
 - b. ODOT funding awarded
 - i. 2025 – Environmental = \$50,000
 - ii. 2026 – Design = \$100,000
 - iii. 2027 – Right-of-Way = \$25,000
 - iv. 2028 – Construction = \$2,117,730
 - v. **Total ODOT funding = 2,292,730**
 - c. Local funding
 - i. The PSD CIP currently has \$550,000 budgeted for the intersection improvements, and another \$115,000 in the Pataskala Safe Travel Plan budget for this intersection.
 - ii. These funds will need to be shifted into the appropriate year to match the ODOT schedule.
 - iii. **Total Local funding = \$665,000**
 - d. **Total of all funding = \$2,957,730**

➤ **Headley's Mill Road Bridge**

4. Current
 - a. Beams are anticipated to be delivered in July and construction will take roughly 1 month once the contractor is on site.
 - b. Bridge was closed on January 5th due to section loss in several beams at the bearing plates causing an unsafe condition.
5. Scope

- a. Replacement of the superstructure.
- 6. Schedule
 - a. Contractor will schedule to be on site once all materials have been procured.
 - b. Estimate for reopening is now August, 2024.
 - i. Updated PSA went out 2-29-24

➤ **Havens Corners and Taylor Road Roundabout (PSD SVC-21-010)**

- 1. Current
 - a. Coordination with the consultant for scope and fee in progress
- 2. Scope
 - a. Plan
 - i. Install a 3-legged roundabout at Havens Corners Road and Taylor Road, including drainage improvements along Havens Corners Road.
 - b. Engineering
 - i. Initial effort will be for a 30%, line, grade and typical plan.
 - 1. With this information, which will include a basic layout and cost-estimate, we will have an understanding of the right-of-way needed for the project as well as be able to form a strategic funding plan.
 - ii. It is anticipated that this would be followed up with right-of-way plans as soon as feasible, and beginning the right-of-way acquisition process.
 - iii. It is anticipated that the PSD will apply for OPWC funding for this project.
 - iv. Final effort will include completion of construction plans.
- 3. Budget
 - a. Funds have been encumbered (but not authorized for expenditure) from previous years' budgets to complete 100% engineering design.
 - b. Funds are available in the 2024 budget for right-of-way acquisition.
 - c. Construction funds have yet to be identified.
- 4. Schedule
 - a. 30% design complete by fall
 - b. Apply for OPWC funding in October
 - c. Complete ROW spring 2025
 - d. Finalize 100% plans in late 2025 (Assuming funds are identified)
 - e. Construct in summer 2026

➤ **Mink Street Bridge Replacement (PSD SVC-23-009)**

- 1. Current
 - a. Subsurface and geotechnical work in progress.
 - b. Preliminary design work expected to commence soon.
- 2. Scope
 - a. Plan
 - i. Replace the bridge on Mink St. that is just north of Havens Corners Road with a new structure that will be able to be expanded in the future.
 - b. Rationale
 - i. The bridge is currently posted with an emergency vehicle load rating and scored a 4 (below average) on the latest bridge rating.
 - c. Engineering
 - i. ODOT will lead the design process to 100% design.
- 3. Budget
 - a. Engineering

- i. ODOT has awarded the City up to \$200,000 for engineering design.
 - ii. \$50,000 in the 2024 budget, as well as additional funds that have been encumbered (but not authorized for expenditure) from previous year's budget. It is anticipated that this will be more than enough to cover any additional fees for which the City may be responsible, but at the time of encumbrance, the ODOT engineering grant had not been established.
 - b. Right-of-way
 - i. \$40,000 in the 2024 budget for right-of-way acquisition (if needed).
 - c. Construction
 - i. Funding has been awarded by ODOT at a maximum value of \$861,541 for up to 95% of eligible costs.
 - ii. \$150,000 available in the 2025 budget for construction, which likely need to be moved to 2026.
- 4. Schedule
 - a. Engineering complete by late 2024/early 2025
 - b. ROW acquisition in 2025
 - c. Construction is currently planned for calendar year 2026.

➤ **Mink Street Garage – New Building (PSD SVC-18-005)**

- 1. Current
 - a. The PSD is currently awaiting a proposal from MS Consultants to act as criteria Architect for the project.
 - i. This is a standard part of a design-build project for a building that was not recognized by the PSD prior to releasing the RFQ.
 - b. The City received 5 Quals packages from interested design-build teams.
 - c. Per the design-build process, 3 firms will be short-listed for cost proposals.
- 2. Scope
 - a. Plan
 - i. Install new building at the Mink St. facility with 3 to 5 truck bays, a dedicated, equipped washbay, office/breakroom space, and laundry facilities.
 - b. Design/Construction
 - i. This is planned to be a design-build project.
- 3. Budget
 - a. Design
 - i. Funds have been encumbered (but not authorized for expenditure) from previous years' budgets to complete 100% design
 - b. Construction
 - i. \$1.00 M in the 2024 budget for construction.
 - ii. Inspection fees are also included in the 2024 budget.
- 4. Schedule
 - a. Design complete by fall 2024
 - b. Construct winter 2024/spring 2025

➤ **2024 Streets Program**

- 1. Current
 - a. Resolution 2024-046 is on tonight's agenda to award the construction contract to The Shelly Company
- 2. Scope

- a. The following streets are planned for improvements in base bid:
 - i. Charles Dr.
 - ii. Daley Dr.
 - iii. Dennison St.
 - iv. Poplar St.
 - v. Emswiler Way
 - vi. Granville St.
 - vii. Mulberry St.
 - viii. High St. (Mill St. to the RR tracks)
 - ix. Summit Rd. (Broad St. to southern corp. limit)
 - x. Municipal Park parking lot
 - xi. Foundation Park parking lot
 - b. The bid value for the alternate bids exceeded the budget value.
3. Budget
- a. Budget = \$1.11 M
4. Schedule
- a. Construct in August

➤ **2023 Streets Program**

1. Current
- a. All work is substantially complete. Due to weather constraints, some punch-list work will not be complete until spring.
 - b. Two deficiencies have been noted to Shelly Company, being the chip seal on Columbia Road and a drainage issue in Barrington Ridge.
 - i. The chip seal on Columbia Road has been reviewed by the Shelly Company and will be reevaluated mid-summer to allow any further degradation, then resealed, as necessary, to address the deficiencies.
 - ii. The drainage issue in Barrington Ridge was addressed on Tuesday, 4/9.
2. Budget
- a. Budget = \$1.15 M
 - b. Project is tracking on budget
3. Schedule
- a. Complete punch-list when temperatures allow (chip seal)

➤ **Vine Street Trunk Sewer Project**

1. Current Items
- a. All pipe work is complete, with punch-list items remaining.
 - b. Paving work is complete, with corrective items outstanding.
 - c. Restoration work will be finalized after paving.
2. Budget
- a. In-house = \$650k
 - b. OPWC funding has been awarded in the following amounts:
 - i. 75% Grant (\$225k) / 25% Loan combination (\$75k)
3. Schedule
- a. Project anticipated to be completed in Spring.

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

1. Current Items
- a. Plans and ROW acquisition in progress.

- i. Right-of-way acquisition from North Valley Bank appears to have come to a resolution and preparation of documents is complete.
 - ii. Awaiting receipt of signed documents from North Valley Bank.
- 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 2024.

➤ **Refugee Road Improvements Project**

- 1. Current
 - a. The intersection of Etna Parkway and Refugee Road closed on April 22nd and is planned to be closed for 60 days.
 - b. The roundabout, and mainline section of Refugee Road, are anticipated to be open on July 1st.
- 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 - 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 July.

➤ **Broad Street Downtown Corridor**

- 1. Current Items

- a. Planning for a 2-phased project approach along with authorizing a 30% design to make the project more attractive to funding sources.
 - b. A meeting with MORPC, ODOT, and the Licking County TID is being planned to discuss feasibility options for funding.
 - c. RFQ advertisement on standby until ODOT, TID, and MORPC meeting occurs.
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. Final plans submitted for review.
 - b. ODOT project pre-con to occurred May 23rd.
 - i. Paving aspect of project, being the paving of Broad St. through the City, will begin in June, with mainline paving scheduled to begin in July.
 - ii. All paving work for the project is scheduled for night work, from 7 pm to 7 am.
 - iii. Some intersection work may occur in 2024, but the full signal installation is planned for 2025 due to equipment lead times and the TIF project.
 - c. Right-of-way acquisition 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 2024.
 - iii. Coughlin has donated right-of-way.
 - 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 has been budgeted for this project in 2024.
- 4. Schedule
 - a. 2024 – Finalize design
 - b. 2024 - Construct TIF improvements
 - c. 2025 – Construct ODOT improvements

➤ **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
 - 2. Dura-patching
 - 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.
 - ii. In progress and upcoming projects include:
 - 1. Dura-patching
 - a. Summit Road
 - b. Mink St.
 - c. Township Road
 - d. Taylor Road
 - e. Melody Lane
 - f. Woodside Dr.
 - 2. Crack Sealing
 - a. Brooksedge East Subdivision
 - b. The Oaks Subdivision
 - c. Oxford Dr. south
 - 3. Berming
 - a. As needed
 - 4. Asphalt Repairs
- b. Alley Maintenance
 - i. Alley trimming complete.
- c. Striping
 - i. Crosswalk and Stop bar
 - 1. Linda Ave.
 - 2. Vine St.
 - 3. Legacy Estates

2. Stormwater Management

- a. Resolution 2024-047 is on tonight's agenda for SpenCo Exc. to install 140' of storm sewer and a catch basin in the alley between Cedar St. and Railroad St. that is adjacent to High St.
- b. 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.

- 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 installation/repairs
 - a. Catch basins added on George St.
 - b. Walnut St. catch basin adjusted to grade
 - c. 200 Green Hollow Road
 - 2. Ditch cleaning
 - 3. Catch Basins
 - 4. Storm sewer maintenance
 - 5. Cleaning, jetting, cameraing
 - a. Jetted on:
 - ii. In progress and scheduled projects include:
 - 1. Tile and culvert installation/repairs
 - a. Cedar St. alley
 - 2. Ditch Cleaning
 - a. Broad St. between Summit and Mink and near Watkins Rd.
 - b. Mink St.
 - 3. Cleaning, jetting, cameraing
 - 4. CB repair at:
 - a. 358 Shawnee Loop S.
3. Bridges and Culverts
 - a. Bridge Asset Management
 - i. After discovering issues such as the Headley's Mill bridge deficiency, the 5-year CIP that was developed with Stone Engineering is being reevaluated, and will be revised for the 2025 budget accordingly.
 - ii. Similarly, Gannett-Fleming, as our current bridge engineering retainer, has been re-inspecting all of our bridges, starting with the lowest rated bridges, and has provided short-term maintenance recommendations.
 - 1. Mill St. bridge will be the next focus.
 - b. Culvert and bridge replacement and maintenance
 - i. Summit Road Bridge wing wall repair
 - 1. Design in progress
 - 2. Construct in 2025
 - ii. Mill St. Bridge
 - 1. Design in progress
 - 2. Construct in 2024
 - iii. Columbia Road Bridge
 - 1. Current schedule is to replace the superstructure in 2030, but will likely be moved up during planning for the 2025 budget.
 - 2. A municipal bridge funding application is anticipated to be submitted for this bridge in 2024.
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. Thoroughfare Plan

- i. The City and our consultant have met with LCATS to coordinate our effort with the Licking County Thoroughfare Plan.
 - ii. Both plans are anticipated to be complete in late 2024.
 - c. Traffic Signal Maintenance
 - i. Current
 - 1. Signal head and tether replacement scheduled for Broad and Corylus signal.
 - 2. The following is a list of the next semi-major traffic signal control operational equipment maintenance and upgrade projects.
 - a. 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.
 - b. 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 and repair for 2024 will be scheduled in June.
 - 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. Broad St. and Taylor Road
 - a. ODOT completed a safety study on the City's behalf that includes short, mid, and long-term recommendations for this intersection.
 - b. A safety funds application has been submitted to ODOT, and a presentation to Central District Office occurred in mid-April.
 - c. Note that our application is the only one for District 5 in this round of funding.
 - d. Results expected in late May.

5. Facilities

6. Miscellaneous

- a. Equipment
- b. Right-of-ways
 - i. Mowing
 - 1. 2nd round of mowing in progress.
 - 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. Green Hollow Rd.
 - iii. Log Jam Removal
 - iv. Tree trimming
 - v. Tree replacement
 - vi. On-going street-light replacement around the City.
 - vii. Snow Removal
 - 1. Done for 2024.
 - viii. Fiber optic installation
 - 1. None in progress currently.
- c. Signs
- d. 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 were observed to be functional on Wednesday, May 1.
 - ii. Annual siren inspection for 2024 will be scheduled in June.
- e. Mosquito Treatment
 - i. First spray anticipated for the week before the Memorial Day holiday.
- f. Parks
 - i. Replaced 300' of split rail fence at Freedom Park
- g. Cemeteries
- h. 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. Reserve at Hazelwood
 - 1. Subdivision built out, maintenance work in progress.
 - iii. 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 in progress.
 - 6. Section 6
 - a. Construction plans approved.
 - iv. Homesteads of the Border Place
 - 1. Section 3
 - a. Part 1
 - i. Accepted, residential construction in progress.

- b. Part 2
 - i. Accepted, residential construction in progress.
- 2. Section 4
 - a. Parts 1 and 2
 - i. Construction plans approved.
 - ii. Pre-construction meeting anticipated soon.
- v. Hazelton Crossing
 - 1. Construction in progress.
 - 2. Turn lane plans in progress.
- vi. Brynn Mar Crossing
 - 1. Pre-construction meeting anticipated soon.
- vii. Forest Ridge (Fanin & Deagle)
 - 1. SR 310 widening
 - a. Widening work in progress.
 - 2. Phase 1
 - a. Accepted, residential construction anticipated to begin soon.
 - 3. Phase 2
 - a. Construction in progress.
 - 4. Phase 3
 - a. Plans approved.
 - 5. Stream Modifications
 - a. Developer is armoring the creek banks as approved by the EPA and ACOE.
- viii. Scenic View Estates
 - 1. Accepted, residential construction in progress.
 - 2. Phase 2 plans submitted for review.
- ix. Red Rock
 - 1. Red Chip Farms, Phase B
 - a. Construction in progress.
- x. TPA
 - 1. Construction complete.
- xi. Premium Car Sales
 - 1. Construction plans in progress.
- xii. 84 Lumber
 - 1. Plans submitted for review.
- xiii. Pataskala Library
 - 1. Construction in progress.
- xiv. Licking Heights
 - 1. Stadium & Bus Garage
 - a. Construction in progress
 - 2. Elementary School
 - a. Plan review complete; however, the PSD is withholding signature until access management issues are addressed.
 - 3. Summit Road turn lane
 - a. Plans in progress.