



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. Letters of Interest submitted Friday, November 1st.
 - b. RFQ scoring in progress
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 the PSD budget 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**
 - e. Construction is scheduled for calendar year 2029.

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

1. Current
 - a. Survey and basemapping work is 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 are currently budgeted as follows for 2026:
 - i. Street fund = \$400,000
 - ii. Permissive Tax (held by County) = \$500,000
 - iii. OPWC = \$400,000
 - 1. An OPWC application will be made in 2025, but there is a good chance that the PSD will budget the full amount of the project from the Street Fund for 2026 when preparing the 2026 budget in 2025.
4. Schedule
- a. 30% design complete in early 2025
 - b. Apply for OPWC funding in October 2025
 - c. Complete ROW in 2025
 - d. Finalize 100% plans in late 2025
 - e. Construct in summer 2026

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

- 1. Current
 - a. Preliminary design work in progress.
- 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.
- 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. Setterlin will be the design-build project lead and we have been working with them to adjust scope to help bridge the gap between the budget and the proposal.
 - b. To get the building that will service the department for the next 20 to 30 years, a total budget of \$2.2M is needed, and to include other preferred features, including the wash bay, \$2.33M will be needed.
 - c. The preliminary discussion about budgeting for this project occurred with the Streets Committee on October 7th.
 - i. Funding scenarios that will achieve value needed have been presented to the Committee, with a follow-up Committee meeting scheduled for November 4th.
 - ii. Using The primary sources of funding will come from 2023 and 2024 savings, bottom line value above the minimum carryover (with cushion) and pushing most equipment purchases back one year.
 - d. Funding is being allocated as part of Supplemental 2024-4487 in accordance with Street Committee discussions.
- 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 in early 2025
 - b. Construct in 2026

➤ **2024 Streets Program**

- 1. Current
 - a. All work complete, with punch-list work scheduled.
- 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. Construction anticipated to begin in late August

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

- 1. Current Items
 - a. ODOT review comments are being addressed and resubmittal prepared.
- 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 2025.

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

- 1. Scope
 - a. Sidewalk and pedestrian facilities in-fill project
- 2. Current
 - a. Part 3 – Sidewalk on Key Boulevard – scheduled for October
 - b. Part 4 – Sidewalk along Main St. south of the Dairy Hut
 - i. This part will require coordination with a resident for removal of a large tree, and is anticipated to be the next location for sidewalk infill.

➤ **Refugee Road Improvements Project**

1. Current
 - a. Project is substantially complete and open to traffic
 - b. Permanent lighting to be installed when materials arrive
 - c. Punch-list work is in progress.
2. Budget
 - a. Project is expected to finish under budget.

➤ **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.
 - i. Considering feasible alternatives, including roundabouts.
 - b. A meeting with MORPC and the Licking County TID project manager occurred on October 10th to discuss feasibility options for funding.
 - i. This meeting led to good feedback and suggestions on previous applications and how to move forward with the project.
 - c. RFQ advertisement on standby until ODOT, TID, and MORPC meeting occurs.
 - d. Anticipate making a MORPC Attributable Funds application in 2026.
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. Coughlin/TIF project plans approved.
 - i. Right-of-way acquisition in progress.
 - ii. Miller Brothers is the selected contractor for the TIF project, as well as the development project.
 - iii. A pre-construction meeting is anticipated to occur in November.
 - b. ODOT project in progress.
 - i. 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.
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. 2024/5 - 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
 - a. Joseph Van Dorn Ct.
 - b. Isaac Tharpe St. (west)
 2. Dura-patching
 - a. Green Hollow Dr.
 - b. Merritt Road
 - c. Dixon Road
 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. Bristol Dr.
 - b. Cleveland Road
 2. Crack Sealing
 - a. Kennedy Rd.
 - b. Mink St. – Broad to Refugee
 3. Berming
 - a. As needed
 4. Asphalt Repairs
 - b. Alley Maintenance
 - i. Planned maintenance complete for 2024.
 - c. Striping
 - i. Crosswalk and Stop bar
 1. Complete for the year
 2. Next year
 - a. Hazelwood Subdivision

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
 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
 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. High St.
 - b. Dennison & Poplar
 - c. Hazelwood Dr.
 - d. Farms Way
 - e. Stonemast Loop
 - f. Edgemont Ct.

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.
- 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. Submitting OPWC Application
 3. Construct in 2025
 - 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 2025.
- iv. Key Blvd Bridge
 1. Received ODOT Municipal Bridge funding for 95% of construction costs up to \$1 million.
 2. The proposed new bridge did not receive funding.
 3. Still investigating options to fund a new bridge.
 4. Anticipate construction on the existing bridge in 2029.
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 occurred in August, and no issues were noted.
 - 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.
5. Facilities
6. Miscellaneous
 - a. Equipment
 - b. Right-of-ways
 - i. Mowing
 1. 6th and final 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. 324 Cottage Grove Circle
 - ii. 121 Barry Knoll Dr.
 - iii. 201 Fauxhall Dr.
 - iv. 320 Mason Glen Ct.
 - v. 272 Monarch Dr.
 - vi. 195 Key Blvd.
 - iii. Log Jam Removal
 - iv. Tree trimming
 1. Brooksedge east, Taylor Glen and Taylor Estates to be trimmed in the near future.
 - v. Tree replacement
 1. The PSD is working with Quality to plant 50 trees in subdivision tree lawns where trees have been removed in the past, or where they will help narrow the cone of vision to help deter speeding.
 - vi. Snow Removal
 1. Truck inspection and maintenance ahead of plowing season complete.
 - vii. Fiber optic installation
 1. None in progress currently.
- c. Streetlights
 - i. On-going street-light replacement around the City.
 - ii. Working with AEP to install new streetlights at unlit intersections as part of PSD CIP SVC-24-003.
- d. Signs
- 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. All sirens were observed to be functional on Wednesday, October 2nd
 - ii. Annual siren inspections for 2024 are in the process of being scheduled.
- f. Mosquito Treatment
- g. Parks
- h. Cemeteries
- i. 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 in progress.
 - 5. Section 5
 - a. Accepted, residential construction anticipated soon.
 - 6. Section 6
 - a. Construction in progress
- 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. Phase 1
 - a. Construction in progress.
 - 2. Refugee Road turn lane
 - a. Construction in progress.
- vi. Brynn Mar Crossing
 - 1. Construction has commenced.
- vii. Forest Ridge (Fanin & Deagle)
 - 1. SR 310 widening
 - a. Widening and signal work complete
 - 2. Phase 1
 - a. Accepted, residential construction anticipated to begin soon.
 - 3. Phase 2
 - a. Infrastructure complete
 - b. Resolution 2024-071 on tonight's agenda for acceptance
 - 4. Phase 3
 - a. Construction in progress
 - 5. Stream Modifications
 - a. Developer is armoring the creek banks as approved by the EPA and ACOE.
 - 6. Phase 4
 - a. Construction plan review in progress.
- 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.
2. Mink St. left turn-lane in progress.
- x. TPA
 1. Construction complete.
- xi. Premium Car Sales
 1. Construction plans in progress.
- xii. 84 Lumber
 1. Construction in progress.
- xiii. 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.