



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. On 5/28, the PSD was notified that safety funds for this project were awarded.
 - b. Kick-off meeting with ODOT occurred on August 27th.
 - c. Participatory Legislation will be forthcoming to authorize ODOT moving forward.
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. Kick-off meeting scheduled for September 10th.
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. RFP's are due Friday, September 6th.
 - b. Added \$300,000 to Supplemental Ordinance #2024-4480 to account for inflation and ensure that the new building meets the needs of the PSD for many years.
- 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 in 2025

➤ **2024 Streets Program**

- 1. Current
 - a. Concrete and chip seal work in progress.
 - b. A chip seal of Graham Road was added to the project, as it was within the available budget and the amount previously authorized by Council.
- 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

➤ **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. Columbia Road received a complete additional layer of chip seal to address deficiency. As Shelly could have tried to piecemeal the repair, additional compensation is being considered due to added value to the City.
- 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 work is complete, but the paving on Linda Ave. is believed to be out of ride quality spec.
 - b. Currently holding back \$15,000 on the contract due to Decker non-performing work that they did not have the authority to non-perform, which led to the poor ride quality on Linda Ave.
- 2. Budget
 - a. In-house = \$650k
 - b. OPWC funding has been awarded in the following amounts:
 - i. 75% Grant (\$225k) / 25% Loan combination (\$75k)

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

- 1. Current Items
 - a. Plans and ROW acquisition in progress.
 - i. All right-of-way has been recorded.
 - ii. Plans are being finalized and sent to ODOT for review.
- 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 1 – Sidewalk on John Reese Parkway – complete
 - b. Part 2 – Sidewalk on Vine Street – complete
 - c. Part 3 – Sidewalk on Key Boulevard – scheduled for after the Street Fair
 - d. 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.
- 3. Budget
 - a. Phase

➤ **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 on 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.
 - 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. Coughlin/TIF project plans approved.
 - i. Bidding in progress.
 - ii. Right-of-way acquisition in progress.
 - b. ODOT project in progress.
 - i. All paving work for the project is scheduled for night work, from 7 pm to 7 am.
 - ii. 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. Cypress Ave.
 - b. Klema Dr.
 - c. Edgemont Ct.
 - d. Refugee Road
 2. Dura-patching
 - a. Taylor Glen
 - b. Spot patches on Havens Corners and Taylor Road
 - c. Melody Lane
 - d. Street sweeping completed in subdivisions
 3. Mastic Application to large cracks
 - a. Trying a new (to us) technology in the following locations:
 - i. Hazelwood

- 1. Oxford Drive Complete
 - ii. Settlement at Pataskala
 - 4. Berm
 - a. Cutting and adding berm where needed throughout the City on a continuing basis.
 - 5. Miscellaneous
 - 6. Asphalt Repairs
 - a. Pothole repair weekly / as needed.
 - ii. In progress and upcoming projects include:
 - 1. Dura-patching
 - a. Township Road
 - 2. Crack Sealing
 - a. Kennedy Rd.
 - 3. Berming
 - a. As needed
 - 4. Asphalt Repairs
 - a. Green Hollow Dr.
 - b. Highland Hollow
 - b. Alley Maintenance
 - i. Planned maintenance complete for 2024.
 - c. Striping
 - i. Crosswalk and Stop bar
 - 1. Complete
 - a. Various stop bar locations throughout the City.
 - 2. In progress and upcoming
 - 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:
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 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. Made a Municipal Bridge Funding Application to ODOT on August 14th to fund replacement of this bridge, and/or construction of a temporary/permanent auxiliary bridge to accommodate replacement.
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 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. Adding to the long-term CIP
 - a. Etna Parkway and Broad Street Improvements
 - b. Columbia Road and Broad Street Improvements

5. Facilities

6. Miscellaneous

a. Equipment

b. Right-of-ways

i. Mowing

1. 5th round of mowing 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:

iii. Log Jam Removal

iv. Tree trimming

1. Plan to trim all summer in areas as needed, starting in late June/early July.

v. Tree replacement

1. The PSD will plan to replace/install ROW trees again this year with part of the remaining tree removal budget.

vi. Snow Removal

vii. Fiber optic installation

1. None in progress currently.

c. Street Lights

i. On-going street-light replacement around the City.

ii. Working with AEP to install new street lights 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, August 7th.

- ii. Annual siren inspections for 2024 are in the process of being scheduled.
- f. Mosquito Treatment
 - i. 3rd spray occurred the week before Labor Day.
- 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 anticipated soon.
 - 5. Section 5
 - a. Resolution 2024-057 on tonight's agenda for Acceptance
 - 6. Section 6
 - a. Construction to begin soon.
 - 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 complete, construction anticipated to begin in September.
 - vi. Brynn Mar Crossing
 - 1. Pre-construction meeting complete, construction anticipated soon.
 - 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. Construction in progress.
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 anticipated to commence in September
- x. TPA
 1. Construction complete.
- xi. Premium Car Sales
 1. Construction plans in progress.
- xii. 84 Lumber
 1. Plans approved
- 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.