



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

➤ **Key Boulevard Bridge**

1. Current
 - a. Resolution 2025-020 on tonight's agenda to authorize ODOT participatory legislation.
2. Scope
 - a. Replace the superstructure on the Key Boulevard Bridge
 - b. Continuing discussions on in-house funding for the new bridge and roadway to provide secondary access to Brightwaters and the WWTP.
3. Budget
 - a. Received ODOT Municipal Bridge funding for 95% of construction costs up to \$1 million.
4. Schedule
 - a. Anticipate construction on the existing bridge in 2029.
 - b. Having the new bridge in place prior to construction on the Key Blvd. bridge will avoid the need to do part-width construction on the Key Blvd. bridge, and subsequently avoid the potential of total closures and trapped residents during construction of the Key Blvd. bridge.

➤ **2025 Streets Program**

1. Current
 - a. Design is in progress.
2. Scope
 - a. The following streets are planned for improvements in base bid:
 - i. Alward Rd.
 - ii. Helen Dr.
 - iii. Christy Lee Dr.
 - iv. Oak Meadow Subdivision, Phase 1
 1. Bristol Dr.
 2. Carriage Blvd.
 3. Dover Ct.
 4. Salem Ct.
 - v. Kylemore Subdivision
 1. Aberdeen Dr.
 2. Killarney Dr.
 3. Edenderry Dr.
 4. Warrenpoint Ln.
 - b. The following streets are planned for the alternate bid:
 - i. Cable Rd.
 - ii. Green Hollow Dr.
 - iii. Greenloch Ct.
3. Budget
 - a. Budget = \$1.0 M

4. Schedule
 - a. Bid project as soon as feasible in 2025

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

1. Current
 - a. Scoping and price negotiations with Kimley-Horn 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. Design checks in progress before releasing stage 2 design.
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. Stage 2 plans 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. Design and utility coordination in progress.
 - b. Resolution 2025-019 is on tonight's agenda to sign an Agreement with LRWD for water and sewer services at the new building.
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 in progress.
2. Budget
 - a. Budget = \$1.11 M
 - b. The project finished \$15,000 under the contract value
 - c. However, the project finished \$130,000 under the total budgeted value; accordingly, and as that value was provided to the project by the Parks and Utility departments, which are on separate PO's, the PSD intends to roll that value over into the 2025 Streets program, which will include parking lot work at Leads Park and Citizens Park.

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

1. Current Items
 - a. Project will be bid by ODOT in May of 2025
 - b. With equipment lead times, the project may commence in 2025, but final completion will be July of 2026.
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 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. Punch-list work is in progress.
- 2. Budget
 - a. Project is expected to finish 5% to 10% 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. Utility work in progress.
 - ii. Right-of-way acquisition in progress.
 - 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. Complete for 2024
 - 2. Dura-patching
 - a. Complete for 2024
 - 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. Licking St. road cut
 - c. Broadway water repair
 - d. Oak Meadow water repair
 - ii. In progress and upcoming projects include:

1. Dura-patching
 - a. Cleveland Road
 2. Crack Sealing
 - a. Kennedy Rd.
 - b. Mink St. – Broad to Refugee
 - c. Miscellaneous road cuts
 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 and are reported as individual projects above
 - ii. Small scale efforts are addressed administratively, with current projects as follows:
 1. Summit Ridge Heights Drainage, Phase 1 (PSD SVC-25-011)
 - a. Perennial flooding occurs in specific locations in this subdivision causing some residential damage and flooding of streets.
 - b. Phase 1 will address the bottleneck that has been discovered between Belz-Warner Blvd and Taylor Road.
 - c. The PSD has been working with residents to get easements donated, which is proceeding well, as the residents recognize the issue and are in favor of the solution.
 - d. The improvement will repair/replace approximately 200' of pipe, including new catch basins, and regrade/restore approximately 150' of ditchline.
 - e. Construction is planned for 2025.
 2. Green Hollow Drive Drainage project (PSD SVC-25-012)
 - a. Project includes replacement of 2 deep culverts and installation of a modified control structure.
 - b. Control structure will create a staged storm water release using an existing creek line where flooding has occurred due to the culvert being overrun with debris and buried.
 - c. Control structure will allow for flow to continue when blockages occur.
 - d. Construction is planned for 2025.
 - 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. 3543 Summit Road
 - 2. Ditch cleaning
 - a. Ditching unit in progress throughout the City
 - 3. Catch Basins
 - a. Dennison & Poplar
 - b. High St.
 - 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. Hazelwood Dr.
 - b. Farms Way
 - c. Stonemast Loop
 - d. 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 proposal to be submitted once Licking Heights turn lane status is finalized.
 - 2. Construct in 2025
 - ii. Mill St. Bridge
 - 1. Design to commence soon.
 - 2. OPWC Application submitted.
 - 3. Construct in 2025
 - iii. Columbia Road Bridge
 - 1. Current schedule is to replace the superstructure in 2028.
 - 2. A municipal bridge funding application is anticipated to be submitted for this bridge in 2025.
 - iv. Bridge to Brightwaters
 - 1. Investigating options to fund bridge in-house.

- a. This will save money and time versus relying on federal dollars which have more stringent environmental and design requirements.
 - 2. The roadway construction is included in the current budget.
 - 3. Anticipated cost for environmental, preliminary design, full design, and bidding for the roadway and bridge is being estimated and will be presented when available.
 - 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 complete 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. Pedestrian Facilities
 - a. Active Transportation Plan
 - i. Current
 - 1. Preliminary study efforts have commenced.
 - ii. Rationale
 - 1. The active transportation plan will identify areas of the City with gaps in pedestrian facilities, prioritize areas for improvements, and identify what those improvements will be.

2. Having an active transportation plan in place is a significantly increases the chance of the City being awarded state and federal funding for pedestrian projects.
 3. The PSD is splitting this into a 2 phased approach. As this was not a budgeted project, the phased approach will allow us to have a basic plan ready to submit for projects in 2025. With phase 2, we will fill in the details with a budgeted project in 2026, and be ready to submit with a full plan in 2026.
- iii. Budget
 1. This effort will be funded using money from the 2024 general engineering, as this was only used lightly by the PSD in 2024.
6. Miscellaneous
- a. Equipment
 - i. Resolutions 2025-021 and 2025-023 are on tonight’s agenda for purchase of a new 1-ton service truck.
 - b. Right-of-ways
 - i. Mowing
 1. Anticipated to re-commence in May 2025
 - 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. Street Sweeping
 - iv. Log Jam Removal
 - v. Tree trimming
 - vi. Tree replacement
 - vii. Snow Removal
 1. Salting and plowing operations in full effect.
 2. As is typical, while maintenance was completed, miscellaneous failures and breakages are being addressed as they occur.
 - viii. 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, December 4th.
 - a. The siren at Kroger experienced a malfunction and we have engaged a contractor for trouble shooting and repair.
 - 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. 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. Resolution 2025-018 is on tonight's agenda for Acceptance.
 - iii. 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.
 - iv. Hazelton Crossing
 - 1. Phase 1
 - a. Resolution 2024-081 on tonight's agenda for Acceptance
 - 2. Refugee Road turn lane
 - a. Construction in progress.
 - i. Will be left with temporary pavement and striping for the winter. A performance bond for this work is in place.
 - 3. Phase 2
 - a. Mass grading operations in progress.
 - b. Full plans submitted, with review in progress.
 - v. Brynn Mar Crossing
 - 1. Construction in progress.
 - vi. Forest Ridge (Fanin & Deagle)
 - 1. Phase 1

- a. Accepted, residential construction in progress.
 - 2. Phase 2
 - a. Accepted, residential construction anticipated to begin soon.
 - 3. Phase 3
 - a. Resolution 2025-017 is on tonight's agenda for Acceptance
 - 4. Stream Modifications
 - a. Developer is armoring the creek banks as approved by the EPA and ACOE.
 - 5. Phase 4
 - a. Construction plan review in progress.
 - 6. Phase 5
 - a. Construction plan review in progress.
- vii. Scenic View Estates
 - 1. Phase 1
 - a. Accepted, residential construction in progress.
 - 2. Phases 2 and 3
 - a. Construction plan review in progress.
- viii. Red Rock
 - 1. Red Chip Farms, Phase B
 - a. Construction in progress.
 - 2. Mink St. left turn-lane
 - a. Punch-list items to be addressed in the spring.
- ix. TPA Parking lot expansion
 - 1. Construction plan review in progress.
- x. Premium Car Sales
 - 1. Construction plans in progress.
- xi. 84 Lumber
 - 1. Construction in progress.
- xii. 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.
- xiii. Meadows at Highland
 - 1. Construction plan review in progress.
- xiv. Scooter's Coffee
 - 1. Construction plan review in progress.
- xv. TS Tech – Cross Dock 2
 - 1. Construction plan review in progress.