



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

➤ **Ordinance 2022-4420**

1. Creation of Assistant City Engineer position
 - a. Schedule
 - i. Create job description - complete
 - ii. Seek PBR approval - complete
 - iii. Seek Council approval
 - b. Position Description
 - i. Title – Assistant City Engineer
 1. While it is a little atypical, being an assistant to a position that doesn't exist, it makes it clear that I am looking for an engineer, which the title assistant service director does not.
 - ii. Details
 1. Prefer to be a young engineer that can assist in all facets of public service dept operations, including:
 - a. Plan reviews
 - b. Construction Administration
 - c. Project development
 - d. Public relations
 - e. Right-of-way permitting
 - f. Project tracking/paperwork/file organization
 - g. Development of construction standards
 - iii. Justification
 1. The PSD position does not have dedicated office support.
 2. Free up time for higher level tasks for the PSD.
 3. Many efforts have fallen through the cracks due to lack of time to address them; including:
 - a. Retention/detention basin efforts
 - b. Speed limit adjustments
 - c. Parking issues in subdivisions
 - d. Records, filing, digification, mapping
 - e. Standard drawings & construction documents
 - f. Code clean-up
 - g. Public relations & outreach
 4. With the increased volume of developments:
 - a. Plan reviews are taking up to 3 months
 - b. Construction issues and items are interfering with the PSD's ability to adequately address City items.
 - c. 18 active development projects
 5. Large scale projects
 - a. Obtaining funding for and managing large scale projects will require more dedicated office time from the PSD, which will place further burdens on PSD time.

- i. Summit & Broad
 - ii. Cable Road Culvert
 - iii. Broad Street Downtown Corridor
 - iv. Vine Street Trunk Sewer
 - v. Summit & Havens Roundabout
 - vi. Refugee Road Improvements
6. The PSD does not have enough resources to meet current expectations, and as the City continues to grow, so does the burden. This additional resource is needed to maintain, and hopefully increase, PSD responsiveness and output.

➤ **Taylor Road Drainage Project**

- 1. Current Items
 - a. Reference checks in progress.
- 2. Project Scope
 - a. Install 1600' of new storm sewer along both sides of Taylor Road from Barry Road to a culvert crossing approximately 800' south of Barry Road.
- 3. Schedule
 - a. Bid opening occurred on March 24th.
 - b. Bids are currently being evaluated; the apparent low bidder is G&G Enterprises.
 - c. Construction is planned for this summer.
- 4. Budget
 - a. The apparent low bid is well below the budget value for construction of \$325,000.

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

- 1. 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. The original project was budgeted in 2021, and the funds from the 2021 budget were encumbered; however, the funds available are not sufficient to cover the cost of the project due to increased material pricing as well as the realization that the N leg of the intersection also needs pedestrian facilities.
 - ii. A request for an additional \$100,000 for this project is included in Supplemental Ordinance 2022-4415.
 - iii. Note that additional funding was not added during the 2022 budgeting process, as at the time, it was looking likely that the City was going to receive "Balderson ear-mark money," that did not actually come to fruition.
 - d. Schedule

- i. Updated design is in progress.
 - ii. It is the desire of the PSD to get this project out to bid by the end of April and construct the project this year.
- e. Current items
 - i. The City has been awarded federal earmark funding. We are working through the details of this with ODOT.

➤ **2022 Streets Program**

- 1. Current
 - a. On tonight's agenda
 - i. Resolution 2022-042 – Construction Administration
 - ii. Resolution 2022-043 – Authorization to Bid
- 2. Proposed streets for 2022
 - a. Base bid for 2022 project includes:
 - i. Refugee Road – Columbia to Etna Parkway
 - ii. Graham Road
 - iii. Homesteads of the Border Place, Phase 1
 - 1. Haystack Avenue
 - 2. Haystack Ct.
 - 3. Straw Ct.
 - iv. Chip Seal on Summit Road
 - b. Alternate bids are:
 - i. Columbia Road, south
 - ii. Chip seal on Havens Corners Road
 - iii. Woodside Drive
- 3. Schedule
 - a. Bid opening scheduled for May 11th.

➤ **Refugee Road Improvements Project**

- 1. Current
 - a. A stakeholder meeting occurred on April 12th to discuss schedule and milestones.
 - b. 2nd IGA will need to move quickly to keep project funding on track with the schedule.
- 2. Plan
 - a. Improve Refugee Road between, and at, the intersections of, Mink St. and Etna Parkway.
 - b. Improvements are anticipated 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
 - ii. On July 14th, the TID completed the following:
 - 1. Received a grant from the State TID board for \$210,000 for ROW acquisition.
 - b. Etna Township
 - i. Anticipated to provide \$3.5M of project funding.
 - c. Pataskala
 - i. Anticipated to provide \$3.5M of project funding.
 - 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. Funding
 - a. The City of Pataskala received project funding from OPWC for the Etna Parkway and Refugee Road roundabout that is part of this project in the amounts of \$300,000 grant and \$100,000 loan.
- 5. Schedule
 - a. Construction planned to be completed by the end of 2023.

➤ **Cable Road Bridge Project**

- 1. Current
 - a. Engineer has been requested to accelerate the schedule as much as feasible to enable construction to occur sooner than later.
- 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, have been encumbered from the 2021 PSD Budget
 - b. Estimated total project cost = \$360k.
 - i. Eng = \$50k
 - ii. Construction = \$285k
 - 1. School contribution for construction = \$150k.
 - iii. CA/CI = \$25k
- 4. Schedule
 - a. Engineering
 - i. Design in progress.
 - b. Construction
 - i. May be able to occur in 2022, but will likely be in 2023.

➤ **Broad Street Downtown Corridor**

- 1. Scope
 - a. Improve the Broad Street Corridor from John Reese Parkway to Oxford Drive to include continuous 5 to 6 lane driving section, Traffic Signal Replacement, Pedestrian Facilities, and bridge widening over the S. Fork.
 - b. Current estimated project cost = \$13 M
 - c. MORPC funding application = \$6.5 M
 - d. ODOT safety funding application = \$5 M (?)
 - e. ODOT TRAC funding = \$1-3 M (?)
- 2. Current Items
 - a. The project actually scored well for MORPC funding, and barely missed the cut off for funding in this past cycle.
 - b. The PSD plans to submit for MORPC AFC funding again in 2022.

- i. The PSD is actively participating in the MORPC Attributable Funds Committee and sub-committee for program scoring criteria evaluation and revisions.
- c. If we can get one funding source on board, the chances of getting another increase.

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

- 1. Current Items
 - a. ROW 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 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.
- 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. Effort to commence in May/June
 - 2. Dura-patching
 - a. Effort to commence in May/June
 - 3. Berm
 - a. Cutting and adding berm where needed throughout the City.
 - 4. Miscellaneous

- 5. Asphalt Repairs
 - a. Pothole repair weekly / as needed.
 - ii. In progress and upcoming projects include:
 - 1. Dura-patching
 - 2. Crack Sealing
 - 3. Berming
 - a. As needed
 - 4. Miscellaneous
 - b. Alley Maintenance
 - i. Gravel to be added to alleys where needed in early April
 - c. Striping
 - i. Plan to stripe Legacy Estates with stop bars and strategically placed crosswalks in 2022.
- 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. Investigated/repaired sink holes at:
 - i. 204 Cedar St.
 - ii. Oxford Dr. and Essex Place
 - iii. Summit Glen Dr. and Summit Road
 - iv. Columbia Road at Broad St.
 - 2. Ditch cleaning
 - a. On Cable Road just west of Mink St.
 - b. On Broad St. at Watkins Rd.
 - 3. Catch Basins
 - 4. Storm sewer maintenance
 - ii. In progress and scheduled projects include:
 - 1. Cleaning, jetting, cameraing and locating storm sewer (Elliot Ditch) between Graham Road and Dixon Road in progress. Coordination with the County for further work is planned.
 - 2. 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 off of 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. Scheduled for 2022
 - 2. Design in progress
 - iii. Township Road Bridge deck maintenance
 - 1. Scheduled for 2022
 - 2. Design in progress
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.
 - 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 to occur in summer.
 - 2. Repair, replacement, and/or maintenance work in progress.
 - 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 2022 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.

3. Broad St. and Taylor Road
 - a. Anticipate submitting for an ODOT Safety grant in 2022 for improvements to this intersection.
 - b. If awarded, construction would be anticipated for 2026.

5. Miscellaneous

- a. Right-of-ways
 - i. Mowing
 1. To commence when the grass starts growing.
 - 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. 2 trees at 35 Broad St. (Summit Station)
 - ii. Dead tree on Columbia Road south
 - iii. Dead tree on Granville St.
 - iii. Log Jam Removal
 - iv. Tree trimming
 - v. On-going street-light replacement around the City.
 - vi. Snow Removal
 1. Hopefully complete for the season.
 2. ODOT Salt program request complete.
- b. Signs
- c. 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 observed to be functioning properly on Wednesday, April 6th.
 - ii. Annual siren inspection was completed in August. No issues were found; all sirens are reported as fully functional.
- d. Mosquito Treatment
 - i. Agreement with the Licking County Health Department for mosquito control for the 2022 season completed.
 1. In accordance with our standard procedure, 3 sprays are planned for the season.
- e. 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. Resolution 2022-041 on tonight's agenda for Acceptance.
 - ii. Broadmoore Commons
 1. Phase I

- a. Accepted, residential construction in progress.
 - 2. Phase 2
 - a. Accepted, residential construction in progress.
 - 3. Phase 3
 - a. Accepted, residential construction in progress.
 - 4. Phases 4 and 6
 - a. Accepted, residential construction in progress.
 - 5. Phase 5
 - a. Accepted, residential construction in progress.
 - 6. Phase 7
 - a. Accepted, residential construction in progress.
- iii. Reserve at Hazelwood
 - 1. Accepted, residential construction in progress.
- iv. Hazelwood
 - 1. Section 5, Part 1
 - a. Accepted, residential construction in progress.
 - 2. Sections 4-1, 5-2, and 6-1
 - a. Accepted, residential construction in progress.
 - b. 1-year maintenance work in progress.
- v. Heritage Town Center
 - 1. Phase 2
 - a. Construction in progress.
- vi. Ravines at Hazelwood, Part 3
 - 1. Accepted, residential construction 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. Construction plan review in progress.
 - 5. Section 5
 - a. Construction plans submitted for review
- viii. Homesteads of the Border Place, Section 3
 - 1. Part 1
 - a. Accepted, residential construction anticipated to begin soon.
 - 2. Part 2
 - a. Public infrastructure work anticipated in the near future.
- ix. Hazelton Crossing
 - 1. Construction plan review in progress.
- x. Brynn Mar Crossing
 - 1. Plan review in progress.
- xi. Meyer Shank Racing
 - 1. Construction in progress.
- xii. Forest Ridge (Fanin & Deagle)

1. Preliminary planning in progress.
- xiii. Scenic View Estates
 1. Construction to commence in the near future.
- xiv. Red Rock
 1. Turn lane plans submitted for review.
- xv. Tractor Supply Company
 1. Construction in progress
- xvi. Thayer/Geiss
 1. Construction in progress
- xvii. Dairy Queen
 1. Construction plan review in progress.
- xviii. TPA
 1. Construction plans submitted for review.
- xix. Atlantic Emergency
 1. Construction to commence in the near future.