



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

➤ **2021 Streets Program**

1. Plan
 - a. Base bid includes: Clark State Road, Town St., The Summit Ridge Heights North Subdivision, and Columbia Road North
 - b. Alternate bids includes: McIntosh Road, Graham Road, Columbia Road South, Foundation Park Parking Lot, and Spot paving repairs at Hazelwood Drive, Oxford Drive, and Connors Avenue.
2. Current Status
 - a. Bidding underway and on schedule as detailed below.
 - b. Note that old, dead, dying trees are currently being removed from Town St. as they will be in the way of the new curb and gutter. New trees will be planted along Town St. after construction is complete.
3. Schedule
 - a. Advertise to bid – April 1st
 - b. Open bids – April 22nd
 - c. Award Contract – May 15th
 - d. Notice to Proceed – June 15th

➤ **Cable Road Bridge Project**

1. Project Summary/Rationale
 - a. The school (Licking Heights) needed to extend this bridge to accommodate their turn lane extension at the old high school in accordance with their traffic access study.
 - b. The City recently found out that this bridge needs to be emergency load rated.
 - c. As this bridge is now derated, the City was planning to put money into repair anyway, and now it will need replaced sooner than later, it doesn't seem to make sense to have the school and City spend a total of \$150k on repair, when we could spend \$300k to replace now.
 - d. Therefore, it is proposed to partner with the school for them to donate the money they had budgeted for extension of the bridge to the City, for the City to run a project to replace and expand the bridge as one project.
 - e. This is a win for the City as we would get approximately 1/3 of the cost paid for by the school and is a win for the school as they are putting money into a long-term project.
 - f. Also of note, is with the emergency vehicle rating, in the event of an emergency at the school, a fire truck may need to take an alternate, longer route to get to the school, which is not ideal.
 - g. The life expectancy for the replacement bridge, likely a 4-sided box culvert, is estimated at 50 years, but these structures frequently outlast this conservative estimate.
2. Budget
 - a. The estimated total project cost from engineering through completion is \$340k.
 - b. In conversations with the school, they are willing to partner on a project to install a new bridge, using the dollars they had budgeted for extension, at roughly \$150k.

- c. The City budgeted \$65k in 2020 for this bridge to complete scour repair. That money has been encumbered, but not spent; therefore, is still available and otherwise unaccounted for.
 - d. The City budgeted \$65k in 2021 to make minor repairs and improvements to another bridge, but those repairs can wait another year without incurring additional cost or reduction in level of service of that bridge.
 - e. To achieve \$340k, we have \$150k from the school, \$130k in the budget, and \$75k from the Supplemental appropriation to cover costs and contingency.
3. Schedule
- a. Engineering
 - i. Proposals have been received and are being reviewed.
 - b. Agreement
 - i. Enter into an Agreement with the school for cost sharing/donation of funds, with a Resolution to Council.
 - ii. In progress.
 - c. Construction
 - i. May be able to occur in 2021, but will likely be in 2022.

➤ **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 funding application = \$5 M (?)
 - e. ODOT TRAC funding = \$1-3 M (?)
2. Current Items
- a. MORPC Attributable Funding application submitted.
 - i. Pataskala was not awarded funding during this funding round.
 - ii. The next MORPC attributable funding application round is in the fall of 2020, at which time the PSD intends to re-submit.
 - b. ODOT Safety Funding Application in progress.
 - c. ODOT TRAC application has been submitted.
3. Schedule
- a. Submit ODOT Safety App in fall of 2021 due to ODOT revised funding schedule.

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

4. Current Items
- a. ROW acquisition in progress.
 - b. 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.

- c. 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.
- 5. Budget
 - a. While project details have not been finalized, it appears that ODOT will fund at least 80% of the project.
- 6. Schedule
 - a. Spring 2020 – Application for ODOT Safety funds submitted.
 - b. 2021 – Begin design
 - c. 2021/2022 – Finalize design
 - d. 2023/2024 - Construct

➤ **Mink Street Phase II Project**

- 1. Budget
 - a. The project is now believed to be on budget.
 - b. ODOT is finalizing the project, but has not released the final numbers.
 - c. Updates will be provided as they are available from ODOT.

➤ **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
 - 4. Miscellaneous
 - ii. In progress and upcoming projects include:
 - 1. Dura-patching
 - 2. Crack Sealing
 - 3. Berming
 - 4. Miscellaneous
 - b. Alley Maintenance
 - c. Striping
- 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
 - 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. Making drainage improvements on Columbia Road ahead of the 2021 Streets Program Improvements.
 - 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.
 - 1. Recently completed projects:
- 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.
- 4. Traffic Signals and Intersections
 - a. Intersection Safety and Capacity Study
 - i. This document forms the framework for long-term planning for intersection improvements.
 - ii. CIP planning and funding scenarios are being developed and vetted through the Street Committee.
 - b. Traffic Signal Maintenance
 - i. Current
 - 1. The PSD is currently working to identify outdated and failing signal control equipment. Money is budgeted in 2020 for this endeavor, and work is planned to continue. This is necessary to prevent signal operation failure.
 - a. Loop detector issues at Etna Parkway and Broad St. have been addressed
 - b. Loop detector issues at Taylor Road and Broad Street have been addressed.
 - ii. Annual
 - 1. As a yearly maintenance item, the PSD has all signals and associated equipment inspected and serviced.
 - iii. Long-term
 - 1. Over the past 2 years, the PSD has identified and repaired or replaced deficient items in the traffic signal system. In 2021, the PSD plans to move from reactive to proactive management, and work to identify signal and equipment upgrades to prevent future problems and optimize signal functionality.

- 5. Miscellaneous
 - a. Right-of-ways
 - i. Mowing
 - 1. Anticipated to commence within next 2 weeks.
 - 2. Mowers have been inspected, and planned maintenance completed.
 - 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
 - v. On-going street-light replacement around the City.
 - vi. Snow Removal
 - 1. Hopefully complete for the 2020/2021 season.
 - 2. Salt order has been submitted to ODOT.
 - b. 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 will be observed to be operational on Wednesday, March 3rd.
 - c. Licking County Health
 - d. 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. Public infrastructure work to commence in the near future.
 - ii. Broadmoore Commons
 - 1. Phase I
 - a. Accepted, residential construction in progress.
 - 2. Phase 2
 - a. Accepted, residential construction in progress.
 - b. Surface course asphalt to be placed in 2020.
 - c. 1-year maintenance work 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. Construction of public infrastructure 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 has commenced.
- vi. Ravines at Hazelwood, Part 3
 1. Accepted, residential construction in progress.
- vii. Hazelwood North – Scenic View Estates
 1. Coordination with the developer is ongoing for planning.
- viii. Heron Manor
 1. Section 1
 - a. Accepted, residential construction forthcoming.
 2. Section 2
 - a. Public infrastructure in progress.
 3. Section 3
 - a. Plan Review in progress.
- ix. Homesteads of the Border Place, Section 3, Parts 1 and 2
 1. Construction in progress
- x. Hazelton Crossing
 1. Preliminary planning in progress.
- xi. Brynn Mar Crossing
 1. Plan review in progress.
- xii. Zoom Car Wash
 1. Construction complete.
- xiii. Meyer Shank Racing
 1. Construction in progress.
- xiv. Forest Ridge (Fanin & Deagle)
 1. Preliminary planning in progress.
- xv. Scenic View Estates
 1. Planning in progress.