



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

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➤ **Town Street Trunk Sewer Project**

1. Project Purpose
  - a. This project is in response to the plugged tile on Vine Street that is causing storm sewer back-ups in the area.
  - b. This project is a long-term solution that will alleviate the need for the over 1000' of storm tile that is currently on private property without easements by installing new storm sewer within the right-of-way to capture the drainage upstream of the plugged section
2. Current Items
  - a. Design
    - i. Engineering in progress.
  - b. Contractor
    - i. SpenCo Excavating has committed to working with the City to expedite this project.
  - c. Legislation
    - i. Ordinance 2020-4361
      1. Emergency Supplemental to fund project construction.
      2. Requesting waiving of 2 readings to keep project moving forward.
      3. Allows materials to be ordered now.
    - ii. Resolution 2020-015
      1. On tonight's agenda to Authorize SpenCo to proceed with ordering structures
  - d. Cost Estimate
    - i. A cost estimate that has been reviewed and revised per comments by Hull & Associates, SpenCo Excavating, and myself is attached.
    - ii. Note that this estimate includes several contingency items. We are trying to be conservative and do everything we can to ensure we consider and capture any possibilities. Effectively, we are planning for the worst-case scenario.
    - iii. This is why the cost estimate reflects, and why we are asking for a higher dollar amount Supplemental than originally requested,
3. Schedule
  - a. The following is anticipated at the March 2<sup>nd</sup> Council meeting
    - i. Resolution to enter into contract with SpenCo Excavating
    - ii. Resolution to enter into contract with PRIME for inspection.

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

1. Current Items
  - a. Project design is in progress.

➤ **Taylor Road Drainage Project**

1. Current Items
  - a. Design is complete.
  - b. Resolution 2020-017 is on tonight's agenda to authorize bidding the project.

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

1. Project Purpose
  - a. Through the process and results of the Intersection Safety and Capacity Study, and working with the Street Committee, it has been determined that the intersection of Broad Street and Summit Road will be first on the list of intersections for improvement.
  - b. Improvements will include:
    - i. Adding turn lanes to the north and south bound approaches.
    - ii. Adding protected left-turn phases to all approaches.
    - iii. Widening the intersection to accommodate a five-lane section on Broad Street.
    - iv. Adding mast-arms and replacing all signal components.
  - c. Challenges
    - i. The City will need to acquire right-of-way to accommodate the improvements.
    - ii. The project will have a significant price tag.
2. Budget
  - a. With the large cost of this project, funding it from within the Street Fund is not a realistic scenario; accordingly, State and Federal funding will be sought.
3. Schedule
  - a. Spring 2020 – Apply for ODOT Safety funds
  - b. Summer/Fall 2020 – Begin design
  - c. 2021/2022 – Finalize design and acquire any necessary right-of-way.
  - d. 2022/2023 - Construct
4. Current items
  - a. Resolution 2020-016 is on tonight's agenda to authorize GPD Group to perform a Safety Study as part of an application for funding through ODOT's Highway Safety Improvements Program and assemble and submit an application for the same.

➤ **2020 Streets Program**

1. Project Scope
  - a. The following streets are planned as part of the base bid:
    - i. Pat Haven Drive
    - ii. Blacks Road
    - iii. Mill Street – Columbia Road to the bridge over the Muddy Fork
    - iv. Creek Road – Bridge over the South Fork to the Corporation Limit
  - b. The following Streets will be designed and included in separate alternate bids
    - i. Mill Street – Main Street to the bridge over the Muddy Fork
    - ii. Columbia Road – Mink Street to Broad Street
    - iii. Columbia Road – Broad Street to Refugee Road
2. Schedule
  - a. Design is in progress.
  - b. Project is anticipated to be ready to bid in early March.
3. Budget
  - a. Planned construction budget is \$650,000

- **Main Street Project**
  1. Current items
    - a. AEP work is in progress.
  
- **Mink Street Phase II Project**
  1. Schedule
    - a. All work believed to be complete.
  2. Budget
    - a. The project is believed to be over budget.
    - b. ODOT has not tallied final quantities, and has not given us an estimated final value.
    - c. Updates will be provided as they are available from ODOT.
  
- **Taylor Road Path Project**
  1. Schedule
    - a. All work believed to be complete.
  2. Budget
    - a. The project is believed to be over budget.
    - b. ODOT has not tallied final quantities, and has not given us an estimated final value.
    - c. Updates will be provided as they are available from ODOT.
  3. Safety Fence
    - a. Work is in progress.
  
- **Oak Meadow Drive Improvements Project**
  1. Current Items
  2. Schedule
    - a. The contractor will return in the spring to finalize the project including grading and seeding, sidewalk, and driveway repairs.
    - b. April-May time frame is anticipated for return, as dry weather will be needed to complete grading work.
  
- **Pataskala Safe Travel Plan, Phases I and II**
  1. Current Items
  2. Schedule
    - a. Punch-list work is in progress.
  
- **Public Service Department (PSD)**
  1. Roadway Maintenance
    - a. The PSD continues to patch potholes and berm as needed. Spot repairs with paving equipment, Potholing, Crack sealing and Dura-patching operations will continue as time and weather permit.
      - i. Recently completed projects include:
        1. Crack Sealing
        2. Dura-patching
        3. Berm
      - ii. In progress and upcoming projects include:
        1. Dura-patching
          - a. Will resume when weather permits in 2020.
        2. Crack Sealing
          - a. Will resume when weather permits in 2020.

- 3. Berming
      - a. Throughout the City as needed.
    - b. Alley Maintenance
      - i. As needed.
- 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 repairs at the following locations:
      - 2. Ditch cleaning
        - a. Using ditching unit to clean ditch-lines throughout the City.
        - b. Improved ditch-line on the west side of Columbia Road north of Refugee Rd.
        - c. Cleaned/improved ditch-lines on Clark State Road
      - 3. Catch Basins
        - a. Raised manholes to grade that were discovered to be covered.
      - 4. Storm sewer maintenance
    - ii. In progress and scheduled projects include:
      - 1. Extend culvert at Havens Corners and Dixon Road.
- 3. Bridges
  - 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.
- 4. Miscellaneous
  - a. Right-of-ways
    - i. Mowing
      - 1. Mowing is complete for 2019
    - ii. Tree Removal
      - 1. The PSD has been, and will continue 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. 228 S. Main St.
    - iii. On-going street light replacement around the City.
    - iv. Snow Removal
      - 1. As needed.
  - b. Traffic Signal Maintenance
    - i. As a yearly maintenance item, the PSD has all signals and associated equipment inspected and serviced.
      - 1. 2020 inspections will be scheduled to be complete by March.
    - ii. The PSD will work toward standardizing equipment at all signals for ease of maintenance and minimization of delays when equipment failures occur.

- 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 were observed to operational at the February 5<sup>th</sup> test.
- d. Licking County Health
  - i. Mosquito spraying
    - 1. 3 sprays to be coordinated with Licking County Health Dept. for 2020.
  - ii. Woodside Drive
    - 1. Septic inspections with residents on Woodside Drive for compliance is in progress.
- e. Development
  - i. Legacy Estates – Phase 3
    - 1. Residential construction in progress.
  - ii. Legacy Estates – Phase 4
    - 1. Public infrastructure work to commence in February
  - iii. Broadmoore Commons – Phase I
    - 1. Accepted, residential construction in progress.
  - iv. Reserve at Hazelwood
    - 1. Accepted, residential construction in progress.
  - v. Hazelwood, Section 5, Part 1
    - 1. Accepted, residential construction in progress.
  - vi. Heritage Town Center
    - 1. Phase 1 - Accepted
    - 2. Phase 2 - Engineering plan review in progress.
  - vii. Ravines at Hazelwood, Part 3
    - 1. Accepted, residential construction in progress.
  - viii. Hazelwood 4-1, 5-2, and 6-1
    - 1. Accepted, residential construction in progress.
  - ix. Broadmoore Commons, Phase 2
    - 1. Accepted, residential construction in progress.
    - 2. Surface course asphalt will be placed within the subdivision in the spring of 2020.
  - x. Broadmoore Commons, Phase 3
    - 1. Resolution 2019-085 is on tonight’s agenda for acceptance.
  - xi. Hazelwood North
    - 1. Coordination with the developer is ongoing for planning.
    - 2. City Administration and Harrison Township representatives have a coordinated and have a mutual understanding for details on work within the Township that is related to this project.
  - xii. Broadmoore Commons, Phase 5
    - 1. Construction in progress.
  - xiii. Heron Manor
    - 1. Engineering plan review is in progress.
  - xiv. Sage Pointe (Summit and Cleveland)
    - 1. Planning is in progress.
  - xv. Truecore Federal Credit Union
    - 1. Construction in progress.

- xvi. Broadmoore Commons, Phases 4 and 6
  - 1. Engineering plan review complete.
  - 2. Pre-con expected in the near future.
- xvii. Broadmoore Commons, Phase 7
  - 1. Engineering plan review is in progress.
  
- f. Parks
  - i. Municipal Park Trail
    - 1. The river has washed out along the walking path bridge.
    - 2. The PSD will coordinate with the Parks Dept. for repairs.
  - g. Community Events and Inter-departmental coordination

**CITY OF PATASKALA OHIO  
TOWN STREET TRUNK STORM**

**CONSTRUCTION COST ESTIMATE**

ITEM NO.	REFERENCE ITEM	UNIT	TOTAL QUANTITY	UNIT COST	TOTAL COST	DESCRIPTION	Notes
	202	LF	850	\$12.00	\$10,200.00	PIPE REMOVED - LESS THAN 24"	Includes 200' abandoned water line removal on Vine Street
	202	EACH	3	\$500.00	\$1,500.00	MANHOLE REMOVED	
	202	SQ YD	20	\$8.00	\$160.00	CONCRETE REMOVED	
	SPEC	LF	420	\$20.00	\$8,400.00	FILL AND PLUG EXISTING CONDUIT	Estimate Walk/Drive remove for lateral repairs
	207	EACH	7	\$65.00	\$455.00	INLET PROTECTION	
	659	CU YD	10	\$50.00	\$500.00	TOPSOIL FURNISHED AND PLACED, 4"	Tree lawn repair
	659	SQ YD	200	\$2.00	\$400.00	SEEDING AND MULCHING, CLASS 1	Tree lawn / yard repair
	611	EACH	6	\$3,000.00	\$18,000.00	MANHOLE, TYPE 3	
	611	EACH	1	\$2,000.00	\$2,000.00	CATCH BASIN, TYPE 2-2B	
	611	LF	250	\$12.00	\$3,000.00	4" CONDUIT, TYPE E, - WITH 304 BACKFILL	Blind Tie Connections to Storm Sewer
	611	LF	25	\$95.00	\$2,375.00	12" CONDUIT, TYPE B - WITH 304 BACKFILL	
	611	LF	590	\$75.00	\$44,250.00	18" CONDUIT, TYPE B - WITH 304 BACKFILL	
	611	LF	630	\$85.00	\$53,550.00	24" CONDUIT, TYPE B - WITH 304 BACKFILL	
	611	LF	50	\$200.00	\$10,000.00	24" CONDUIT, TYPE B - WITH LSM BACKFILL	SR 310 INTERSECTION BACKFILL
	301	CU YD	90	\$300.00	\$27,000.00	ASPHALT BASE	(4" / 6") Base (Side Street / Main Street)
	304	CU YD	115	\$80.00	\$9,200.00	AGGREGATE BASE	6" Base, Alley
	441	CU YD	30	\$350.00	\$10,500.00	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	1.5" Surface
	441	CU YD	30	\$300.00	\$9,000.00	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	1.5" Intermediate
	452	SQ YD	45	\$100.00	\$4,500.00	8" NON-REINFORCED CONCRETE PAVEMENT	ALLEY APPROACH AND SR 310 INTERSECTION TRENCH
	608	SQ FT	180	\$12.00	\$2,160.00	4" CONCRETE WALK	Contingency
	609	LF	40	\$50.00	\$2,000.00	CURB, TYPE 6	Contingency
	801	LF	50	\$175.00	\$8,750.00	6" WATER PIPE AND FITTINGS	Contingency for lowering - Assumed conflict at High Street and
	801	LF	25	\$200.00	\$5,000.00	8" WATER PIPE AND FITTINGS	Contingency for lowering - Assumed conflict at Main Street
	808	EACH	14	\$500.00	\$7,000.00	RELOCATE 3/4" WATER TAP	Contingency - 14 properties
	623	LUMP	1	\$5,000.00	\$5,000.00	CONSTRUCTION LAYOUT STAKES	
	624	LUMP	1	\$7,500.00	\$7,500.00	MOBILIZATION	
	103	LUMP	1	\$5,000.00	\$5,000.00	PREMIUM FOR PERFORMANCE BOND	
SUBTOTAL					\$257,400.00		
5% CONTINGENCY					\$12,870.00		
<b>TOTAL</b>					<b>\$270,270.00</b>		

This estimate represents our Professional Opinion of the Probable Project Construction Cost.

The estimate is taken from the historical bid data provided by ODOT for the year 2020.

For items where historical bid data provided by ODOT was not available, other similar bid data sources were used to determine costs.

In providing estimates of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgment and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of the probable construction cost.



AMERICAN  
**STRUCTUREPOINT**  
INC.

2/12/2020
Calc. KM
Check AJL