



**Public Works Committee of Council**

**Agenda**

**January 14, 2021 – 5:30 p.m.**

**This meeting will be held electronically pursuant to Ohio Revised Code Section 121.221.**

**The meeting can be viewed live at [Facebook.com/MonroeOhio](https://www.facebook.com/MonroeOhio)**

Discussion on projects slated for construction in 2021 and projects for design in 2021

**Slated for Construction in 2021**

- Mason Road Waterline
  - Project is designed.
  - Plans have now been approved by Ohio EPA for construction
  - Anticipated cost is around \$1,000,000.00
  - We are currently working with a firm on Right-of-Way acquisition.
  
- Bicentennial Commons
  - Phase 1B Plans are being reviewed by staff.
  - Hope to have out to bid by end of February
  - Anticipated cost is \$1.5 Million - \$1.7 Million
  
- State Route 63 and Lawton
  - Plans are being altered for a culvert replacement and more roadway improvements due to road deterioration since original design.
  - Also replacing waterline within the scope of the project. Existing main is approximately 55-60 years old.
  - We will be purchasing the traffic poles for the American Way intersection within the next 2-4 weeks. Due to long lead times, this is necessary to meet completion deadlines.
  - Anticipated cost is \$?
  
- Brittany Heights Concrete and Storm Sewer Replacement Project
  - Engineering is complete for project
  - Pending budget approval, \$300,000.00 was placed in the 2021 budget for concrete curb replacement on Wicklow Lane, Tarryton Court, Fox Run Place and Ridgeway Court.
  - Pending budget approval, \$250,000.00 was placed in the 2021 budget for catch basin replacement on Wicklow Lane, Tarryton Court, Fox Run Place and Ridgeway Court.
  - Project is set to advertise on Friday January 15, 2021 and bids will be opened on Friday February 27, 2021
  - If capital funding is approved then a contract will be ready to take to council at the first meeting in March.
  
- ADA Ramp Project
  - Have applied for \$100,000.00 in CDBG money for 2021 program
  - Also waiting on local funding to materialize

- South Union Road
  - The City is working with Warren County on a joint project that will reconstruct South Union Road from Navigator way to Nickle Road.
    - The roadway portion is through the City
    - The waterline portion is through Butler County
      - The City intends to connect to Warren County's water system as a back-up in the event we would lose our feed from Butler County for a period of time. This connection will allow us to feed Park North Business Park uninterrupted.
    - It is not the intent of this project to north of Navigator Way on Union with repairs to the road.
  - OPWC Funding was approved for this project in late December 2020.
  - This is scheduled to go into construction in late 2021.

### **Slated for Design in 2021**

- State Route 63 and Cincinnati-Dayton Road Water main
  - Complete design in 2021 to re-establish a connection under 63 going from south to north. Hope to go to construction in 2022
  - The current line is shut down due to a main break 6-8 years ago.
  - Our system needs this feed back in service to stabilize flow rates north of 63.
  - Project scope is to bore under 63 at East Ave. and run a 12" main up East Ave to Lebanon St and Lebanon St to Main St to tie-in to the 12" main at this intersection
  - Anticipated cost of 2021 design is \$125,000.00
  - Anticipated cost of construction is \$1,300,000.00
- Bridle Creek Drive
  - Design a 12" transmission main on Bridle Creed Drive from Sacket Drive to Gallaher Road.
  - This will give a 12" feed from Cincinnati-Dayton Rd to Park North Industrial Complex which is critical.
  - Bridle Creek Drive would also be included in the 2022 paving program.
- Box Culverts on Todhunter Road
  - There are two box culverts just west of Britton Lane which are in need of replacement
  - Design in 2021
  - Anticipated construction in 2022
- Brittany Heights Concrete Replacement and Paving
  - Prepare in 2021 for a final phase of concrete curb and gutter and drive approach replacement on the remaining streets
  - Replace remaining 25-27 catch basins
  - Pave streets after construction as part of the 2022 paving program.
  - Streets included would be Wexford, Winston, N. Sands, Heatherwood and Penbrooke
  - It is a possibility some of this paving would need to be pushed to 2023 due to paving budget.

## Other Agenda Items

- Storm Water rates
  - Public works in coordination with Fishbeck Engineering has been updating all of the new buildings which have been built within the City over the past 5 years. They also determined how much non-permeable square footage these buildings have.
  - We have developed a budget for our Storm Water Division which is realistic.
  - We are looking at what the rates would need to be to self-fund the storm water enterprise fund vs taking 75% to 80% of the necessary money from the general fund to subsidize the necessary costs of this division.
  
- Water System Model
  - Public Works is working with our water system engineers to update or computer model of our water system.
  - The model is most of the way complete
  - The model has not been updated since 2007
  - It is very important to update and keep up to date the model. It allow us to look at fire flow capabilities, helps us determine where we need to update our system for flow rates to our industrial users.
  - This is a cost that we will want to build into the yearly water budget to maintain this working model
  
- City Engineer
  - Interviews have been conducted
  - Jones-Warner Consultants is the firm that has been chosen to negotiate a contract with. These negotiations are currently on-going and we hope to bring to council in February.
  
- Old Street
  - Plans are designed for the old street entrance into Community Park
  - The entrance to the park will be widened to allow ingress and egress.
  - Storm water runoff issues will be addressed
  - No timetable for construction has been set
  - Looking for Public Works Committee to give input on this project's priority level.
  - If we cannot complete Mason Rd Water Main Replacement this week, would we want to throw this project in since it is shovel ready.

## Public Works Facility

- We would like to start the discussion of the current design of a future Public Works Expansion
  - Currently we have one design that was created in 2019.
  - I would like to work with a company who can do design/build through Source well which is an approved buying group for municipalities. This eliminates the need to take low bid and saves on architectural services.
  - Land is a concern
    - Not really enough land at current site of Public Works
      - Possibly look to purchase 35 acres that adjoins Holman Property
      - Possibly use part of the land for another site for a water tower that is needed on our western quadrant

## **Capital Equipment Purchases for 2021**

Below is a list of equipment that we have asked to be budgeted for in 2021. If funding is approved we would ask the committee to support these purchases when taken before council. They are all needs of the department and further descriptions will be add to future agendas to discuss in detail each item and it's necessity.

### Water Dept.

\$120k Dump Truck

\$60k Skid Loader

\$80k Excavator

\$14k Excavator trailer

### Street Dept.

\$18k Brine machine

\$14k Excavator trailer

\$12k Dump cart

\$25k Asphalt hot box

\$20k ATV

\$195k Large Plow truck

\$155k Mid-Size Plow truck