

# MINUTES

## PUBLIC WORKS COMMITTEE

### MARCH 7, 2022

#### Attendees:

Daron Stephens, Engineer  
Mike Flynn, City Manager  
JoEllen Reed, City Commissioner  
Kitty Strode, City Commissioner

Pat Clark, Public Works Director  
Dianna Layne, Deputy City Clerk  
Shanda Cecil, Planning Department  
Jonathan McCracken, Integrated Engineering

**NEXT MEETING – Monday, April 4, 9:30 AM, in the Training Room.**

**MINUTES** – Shanda made a motion to approve the February 7, 2022 minutes; Kitty seconded. Minutes approved.

#### **STORMWATER ISSUES**

- **Integrated Engineering Updates** – Jonathan McCracken was present to give an update on several stormwater projects:
  - **Wall Alley, Maple & College** – There are flooding problems at the intersection of Wall Alley and an unnamed alley off Maple Street. There is no way for the water to run off except a pipe system. Integrated videoed the pipes and found that the piping system of one alley goes under a couple of homes on Maple Street (408 and 416), and the pipe is damaged in several areas. They considered a 25-year flood event and looked at pipe sizes, water shed, etc. Everything has been mapped, with a suggested alternative to run new piping that ties back into an existing manhole at the intersection of College Street and an alley. This would put a new storm sewer system south along College to Wall Alley where most of the flooding is occurring.

There are two considerations with stormwater: inlet capacity and pipe capacity. This alternative will provide new piping and downstream sizing will control it. The size of the existing pipe is 24". The size of the new manhole downstream is 24". They looked at the 25-year storm event. What will this do at that manhole? The amount of stormwater coming to that is more than 24" pipe can handle. There will still be some minimal ponding, but it will go down significantly quicker. It will not be completely dry when it rains. Just west of Boone Avenue is where the crest is on Boone; so we come in on the side that runs down to Town Branch. This has been modeled, and it is anticipated it will not flood the people downstream.

To eliminate the ponding, you would have to replace all the pipe from College Street to Town Branch (3,000-4,000 feet of pipe). With the 25-year storm event, the elevation will be 984. There is a 985 contour in some of the back yards on map CE3. It will keep the water out of the basements. They have preliminarily proposed a pipe going to an inlet in the back yard at the intersection of Wall and the unnamed alley, for which an easement would need to be obtained.

With the financial parameters they were given, this is the best solution. The total estimate is \$665,316. More work will be required for contract documents, etc. There

will be administrative fees on top of the estimates. Grants are not typically available for these types of projects.

There is one other alternative. There is a documented sinkhole at Wall Alley and the unnamed alley. We could look at hiring a geotechnical engineer to drill down in this and do an injection well. This could be a better option, but it could be a much riskier option. You don't know what kind of problems you might run into.

Mike asked Jonathan to: 1) tidy up the drawings; 2) put addresses on the drawings; 3) talk to some structural engineers and make some suggestions for under the houses; and 4) prepare to go to the City Commission in a 4:30 p.m. meeting to present the project. Integrated will also prepare a fee proposal. Timeframe for this project: 1,250' of pipe would take 90-120 days.

- **Barlow, Holiday, Estes** – The CCTV work has been completed by Buchanan Contracting. Integrated is working on modeling the existing conditions and trying to come up with solutions to eliminate flooding.
- **North Main** – They have completed the survey and will begin engineering. They are potentially looking at a curb and guttering system to collect the stormwater and run it down the street to the creek.
- **Palmer Engineering Updates** – Palmer is doing a study for Buffalo Trace. Stephanie Blain is working on that one, as well as Town Branch and Vaught Road. We hope to have something to present before we meet again.
- **Town Branch** – The plans for the Maple Street side (Family Dollar) are being prepared. Mike just met with WMU regarding the sanitary sewer; a piece needs to be relocated. It's called a syphon sewer, and we are trying to get rid of it. The design of the storm sewer is very difficult. We are moving it out from under Family Dollar, and there are lots of utilities and other things to take into consideration. In addition, we have been waiting on Mr. Cartwright to sign the documents. Once that is done, we can schedule a closing date. Then we can get contractors to bid the demolition of that building so we can start the repairs. The paperwork has taken a few weeks longer than it should have, and this has placed us behind schedule. We will design a retaining wall at the back of the Cartwright building to hold the parking lot and other facilities up.

## **PROJECT UPDATES**

- **Columbia Gas Installation/Replacement of Lines** – Daron met with them on site last week. They are replacing gas lines between the railroad bridge and Veterans Memorial Parkway, starting this week or next. All residents have received letters that were very informative. In about six months, Columbia Gas will send the same flyer out again to the area they will start at that time.
- **FY2022 Concrete Services Update** – Just finished in front of 39 Main Street. The intent is to start the bulb-outs on Main Street and Lexington Avenue. Chad Rogers and Daron will look it over to get some direction for how to do cuts. He will pave it back after they finish.
- **Farmers Market Update** – They have three columns left to put the cap block on the top. Started the sidewalk replacement along Main Street. Have the lower roofs taken down and doing some work on the main roof inside the silos. Mike went up in the boom lift, and the lumber on the inside of that structure looks almost brand new. Allen Contracting have been walking on the roof, and it is solid. Everyone agreed with putting Sphar & Co. back on just one side of the silos (not all four sides). We are not going to put anything else on the silos.

Kitty mentioned that the flower boxes are going to have to be moved so they sit with the pedestals.

- **Jett Drive Storm Sewer Update** – Allen Company is rolling along with this project. They have to set the manhole covers across from Art’s property and put the riser on that manhole. One manhole structure did not come in with the others and should be delivered today. They should be done with everything but paving by Wednesday or Thursday. Arlen’s only complaint is with Andy and Anthony Slone, who told him that the City was going to fill in his back yard.

## NEW BUSINESS

- **Grant Application for a Low Impact Development/Beautification Project on the corner of Winn & Mutual Avenues** – Shanda feels it is important when we can get rid of impervious pavement and beautify an area. She has found two grants (Sekisui \$1,000 and Kentucky American \$5,000), which would include pulling out all concrete, adding topsoil, grass and three trees, at a cost of \$11,000. Robert Shearer wants \$2,500 for the lot, but we may be able to negotiate that down a bit. Shanda also plans to call a couple other businesses to see if they will donate to the project. The trees will be paid for by the Tree Board.
- **Tree in Right-of-Way at Alabama and Calloway** – Daron received two quotes to remove this tree and grind out the stump – one for \$900 and one for \$1,200. Permission was granted to go with the \$900 quote, which will also include planting a tree back.
- **Review Poynterville Alleys for Related Improvements** –Anthony Grisby attended a City Commission meeting and asked about improving the alleyway between 5<sup>th</sup> Street and 4<sup>th</sup> Street. We have already committed to constructing the cul de sac on 5<sup>th</sup> Street and putting gravel on the alleyway between 5<sup>th</sup> and 6<sup>th</sup> street. We are not prepared to look at other alleys at this time. We don’t see where there is a need.

## GENERAL COMMENTS

- **422 Pearl Street, Angela Berry** – Ms. Berry contacted JoEllen about someone constructing a large box on her property. It was AT&T putting in fiber optic cable. The right-of-way on Pearl Street is only about 2½ feet, and this box is approximately 4’ off the road. AT&T does not get easements; they assumed the right-of-way was 5-6’. Daron contacted Terry Bailey, who is over contractor work for AT&T and he is going to look at this and see what they can do. The cabinet has a 3-4’ pad under it. AT&T needs to talk to Ms. Berry and try to acquire a right-of-way easement.

**ADJOURN** – Shanda made a motion to adjourn; JoEllen seconded. Meeting was adjourned.

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Daron Stephens, Chair

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Dianna Layne, Deputy City Clerk