

## Public Meeting- Bargraves Detention Basin

Monday, April 4, 2022, 7:00pm



An informational meeting for the public was held in City Council Chambers on Monday, April 4, 2022, at 7:09pm, led by City of Troy Engineer, Tom Cissell.

Mr. Cissell briefed attendees on the issues with the Bargraves Detention Basin and the proposed solution. This solution should also help to resolve issues with Zenk Culvert. He presented a slideshow to explain the project (slideshow is attached).

The city council will be considering three resolutions later tonight regarding the detention basin improvements. The first is a request for Madison County Community Development Block Grant (CDBG) funds, in the amount of \$100,000. The second and third resolutions are a "Fair Housing Resolution" and a resolution "Authorizing the Continuing Support of the Americans with Disabilities Act Transition Plan". These last two resolutions are required for CDBG grants, when applying for HUD federal grant monies.

The Bargraves Basin, put in when State Route 162 was widened, has one large pipe outlet. This was common back then. Now, the city installs two-stage pond releases (a small outlet on the bottom and a large outlet on top), to handle small (2-year storm) and large (100-year storm) amounts of rain.

The city plans to enlarge the pond/basin, modify the outlet structure, increase the size and reroute the Briarwood Drive storm sewer into the Bargraves Basin, and increase the size of the Buckeye Drive storm sewer. These actions will increase storage capacity of the basin, and decrease flow by 25 percent. It will also alleviate flooding issues at the Bargraves/Briarwood and Bargraves/Buckeye intersections.

Residents of Schurwood Drive are also affected by flooding issues caused by deficiencies at the Bargraves Basin and Zenk Culvert. The scour hole, which used to be at Zenk road, was ripped and taken care of. According to one of the attendees, the problem has moved north, and is creating a new scour hole. There is now erosion occurring north of the culvert and the newly placed riprap. Mr. Cissell said that the 25 percent reduction of flow at the Bargraves Basin should provide some help with the problem.

The estimated cost of the project is \$235,000; \$135,000 if the city receives the \$100,000 in grant funds from Madison County.

Mr. Cissell asked attendees to complete the survey/comment forms before they leave.

The meeting adjourned at 7:29pm.

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