

Public Service Committee Minutes

April 19, 2010

The meeting was called to order by Chairman Reams at 7:00 p.m.

MEMBERS PRESENT: Mark Reams, Dan Fogt, Deborah Groat

OTHERS PRESENT: John Mitchell, Valerie Klingman, Jenny Chavarria
Ryan Horns – Journal Tribune

AGENDA:

1) Project Updates

- Sanitary Projects

Industrial Parkway/Rt. 42 Sanitary Sewer –

This project is about 70% complete and should be finished by the end of May. Everything is progressing well without any major issues. This is an ARRA EPA 50% funded grant project.

K-Mart lift station removal gravity sanitary sewer project -

The lift station at K-mart will be removed and gravity sanitary sewers will be installed. This project has been awarded, and the contractor has spent the last six weeks working on de-watering the start up area around the tie in at the TIP manhole. Contractor will be asking for an extension with no price increase to complete the project, which the city will grant. This is an ARRA EPA 50% funded grant project.

Main St. lift station removal gravity sanitary sewer project –

Taking the Main Street lift station off line and installing all gravity sanitary sewers. We have received the final plans and are preparing a schedule to bid, however, we are still working on finalizing obtaining an easement from Marysville Estates trailer park. We have received a verbal agreement on the easement and are waiting for the signed documents to return from the property owners. We do have time constraints on an easement with the Champaign Landmark Company so we do not disturb their property during harvest season. We are working on the schedule.

Southwest Trunk Sewer Phase II Design –

This is only the design phase of the remainder of the Southwest Trunk Sewer as it is going to Weaver Road, SR 736 and onto the Southard Rd. lift station. Preliminary design/layout and cost estimates should be completed in the next one to two months. There is no current funding available for any of the next phases.

Water Reclamation Facility -

There are just a few outstanding items on this project. The facility has been in operation for one year in March. Crosses Run pump station is up and running. No major issues with either place.

- Water Projects

Scottslawn Waterline project -

This is a water main replacement project, installing a 16 inch main replacing an 8 inch from Industrial Pkwy to city limits at the Job Ready site. The contractor should be finishing the pipe installation by the first of May, and restoration will follow with final completion by mid to end of May. This project is funded by the Job Ready Site.

Ninth/Cherry St. Water main replacement projects –

The contractor has started on Ninth Street and is currently moving along after just starting at the Grove Street intersection. Once Ninth Street is complete, the contractor will start on Cherry Street. These two projects are funded by an OPWC Grant, zero percent interest loan.

Scott Circle Water main replacement project –

This water main replacement project replaced an old cast iron non/cement lined main and was installed by the Water Division Distribution staff and completed and in service by mid March. Restoration is being performed currently and should be finished in two weeks.

Locust Street Water main replacement project –

This water main replacement project on Locust Street between Sixth and Seventh Streets replaced an old cast iron non/cement lined main and was installed by the Water Division Distribution staff after they

completed the Scott Circle water main project. The water main has been installed and placed in service. A couple of service laterals need to be installed along with lawn and street restoration.

New Water Plant Design & Distribution System Improvement Design

We continue to refine the design and costs of the alternative treatment types along with the distribution system design improvements. It's a long process. Probably 20% of the way, with a year and a half to go on the design of the project.

Mr. Fogt asked what kind of purification system is being looked at? Mr. Mitchell said they're looking at a couple. One is the current system, lime soda softening, and comparing that to reverse osmosis nano filtration membranes. There was a nano filtration membrane but it had micro filtration up front. Have discounted that because it's very expensive. He noted you don't get that much more with the micro filtration up front as opposed to either pressure vessel sand filtration or just a standard rapid sand filtration. Have different issues with looking at what to do with the waste stream with both processes.

Mrs. Groat has heard that replacing salt softener in homes is environmentally friendly. She asked if that is an option on a bigger scale. Mr. Mitchell said that there are miniature nano filtration membranes out there. Campers use those. It's a reverse osmosis using pressure and separating the ions from one another. You get clean water, called permeate, then the concentrate which is full of TDS or total dissolve solids. The waste is the TDS. Mrs. Groat asked what the city does to remove the TDS. Mr. Mitchell said you can either run it to the wastewater plant, which is not a good option because it takes up capacity and it's a long way to get it there. Also looking at blending it into the creek with some reservoir water. Also looking into a deep-well injection. They inject the concentrate back into the ground at about 3500 feet deep. All options are permitted by EPA.

Water Reservoir/Dam Pumping Station –

We have been finalizing any outstanding issues with the operations of the pumping station controls as we pumped and filled the Reservoir this past winter. We have been utilizing the Reservoir water for the

past month to treat and produce our final drinking water, which has reduced our chemical treatment costs significantly, about 400%.

Fladt Road Water Tower Painting –

This project is for the interior painting of both the wet and dry areas of the interior sections of the water tower. The project is currently being advertised and out to bid, completion is for later this fall. No one will be inconvenienced while this project is going on.

Water Main Replacement/Abandonment –

This project is on Plum and Fifth Street. A new main will be installed down Plum and eventually a new one down Walnut, so service laterals can be run over to Plum and Walnut. This is being done prior to the streetscape project. Work to be performed by Water Division staff starting mid-May.

Mr. Reams asked about the low-head dam removal. Mr. Mitchell said that is not scheduled, but it's on the radar though. Plans are to use the same company utilized for the one at wastewater. They did a good job and were fairly inexpensive. He said it will probably be done in August when flows are down. He'll double check. Deadline for removal is December 2010.

- Paving Projects

Scottslawn Entrance widening –

This project involves the design, bidding and awarding a construction contract to widen Scottslawn Road at the entrance to the Kelly Swartz Center building. This project has received an ODOD grant for the project and involves a center double left turn lane in both directions. The design consultant has been given the scope of the project, and we are finalizing the project design cost with them. Hope to start construction late summer, but still be constructed in 2010.

State Route 36 Paving –

Final resolution was received from ODOT on April 12th.

Paving will be from the west side of US 33/36 interchange to 0.10 miles east of Mill Creek Drive. The project will begin in spring of 2011. Majority of this project will be funded by ODOT. City will perform some in-kind work on the project.

State Route 4 Bridge rehabilitation -

Final resolution was received from ODOT on April 12th.

The project will consist of replacing the deck and approach slabs on the SR 4 Bridge over US 33, also replacing the backwalls down to the beam seats, patch piers and abutments and seal concrete surfaces.

ODOT will be working with us to provide some aesthetic details and a sidewalk on one side of the bridge as part of the project. We will be working with ODOT through the design process. The project is tentatively scheduled for summer of 2012. Only cost to the city would be to add conduits to the bridge for lighting. City has not yet made a decision on that.

- Traffic Study

Streetscape Fifth Street –

This project is located on Fifth Street between Plum and Walnut Streets and involves the extension of the streetscape to the East. This work will add brick accents to the sidewalk, street lighting, improve curbs, crosswalks and sidewalks, place conduits under the sidewalks for utilities and traffic signal cables.

Walnut Street Traffic Signal –

In conjunction with the Streetscape project, the signal will be replaced with a mast arm signal that will match those currently in the Uptown Area. This work will include the addition of pedestrian crossing signals at this intersection. This is being funded by the OPWC. As a part of the traffic signal, will have the up-to-date pedestrian flashing lights and signal heads with the count-down timers. Mr. Fogt asked about the handicap feature for the visually impaired. That item has not been discussed for this crossing but will look into it.

Rts. 31/33/4 Safety Study –

We met with ODOT to discuss next steps since we did not receive safety funding. ODOT discussed the possibility of assisting with some counter measures such as high friction surface course and improved signage. We will continue to work with ODOT on this issue.

- Storm Water

Storm Water Phase II NPDES Permit –

The required annual report for the MS4 permit was submitted on April 1, 2010. We are currently working to finalize our City storm water manual. This manual includes the regulations for anyone who is going to be doing work in the city.

Industrial Parkway Three Culverts –

We have returned comments on the design back to the consultant. The next submittal should be final design. Then we would move to get the project bid for construction.

Miscellaneous

Mrs. Klingman gave an update on the JRS Project. City has asked for an extension which will take us to the end of December 2010. This is a result of a meeting with the Austin Group, who is working with the state to get the site certified. Out of that meeting, it was decided there were studies and additional surveys that were needed, and it was not possible to get those done by the June date, thus the reason for the extension. These studies are being paid for by the property owners. They are wetland delineations, archeological type studies and geotechnical type studies.

These studies are required in order to get the site certified. The rest of the elements of the project are moving forward.

Mr. Fogt noted that originally that property was going to be used for the CSX Intermodal yard and they did a lot of those studies already. He thought that some of those studies may be public information. Mrs. Klingman said some studies cannot be used from the past; it has to be something that's within a certain period of time of the work being completed. She will check into it.

Mr. Fogt asked, with the widening of the road at Scotts, would it ever get to a point where it would justify a stop light there? Mrs. Klingman said she doubted it in the current configuration because you have to meet warrants, and she didn't believe it would meet warrants with just the two parking lots.

Mr. Fogt confirmed that the widening of Scottslawn Road, west of Industrial Parkway, is on hold. Mrs. Klingman agreed. Mr. Fogt noted all the potholes in the road. Mrs. Klingman said there is no funding to pave that road at this time.

Regarding CDBG money, Mr. Fogt asked if it had been assigned. Mr. Mitchell said in 2011, Ninth Street, where they're doing water line, has been selected as the project. This year the money is being used on the streetscape. Mr. Fogt said several years ago the money was used to pave alleys. He noted the alley behind Trinity Church and School. It's been in poor condition for a long time. Mrs. Klingman said the money can only be used within a certain area. It's uncertain if the alley is city-owned or privately owned. She will check.

Mr. Reams noted crossing arms are being installed outside the city, on Dog Leg and on Westlake-Lee Road. He asked about maintenance on the crossing at Raymond Road. It's getting pretty rough. Can we talk to CSX to get them out there to do maintenance. Mrs. Klingman will talk to someone at the county, as well as talk to CSX.

Mr. Fogt mentioned crossing arms at Industrial Parkway.

The meeting adjourned at 8:00 p.m.