

WATER COMMITTEE
OCTOBER 12, 2011
MINUTES

MEMBERS PRESENT:

Pete Frisina, Chairman
James K “Chip” Conner, Vice Chairman
Brian Cardoza
Tony Parrott
Jack Krakeel

ABSENT:

NON-VOTING MEMBERS:

David Jaeger
Stephen Hogan, WASA

GUEST:

The meeting was called to order by Chairman Pete Frisina at 8:00 A.M.

I. APPROVAL OF MINUTES FROM THE MEETING ON SEPTEMBER 14, 2011.

Vice Chairman Chip Conner made the motion and Tony Parrott seconded, to approve the minutes from the meeting on September 14, 2011. There was no opposition.

II. LAKE MCINTOSH UPDATE.

David Jaeger presented slides showing an overview of the lake construction. He pointed out the area where the spill way will be constructed, the contractor has removed all of the surcharge pad, and they are basically down to sub grade where the concrete spill way will be built. He pointed out the wave outlet channel which is protected by rip rap. He showed where the creek is diverted through the pipe and then downstream.

Mr. Jaeger explained that the pump station area is now under construction. Looking at the construction site from the Fayette County side, showing the spillway across what will be the dam, he pointed out the area where the channel protection has been done. He showed an aerial photo that was taken before that work was actually done, so it does not show on the photo. He showed another slide that shows the area where the rip rap has been placed. The stilling basin is where the energy is dissipated as the water comes over the weir wall, drops into the stilling basin and loses its energy and then comes out the channel.

He showed a drawing showing the construction of the stilling basin. He described the direction of the water flow, the slab, the vertical wall, the turn down area, and the turn down area on the downstream end. The purpose of the turn down is to anchor the stilling basin into the soil as well as to provide a boundary or containment for the other drainage system. The under drain system is composed of aggregates that allow any water that will be seeping up through the sub grade soil

materials to enter the aggregates and then be piped out of the area. He said the first work that is being done on the spillway is to build the two turn downs, the downstream turn down and the upstream turn down. He pointed out what the level of the water would be once the lake is full.

Mr. Jaeger described the construction of the turn downs; the down stream turn down is basically a narrow trench that was excavated. There is form work along the upper edge to give it a clean upper edge; the side walls of the trench are just soil. The steel is pre-tied out on the ground surface in sections, and then lowered in and anchored into place. The first thing they did on the upstream turn down was excavate a wide trench and then pour lean concrete in the bottom to create a mud mat. The reason for that is that this wall is much higher and needs to be more stable so they have to actually form the pour; this gives them a good clean dry sub surface to work on instead of working directly on the dirt. The steel was pre-tied on the job site. The bars are close to two inches in diameter.

Mr. Jaeger said they are continuing to do clearing. The buffer areas along the stream still have not been cleared. They are working in the eastern branch, which is the area adjacent to the golf course. He showed a photo with a pile that has been accumulated on the Coweta County side; previous to this recent weather they were limited by the weather being too dry. They were not allowed to burn, even though it was after October 1.

Walking Trail Bridge

Mr. Jaeger explained that there was discussion with the Southern Conservation Trust that we would have two bridge locations. They had arranged for the bridge at one spot to be constructed by the Boy Scouts. Originally we had a price from the contractor to construct two bridges at about \$4,900.00. He said he went back to the contractor with a little bit more elaborate concept for the bridge and had him price that to just build a bridge at the ravine location. Mr. Jaeger pointed out this location on the slide. They added hand rails, and beefed up the construction of the bridge slightly; the price for a single bridge now is \$3,500.00.

Renovation of Pump Station

The renovation of the pump station is now under construction. Mr. Jaeger showed the concept view of the pump house; the idea is that we are demolishing the top of the existing pump station, raising it up and then building the new pump platform and then the enclosure. He showed an overhead view of the site; the dam runs from the northeast to the southwest. On the Fayette County end of the dam, a new gravel entrance road will be constructed into the pump house. The existing pump station that is there will be raised up and reconfigured to be a lake withdrawal. The first item of work the contractor will do is demolition of the old station which is basically to remove all of the existing equipment, and piping. He said most of that was gone by the time this photo was taken. They cut out the top slab of the pump station, removed the hand rails, etc. and removed some of the old piping that is down below.

Once they get that cut out, they then have to drill and grout rebar into the existing wall in order to extend it vertically.

Twenty Inch Raw Waterline

In addition to the pump station, Mr. Jaeger said there is a project to relocate the 20" raw waterline. That project is being done by the airport; he said he is providing oversight on it for the Water System. He showed an overview slide that shows the alignment of the new raw waterline. He pointed out the area of the old easement where the waterline went previously and the airport extended to a point beyond that. This is the new alignment along the access road. He showed photographs of the construction, the access road is in place; it was put in prior to the dam work beginning.

a. LINE CREEK TRAIL RELOCATION.

Mr. Jaeger explained that the northern most bridge is needed because the ravine is deeper, and it is more complicated and difficult to access. He said that he asked the dam contractor to give us a price to build that bridge. He said based on the concept drawing the cost is \$3,500.00. Mr. Parrott commented that because we are doing this with the project, but really it is separate because it is Peachtree City's property, and it is Southern Conservation Trust; we need to recommend it to the Board and let the Board approve it. There is not a funding problem; we are spending money on Peachtree City's property for Southern Conservation Trust and the Board needs to approve it. The Board previously approved relocating the walking path, and we would have added bridges to it, had we known. When you walked on the old path, you did not know that you needed two bridges.

Mr. Parrott made a motion to recommend to the Board of Commissioners to approve the dam contractor build the bridge over the ravine at a cost of \$3,500.00. Vice Chairman Conner seconded and there was no opposition.

Mr. Parrott mentioned another item about Southern Conservation Trust's request to come across the county property on a corner. The committee discussed leasing a portion of the property or granting an easement. A recommendation needs to be made to the Board of Commissioners on this item. Mr. Jaeger agreed to prepare a plat showing where the trail may cross and the area that will be defined for them to lease and the committee will discuss this at the next meeting.

III. BID OPENING – FENCE REPAIR AT MITIGATION SITE.

Mr. Jaeger explained that we had some storm damage to the fencing that was installed at the Danielly-Waggoner mitigation site. Much of that fence has been repaired since, by the adjacent property owner where it abuts his property. There remained about 3,000 feet of fence that did not abut Mr. Sebrans property. That still has storm debris on top of it. He said that we bid out that portion of the work, had three contractors that have solicited bid packages from us; as of the day before

yesterday, told us they would all be bidding. Two of the three actually showed up at bid day; Trammell-Horton being the low bidder at \$20,290.00. Trammell-Horton is the contractor that installed the fence the first time. They are familiar with the project and actually visited the site after the storm so they are aware of what is going on out there. He said their original price in the original contract for the four foot hog wire fence is \$4.00 per foot. The price here is \$6.33 per foot, but it does include the clearing of the storm debris so that cost came up a little bit. He said he does not see a problem with that. He said he had to correct a math error in their bid, which was about a \$10.00 difference in the total bid price.

Mr. Jaeger stated based on the need to do the work, the familiarity with Trammell-Horton and the overall bid price, his is comfortable with recommending that Trammell-Horton be given the project.

Vice Chairman Conner made a motion to recommend to the Board of Commissioners to award the bid to Trammell-Horton in the amount of \$20,900.00. Brian Cardoza seconded and there was no opposition.

Mr. Parrott commented that we spent an extra two weeks trying to get more bidders. He stated that this is a mess because of the damage from the tornado; this is not a typical fence job. Mr. Jaeger said they contacted every bidder that has bid on our past fencing projects; we contacted other contractors that had similar equipment and might want work and extended the bid advertisement period an additional two weeks, trying to allow more time to generate interest. We ended up with three people that indicated they wanted to bid and two of the three actually bid.

Mr. Parrott commented that all the construction at the wetland sites is completed. The water usage is a little higher than it would be traditionally, but we are still providing the City of Fayetteville with 8% of our water production. He said that Lake Horton is over eight feet low, Lake Kedron is seven feet low, and Lake Peachtree is one inch low.

There being no further business, Chairman Pete Frisina adjourned the meeting at 8:25 A.M.

Peter A. Frisina

The foregoing minutes were approved at the regular Water Committee meeting on the 9th day of November, 2011.

Lisa Quick