

PUBLIC WORKS COMMITTEE

JUNE 21, 2011

3:20 P.M.

Chairman Rico called the meeting of the Public Works Committee to order, with Councilpersons Ladd, Gilbert, Robinson, Scott, Benson, Murphy and McGary present. City Attorneys Michael McMahan and Melinda Foster and Shirley Crownover, Assistant Clerk to the Council, were also present.

Others present included Dan Johnson, Paul Page, Johnny Feagans, Fire Marshall Whitmire, Daisy Madison, Larry Zehnder, Richard Beeland, Jana Lowery, Lee Norris, Steve Leach, John Lyons, Gary Hilbert, Jerry Stewart, Dennis Malone, Joachim Volz, Bill Payne, John Bridger, Jim Templeton, Mo Minkara, Tony Boyd, Fredia Kitchen and Ulystein Oates. Randy Ray, Attorney Freiberg, Dickie Hutsell and Stan Sewell joined the meeting later.

On motion of Councilwoman Ladd, seconded by Councilman Murphy, the minutes of the previous meeting were approved as published.

Adm. Leach began with **Ordinance 6(a)**, an abandonment for Judy Norris of a portion of the unopened 3500 Block of Occonechee Trail at 552 Intermont Road. This is in the Manchester Park area. Mr. Payne added that it has been through the Planning Commission and Public Utilities are requesting no easements.

Resolution (d) awards a contract for miscellaneous sanitary sewer manhole adjustment for TDOT Resurfacing Projects to Professional Concrete Finishing, Inc. in the amount of \$64,450 with a contingency amount of \$6,500 for a total amount not to exceed \$70,950. This is on Bonny Oaks. Mr. Payne added that it is State Route 17—Willow between Main and Third; that TDOT does not pay—only for sanitary manholes.

Resolution (e) is a Change Order with H & H Brown, Inc., Improvements to Oxygen Generation System at Moccasin Bend Wastewater Treatment Plant, decreasing the contract amount by \$16,350.04, for a revised contract amount not to exceed \$633,806.35. Mr. Payne added that this is the final reconciliation.

Resolution (f) authorizes a Change Order with Consolidated Technologies, Inc., New Airport Road Pump Station, Force Main and Airport Connector Sewer, increasing the contract amount by \$17,500 for a revised contract amount not to exceed \$210,650.00. Mr. Payne added that this is the final change order and is needed because of additional RPR services and construction delays due to abnormal weather and airport clearances.

Resolution (g) authorizes a change order with Mayse Construction Co, Inc. relative to the New Airport Road Pump Station, Force Main and Airport Connector Sewer, decreasing the contract

amount by \$3,926.59, for a revised contract amount not to exceed \$1,172,910.91 and releasing the contingency of \$100,000. This reconciles scope issues.

Resolution (h) authorizes Amendment No. 1 to the engineering agreement with Consolidated Technologies, Inc. for a five-year financial analysis and cost of service study relative to wastewater services, increasing the contract amount by \$9,500 additional services required, for a revised contract amount not to exceed \$84,000.00. Mr. Payne noted that a representative of CTI was here for questions.

AGENDA ITEMS FOR JUNE 28, 2011

Ordinance First Reading 6© is abandonment of a sewer for Volkswagen Group of America, located in the 8000 Block of Volkswagen Drive. This is for a pedestrian bridge. Mr. Payne explained that the sewer was put in when the bridge was an unknown item, and it is now necessary to relocate some of the utilities.

Resolution 7(b) increases the amount of a blanket contract with Civic Engineering & Information Technologies, Inc. by \$26,002.50 for additional Cityworks support services required. This is to develop interface. Mr. Payne explained that it was originally a blanket contract and was not to exceed the additional services needed; that it was necessary to increase the limit.

Resolution 7© authorizes an agreement with Talley Construction Co., Inc. relative to Shallowford Road at Jenkins Road Intersection Improvement in the amount of \$1,498,382.67, plus a contingency amount of \$150,000.00, for a total amount not to exceed \$1,648,382.67. This is for the round-about at Shallowford and Jenkins. Mr. Payne stated that the amount on the agenda is the correct amount; that this is part of Fiscal Year 2012 Capital Request; that we are trying to get ahead of TDOT's contract; that traffic will be maintained in the area.

Councilman Benson noted that this was to begin August 1st. He asked if this was before the road construction begins? Mr. Payne stated that he was assuming that August 1st is the starting date.

Councilman Gilbert asked if this road would be shut down during Fall break? Mr. Payne responded "for one week" or nine days; that there would be lots of detours and traffic will have to maneuver a lot.

Resolution (d) authorizes an agreement with TDOT relative to the maintenance of State highways in an amount not to exceed \$339,179.70. Mr. Payne stated that this was the annual contract with TDOT; that the City agrees to perform maintenance and then we are reimbursed. Councilwoman Scott asked if the amount allocated covers all the maintenance that we do on

the roads or if we would wind up spending more? Mr. Payne stated that we would spend this amount and then get reimbursed. Councilwoman Scott stated that she knew we would spend this amount of money, but she wanted to know if there would be more money over and above or if this amount would generally take care of everything. Tony Boyd explained about pot hole repairs, and Mr. Payne added that any damage from a catastrophe is not considered maintenance.

Resolution (e) authorizes a contract with Arcadis, Inc. to develop Green Infrastructure Run-off Reduction Standards in an amount not to exceed \$1,545,235.00. Mr. Payne explained that this is a contract RFQ for green infrastructure; that three sections are listed; that this is a new standard for run-off and landscaping will be put in place to absorb water. This should be completed by December of 2012 to design standards. He mentioned three major things; that that there would be a public participation component, and they would be working with RPA and the Office of Sustainability. There will also be a technical group of local engineers involved. He noted that there was a lot of resistance to this, and we needed to identify opportunities and constraints. He talked of an Economic Analysis to make sure that the developers and owners understand the value and the new standards. He noted that major tasks would be completed using an EPA Water Quality Scorecard; that there would be a development of a manual for anyone to use. He explained that this information would be on-line, as well and people would not have to read just a big paper manual. He noted that we would be drafting codes and ordinances to be reviewed by the Staff and the City Attorney's Office.

Councilman Murphy stated that he had no problem with the contract; that some of these things already exist such as guidance for engineers. Mr. Payne agreed that this did have to be engineered—that this is one of the current things that people resist; that they will help explore possibilities and set up a design process; that they will steer one in the best direction possible. He noted that this was specific to Chattanooga.

Councilwoman Scott questioned if this type of project had not been done before for clay soils, if there was any way we might think of to allow for a copyright fee for other areas to be able to benefit so that they would not have to reinvent the wheel, which would be a good thing. She asked that this be considered when things are being created; that we could tell others who to contact if they wanted this information.

Councilman McGary stated that he had a question about cost breakdown, noting that ten tasks were listed, and he specifically wanted to know about Tasks 8, 9, and 10; that Task 8 is a modification of city codes at a price of \$115,000, noting the Stormwater Ordinance was \$78,000. He also wanted to know what constitutes public outreach that was mentioned?

Mr. Payne stated that Task 8 is more about the technological side; that codes have to be reviewed, drafted, and expedited by the City Attorney's office; that we will supplement this with City Staff.

Councilman McGary asked if we would be paying them for research? Mr. Payne responded that standards are based on their expertise—that it is not about research; that we will be taking our codes and manual and blending them together and make edits as the first draft. Councilman McGary questioned why we had a separate Task 9—that he thought the tasks should be the same. Mr. Payne explained that the Stormwater Ordinance is the “meat” and additional items outside are separate; that the Stormwater Ordinance is the key as far as TDEC is concerned. Councilman McGary again questioned what constituted public outreach? Mr. Payne explained that we would provide exhibit material at meetings; that there would be information and power points that would be used in meetings. Councilman McGary asked if there would be literature to disperse to the public? Mr. Payne responded that there was nothing this specific; that it would be the responsibility of the City Staff to get through this process and to create brochures. He noted split funding in the Residential Request Form.

Resolution (f) authorizes a contract with Arcadis, Inc. to develop Green Infrastructure Retrofit for the Brainerd Corridor to satisfy Task 1 of TDEC Order in an amount not to exceed \$275,000. Mr. Payne stated that this was the first step—a Preliminary Engineering Report. He stated that Arcadis was here to give background. He went on to say that in January of this year, we were required to pay fines or be penalized; that in April of this year we submitted a proposal for Green Infrastructure, and it was approved by the State; that the overall project consists of three Tasks—one is the Strategic Plan, the second is Design and Engineering Drawing and third is the educational and outreach component; that we have to do retrofits to promote compliance. He stated that we had to get through Task 1 first; that we will sit down with major stakeholders for technical items and economic analysis and have an agreement to participate in the next level. He noted that there would be enhancements on Brainerd Rd.—that this was a new concept for TDOT, as well.

Councilman Murphy noted that Brainerd is flat and drains into South Chickamauga Creek. Mr. Payne agreed. Councilman Murphy stated that it would all be going to South Chickamauga Creek one way or the other; that further down South Chickamauga Creek, we have the Tennessee River. He questioned if we had looked at bottomlands as part of the stormwater management? Mr. Payne mentioned Friar Branch. Councilman Murphy asked if East Ridge and Georgia were upstream and was told “yes”. He stated that if we slow the flow, we may help with the flooding situation elsewhere. He also wanted to know if any of this is served by combined sewer and was told “no”. He stated that as we go forward, we should be looking at the combined sewer footprint; that it could help us, and we should look at this for future projects.

Mr. Payne stated that we were looking at combined sewer but not for this project; that EPA had ordered some as we move forward with green infrastructure. He reiterated that this is being looked at.

Councilman Murphy questioned MS4 not including combined sewer footprint? Mr. Payne responded that MS4 is part of the sewer system citywide; that there are no outfalls in combined sewer. Councilman Murphy still felt that it would help with the combined footprint. Mr. Payne stated that he would have to get back with him on the funding piece; that we were looking at the technical pieces.

Councilman McGary asked if in response to the EPA mandate, if we would have to pay a third party vendor or if we could give this to ourselves? Mr. Payne explained that it is not money we can pay ourselves; that the payment involved is to someone else. Councilman McGary went on to look at Task 2 and the breakdown to stakeholders. He asked if RPA would hire an independent coordinator? He stated that he was concerned that the cost breakdown is \$80,000 and if we hire an independent facilitator, what are we getting? Mr. Payne explained that they would do more than develop an agenda; that three sub-tasks are part of Task 1. Councilman McGary still wanted to know what we are paying for? A representative of Arcadis explained that RPA would set up the meetings and host them and then would hand over the microphone to them, and they would run the meetings.

Mr. Payne stated that as far as the facilitator goes—do we try to do this on Staff or RPA or is it Arcadis—that as controversial as stormwater is, that we need the implementation of Arcadis' type of work; that the perception of the public is that the City already has an agenda. He stated that this facilitator would be paid for out of Water Quality funds. Councilman McGary agreed that this was understandable; that if RPA found it necessary to hire someone independent, who would pay? Mr. Payne stated that this was necessary as we go through this process; that the payment is from the Water Quality fee and not paid to Arcadis.

Resolution (g) is a temporary use of a right-of-way at 432 Market Street for the installation of outdoor seating. Mr. Payne explained that this was a new restaurant, and they wanted to have outdoor seating, and the sidewalk is wide enough.

Resolution (h) authorizes a contract for the Chapman Road Drainage Improvements to Thomas Brothers, Inc. in the amount of \$1,421,567.60, plus a contingency amount of \$142,156.76, for an amount not to exceed \$1,563,724.36. Mr. Leach stated that this was an addition to the agenda and was a fairly large drainage basin with drainage problems.

Mr. Payne expressed appreciation to the Chairman for allowing them to add this. He explained that this system is undersized, very flat, and the amount of inventory involved is significant, and businesses have sustained losses. He stated that temporary detours would be built in and liquated damages in three stages. He reiterated that this is a significant drainage project and will reduce flooding.

Councilwoman Ladd stated that she was glad to see this; that she had gotten a lot of calls from car dealers, who were on the verge of losing their insurance; that one business had even

considered relocating to Cleveland but because of this project, he would stay here; that we need to keep businesses in Chattanooga—that this is our Water Quality Fee at work; that this should get flooding straightened out.

Councilman Benson stated that he would echo what Councilwoman Ladd had said; that this was long overdue and people had just been holding on. He asked when this would be started? Mr. Payne stated that they were working for August 1st as the starting date and would work during August and September; that it was a 120-day contract and a four month project.

Councilman Murphy asked where the water would go? Mr. Payne responded “into Friar’s Branch”, prompting Councilman Murphy to say that this is ironic—that in one case we are slowing water down and another speeding it up. He asked if there was anyway we could not dump more water quickly into Friar’s Branch? Mr. Payne explained that this was on individual sites, and it was more difficult to ask car dealers to plant more trees because of birds in trees that would prompt car washes—that this was not something they would rush to do.

The meeting adjourned at 4:15 P.M.