

PUBLIC WORKS COMMITTEE

June 10, 2008

3:00 P.M.

Councilman Rico, Chairman, called the meeting of the Public Works Committee to order with Councilpersons Bennett, Page, Benson, Robinson, and Berz present. Councilmen Pierce and Gaines joined the meeting later. City Attorney Randall Nelson, Management Analyst Randy Burns, and Shirley Crownover, Assistant Clerk to the Council, were also present.

Others present included Richard Beeland, Gary Hilbert, Jerry Stewart, Adm. Leach, Lee Norris, Dan Johnson, Karen McMahan, Alice Cannelli, Adm. Zehnder, Daisy Madison, Lee Norris, Dennis Malone and Mike Patrick. Chief Cooper, Sgt. Weary, and Chief Parker joined the meeting later.

INTERCEPTOR SEWER SYSTEM REPORT CARD

Chairman Rico called on Mr. Jerry Stewart to give this report.

Mr. Stewart stated that he was present to tell the Council what goes on at ISS; that he had with him Alice Cannelli and Mike Patrick. Their motto is "Clean Water—The Clear Choice". Mr. Stewart made the joke of "We treat what you eat". He showed a picture of the Moccasin Bend Wastewater Treatment Plant, stating that this is the City's only manufacturing facility and that they are Chattanooga's No. 1 Recycler. They are open 24 hours a day for 365 days a year and have a 140mgd treatment capacity.

He proceeded to go over the Moccasin Bend Permit Compliance, noting that their points had gone up from 4299 to 4391 in the last two years with 7 Non-compliance permits. He noted that they were 78% in compliance. The volume treated was 21.8BG in the year 2007. As far as land application, they grow corn, cattle and hay. It was important to mention that no biosolids went to the landfill in 2007, and the value to farmers is approximately \$5.23 million in nitrogen and lime. He added that they provide hay for camels at the Zoo. He went on to discuss the Collection Sewer System, noting that there were 67 Pump Stations, 8 CSO Treatment Facilities, 184 Residential Grinder Stations, 28,908 Manholes, and 1239 miles of sewers, with 70 miles being combined sewers. He noted that they also do smoke testing.

Some of the Sewer Maintenance issues are the number of lines cleaned, the footage replaced, lines sealed, and lines smoke tested. The smoke testing shows leaks in the Sewer System. He showed a picture of the Highland Park Pump Station, noting that they have to be error free every day. He proceeded to go over the Sanitary Sewer Overflows (SSO's), noting that the total in 2007 was 106. This includes blockage and collapsed lines and some overflows that are non-weather related. The overflows in easements were 41 for the year 2007. He noted that this Sewer System dates back to 1890, consisting of brick, concrete, clay and then PVC's. The Sewer System was built out in 2001. The emphasis now is on improving sewer and pump station maintenance and rehabilitation of old sections of sewer systems. He showed a picture of the Williams St. CSO.

The Combined Sewer Overflows (CSO's) that were treated in 2007 were 67—none went untreated. The total treated volume was 112.6 million gallons. The Notice of Violations with Penalties was 5 in 2007. He talked about the Fats, Oil, and Grease Program (FOG), with 895 inspections in 2007, with 47 being in non-compliance. This involves restaurants. He showed a picture of a gas line through a sewer line and also a picture of grease buildup where greases plugs up the lines. He noted that they were going to try to initiate a program to teach residents about pouring grease in cans in their homes. He showed a picture of roots that act as a strainer and also a picture of corrosion that had cost \$200,000 to repair.

Councilwoman Bennett asked what triggered these overflows? Mr. Stewart responded that they were doing inspections on this. He went on to show a picture of a pipe with multiple cracks and a broken pipe; also a dropped pipe joint and an obstruction in the service line. He provided a picture of a rootball entering the sewer pipe from the service line and also a picture of debris—mostly gravel and sand. He even showed a picture of a telephone pole that was pulled out from the sewer system on Charlotte Avenue.

Mr. Stewart next went over things to come, mentioning Quality Management Practice, Regulatory Compliance, Better relations with interested parties and Environmental Performance Certification in 2008. Also, there is an EPA National initiative to eliminate CSO's and SSO's, Hydraulic Sewer Modeling, Equipment and Maintenance Reliability Program, and Odor & Corrosion Control. He again noted that they have to bat 1,000 every day.

Councilwoman Bennett asked if they were using any biosolids on Williams Island? Mr. Stewart responded “yes”—that this is a good control experiment, and they wanted this to be ongoing. She asked about the quality of the biosolids and would they be improved? Mr. Stewart responded that they have no salmonella, etc.

Councilwoman Berz noted that Mr. Stewart had referred to a Public Education Program, which was on the drawing board. She stated that she thought this was a great idea. Mr. Stewart stated that this would be in the next month or so—that he wanted people to understand that they are producing a quality product. Councilwoman Berz assured him that he was doing a good job and needed to brag about this. She thanked him for his report.

AGENDA ITEMS FOR JUNE 10, 2008

Adm. Leach proceeded to go over agenda items, beginning with **Resolution (f)** on tonight's agenda that authorizes an Agreement with Earthworx, LLC relative to Contract No. S-06-009-103, Chattanooga Combined Sanitary System (CSS) Mapping, in an amount not to exceed \$675,000.00. He noted that we have 70 miles of combined sewers, and this is Phase III of the process. The next will be Hydraulic Modeling. **On motion of Councilwoman Bennett, seconded by Councilwoman Gaines, this will be recommended for approval by the entire Council.**

Councilwoman Berz stated that she had heard a lot about mapping, especially in Hickory Valley. She wanted to know if this was a global term? Adm. Leach responded that he would let "Dixie" talk about this—that there are two Phases. "Dixie" explained that mapping is a special type of survey—that they have a very unique and robust data base. Councilwoman Berz asked if once the whole system is mapped, would they would be able to pinpoint "fixes"?

Councilman Benson asked about "modeling". "Dixie" responded that they were doing hydraulic calculations for future expansion.

Councilwoman Berz wanted to know if this would complete the mapping? "Dixie" responded that it would complete the Storm Combined Area. Councilwoman Berz wanted to know if when they get a good system of mapping if they would be ready to do the "fixes"?

Councilman Page wanted to know something about the technology of separating sewers from stormwater? Mr. Stewart explained that they have to completely re-do a separate; however the technology is the same, involving screening and sedimentation; that to do capital replacement is too expensive.

"Dixie" used as an example—Market Street, which is a Separation Project and very complex and causes a disturbance of traffic—that the logistics add to the complication.

Resolution (g) authorizes an Agreement with Webster Environmental Associates, Inc., relative to Contract No. W-08-002, Comprehensive Odor Assessment Study Downtown Combined Sewer Overflow Area, in the amount of \$75,000.00, plus a contingency amount of \$10,000.00, for a total amount not to exceed \$85,000.00. It was explained that this is field evaluation of odor.

Mr. Stewart added that they did an Odor Assessment at Moccasin Bend, and this was Odor Assessment in the downtown area. He explained that they got accused of being the source, and this was not necessarily so—that the odor could be coming from dumpsters; that they were using deodorant blocks and making an assessment to see what they could do. **On motion of Councilman Page, seconded by Councilwoman Gaines, this will be recommended to the full Council for approval.**

Councilman Rico wanted to know if they were taking into consideration the chicken plants? Mr. Stewart responded that they were just trying to take care of what belonged to them. Councilman Rico wanted to know how they could separate the odors? Mr. Stewart responded that he knew what a sewer smelled like and also what chicken plants smell like.

AGENDA ITEMS FOR JUNE 17, 2008

Resolution 7(f) authorizes acceptance of a payment from Parks Mills Properties 2, LLC in the amount of \$14,519.73 to NABCO Electric Company (City's Contractor) for installation of traffic signal at Manufacturers Road and Greenlife Groceries. Adm. Leach noted that this was the second payment. **On motion of Councilman Benson, seconded by Councilwoman Bennett, this will be recommended for approval to the entire Council.**

Resolution 7(g) authorizes an Agreement with SECOR to provide Environmental Services (Phase 2) for the Summit Landfill. The scope of the work will provide: Pre-field Activities, System Inspections, Surface Monitoring, Gas Flare System Stack Testing, Verification of System Compliance, and Miscellaneous Support Services (as needed). The total amount is not to exceed \$55,000.00. This is the second phase of Gas Migration in the Collegedale Area.

Mr. Stewart added that they finished Phase I on Thursday of last week and had sent out letters; that they did 350 inspections and got through this quickly. He gave credit to the newspaper and media for being very positive. He noted that they found nothing, which was what they thought—that there were two or three steps to the whole process.

On motion of Councilman Page, seconded by Councilwoman Robinson, this will be recommended for approval to the entire Council.

Dennis Malone was present to mention two items that will be on the agenda for June 24th—one being TDOT's paving of Cherokee Blvd. He explained that we would use this contract to enter into a contract with Highway, Inc.—that these two items will be brought together on June 24th for approval.

Councilwoman Bennett noted that she was getting calls on the speed and asked if anything would be done to slow the traffic down? Mr. Malone responded that she would have to ask John VanWinkle about this.

Councilwoman Robinson wanted to know if they would be careful around the brick work? Mr. Malone responded that they would be removing bricks. Adm. Leach mentioned that bricks have a tendency to pop-up. He went on to say that they would have another Public Works committee meeting in two weeks on this.

Councilwoman Robinson wanted to know when this work would be done? Mr. Malone responded that TDOT would start in late July, and the City's work would be done in advance, earlier in July. Councilwoman Robinson wanted to know the total time involved on Cherokee and Frazier? Mr. Malone responded about three weeks; that paving would take a week or two. Councilwoman Robinson asked about traffic maintenance? Mr. Malone responded that the crews would be working at night.

Adm. Leach asked about adding this to the agenda? Attorney Nelson responded that it needed no special treatment—that it was still two weeks out.

MAYOR'S LIBRARY TASK FORCE—CONSULTANT AGREEMENT

Adm. Leach stated that **Resolution (h)** on tonight's agenda authorizes the Mayor to enter into an agreement with the consultant team of June Garcia and Susan Kent to work with the Mayor's Library Task Force in assessing the current library system and making recommendation for future enhancements in an amount not to exceed \$50,000.00. He called on Karen McMahon.

Ms. McMahon explained that the Mayor's Library Task Force was initiated last Fall and that Jim Kennedy, III is the Chair Person; that during the time they had convened, most of the time was used in fact finding and trying to make the Task Force work more effectively and efficiently, and they needed Library expertise. She stated that they had gotten six responses but that this team was professional and came with recommendations with no reservations. She stated that their product could be enhanced with outside help. She provided a Proposal for the Revitalization and Expansion of the Chattanooga-Hamilton County Library that was prepared for the Office of the Mayor by Susan Kent and June Garcia. This Proposal is made a part of the minute material of this date. Ms. McMahon added that they were still negotiating with a "not to exceed" amount; that there could be minor changes.

On motion of Councilwoman Robinson, seconded by Councilman Benson, this Resolution will be recommended to the full Council for approval.

Councilman Benson stated that when he first heard about this that he misunderstood; that he thought we were giving our money, and it was not being matched by the County; that he now understood that this was Mayor Littlefield's committee and not a situation of joint money; that he had thought it was a perpetuation of the County not sharing in the expense and had not gotten the whole story. He stated that this is really to look at the situation, and we don't have an inequity. He added that we have had bad experiences with consultants—that we have had to sue them for not doing a good job, and he hoped we would be careful with this.

Councilman Pierce stated that he did not hear Ms. McMahon's opening statements, but he understood that this was a committee set up to study the Library. Ms. McMahon confirmed that it was started last Fall. Councilman Pierce wanted to know if this committee had responded as to funding?

Mr. Kennedy responded that they did not have any funding.

Ms. McMahon explained that the Mayor's charge to them was to think in a visionary way with the Library System—to engage in brainstorming; that they felt more expertise was needed with Library professional help and wanted these consultants to work with the Task Force; that they had attempted to find experienced consultants to help us envision what the Library can be; that the community will be participating in this and that they would report in the Fall.

Councilman Pierce wanted to know if the County was part of the partnership? Ms. McMahon stated that she thought Mayor Littlefield had talked to the County Mayor and County Commission. Councilman Pierce stated that he thought the County should be a partner in finding the consultants as to how we will be managing this.

Councilman Rico asked if the County was part of the Study?

Councilman Page stated that what we were doing was important, and he thanked Mr. Kennedy for his part. He stated that he did believe it was very important that the County be in on this from Day One; **that he would like to amend the previous motion with a caveat that we invite the participation of the County Mayor and County Commission to be a part of this committee and to bring them in now.**

Councilman Page was asked to restate his motion. **He moved that this Resolution be recommended to the entire Council, with the amendment that we invite the County Mayor and County Commission to participate in the membership of the Task Force, not the funding for the consultants. Councilwoman Bennett seconded the motion,** stating that we did not want to end up by ourselves—that we need cohesiveness.

Ms. McMahon stated that the amount they had asked for was too high and that we are re-negotiating. She asked that Councilmembers read the original proposal.

Councilwoman Berz stated that the concept was great but that she would like to see what is finally agreed upon—that it is \$50,000 now. She asked if the scope of the work would remain the same?

Mr. Kennedy responded that it would be trimmed some—that the consultants might be here just three days rather than four.

Councilwoman Berz stated that she would like to know what we are approving; that she represented a district that was looking at the Cherokee Heritage Library and asked if this would be part of the scope of this work? She asked that the Council continue to get updates of the process.

Ms. McMahon stated that in regards to the Cherokee Heritage, that they were going to meet with the stakeholders in the community to try to work together to enhance this.

Councilman Benson stated that as far as Councilman Page's amendment—that he did not know enough about it—that he just did not want inequities to be perpetuated. He questioned inviting the County Mayor and considering working with the County on this, stating that it was Mayor Littlefield's committee, and the Council should only change the concept to the extent that Mayor Littlefield thought was wise; that he set this up for a purpose, and Councilman Benson did not want the Council to mandate that it should go to the County.

Councilwoman Robinson stated that she thought putting the Mayor and County Commission into this was good reason to be sure they would be included—that there was a disconnect, and this might get the City and County working together on this.

Councilwoman Bennett stated that we wanted to hear back from this Task Force, and she thought the County should definitely be included and work in tandem with us.

Ms McMahon stated that Mayor Littlefield had always said that this was open, and they could bring more members in; that no one thought that this group was "it" and no one else could be brought in.

Councilwoman Bennett stated that she thought now was the right time to do this; that she understood that money had been set aside for this; that she, too, would like to read what we finally sign off on—that money was set aside but that there would be time to digest this.

PARKS AND RECREATION RESOLUTIONS

Adm. Zehnder stated that his department had five Resolutions on tonight's agenda. The first was **Resolution 7(a)** authorizing a Personal Services Agreement with Philip Pugliese to provide technical services to the Chattanooga-Hamilton County-North Georgia Transportation Planning Organization as bicycle coordinator for a term of 20 months in an amount not to exceed \$75,000.00, which amount is to be shared by the Chattanooga-Hamilton County-North Georgia Transportation Planning Organization and the Community Foundation of Greater Chattanooga. No City money is involved. **On motion of Councilwoman Bennett, seconded by Councilwoman Berz, this will be recommended to the full Council for approval.**

Resolution 7(b) authorizes an Agreement with Kleenco Construction Company in an amount not to exceed \$220,200.00 for construction of South Chickamauga Creek Canoe Launches. \$100,000 of this will be State Grants. Councilwoman Berz wanted to know where the launches will be located? Mr. Zehnder responded the Riverpark and the Waterhaven Site. **On motion of Councilwoman Berz, seconded by Councilwoman Robinson, this Resolution will be recommended for approval by the entire Council.**

Resolutions ©, (d), and (e) are agreements to rent the Warner Park Swimming Pool for purposes of the Chattanooga Area Swim League Championship to be held July 25-27, 2008, for the purposes of the Quad Swimming Meet to be held June 6-8, 2008, and for the purposes of practice for May 19th of the Scenic City Aquatic Club, through August 2, 2008. **Councilwoman Berz stated that she thought this was great and moved that these Resolutions be recommended for approval by the entire Council. This was seconded by Councilwoman Robinson.**

Adm. Zehnder stated that he would like to bring to the Council's attention that in order to support the curfew law, they were changing the time of "Late Night Hoops" to end at 11:00 p.m. so that kids could get home before the 12:00 midnight curfew.

The meeting adjourned at 4:10 P.M.