

MINUTES
City of New Berlin
Utility Committee Meeting
Tuesday June 28, 2005

Members Present: Alderman Gallagher, Alderman Ament, Jim Morrisey,
and Commissioner Bob Dude

Excused: Alderman Harenda

Others Present: Ray Grzys (Director of Utilities & Streets), Larry Wilms (Division
Engineer), Nikki Jones (Planning Services Manager), Mark Klawitter
(Utility Department), Greg Bolin (Ruekert & Mielke), Ron Dalton (Crispell
Snyder), and Suzette Hanley (Office Coordinator Utilities & Streets)

Alderman Gallagher called the meeting to order at 5:00 pm declaring a quorum with 4 members present. Alderman Harenda was excused.

ITEM UT I-05 Approval of minutes from May 24^h meeting

Motion by Alderman Ament to approve the minutes from the May 24th Utility Committee meeting. Seconded by Commissioner Dude and the motion passed unanimously

ITEM UT 12-04A Milwaukee Water Construction Update #10

Greg Bolin from Ruekert & Mielke told the Committee that the City is now online and pumping Milwaukee water, as of June 23rd, with the distribution segregated, and both booster stations functioning. He added that the supply was substantially better than what was agreed upon with Milwaukee, which is a benefit to New Berlin with additional flow and pressure. Mr. Bolin said that they are now tweaking some controls, and both pumpstations are in the punch list stage.

Director Grzys directed the Committee's attention to the Pump Control Protocol that was included in the packet, and the small map, and said that there is a larger map in the hallway and a list of addresses of those customers on Milwaukee water.

Commissioner Dude complimented Director Grzys and Greg Bolin that the project was completed on time and asked about the budget, especially with the SBC item. Mr. Bolin said that when SBC mismarked the fiber optics cable near the Grange pumpstation, there was a delay that is subject to liquidated damages, and it is up to the City to pursue this with the contractor and SBC. Director Grzys added that he followed up with a letter to SBC right after the problem occurred, and is working with Rich Eberhardt of Ruekert & Mielke to document the additional costs.

Director Grzys said that an e-mail invitation was sent out today to the Aldermen and Commissioners, as well as Milwaukee Water personnel for the "Milwaukee Water Switchover" on July 21st at 1:00 p.m. He also said that Mayor Chiovatero would be there to give a presentation, and the Public Works Commissioner from Milwaukee Water. Alderman Gallagher thanked Mr. Bolin and Director Grzys.

ITEM UT 04-05 Award Construction Contract – Sanitary Sewer Re-Lining and Replacement Parkland Green – Project K-367

Director Grzys read the requested action to approve the award of Construction contract for Sanitary Sewer re-lining, replacement, manhole grouting, testing and sealing for Project # K-367 to the lowest responsive and responsible bidder, Visu-Sewer Clean and Seal in the amount of \$402,307.00 for a total project cost not to exceed \$485,000. Source of funds: Wastewater CIP 2005 Budget A/C #107. He said that the Sanitary Sewer Re-Lining Project is part of the Wastewater Utilities 2005 CIP budget. Through televising and cleaning of the main as part of our maintenance program, along with a subdivision that will require new pavement in 2006-2007, it was determined that these areas needed to be addressed. The condition of the pipe showed cracks, joint separation and some areas that looked like they may fail and cause a blockage. The re-lining, replacement, manhole grouting, testing and sealing will be required along with new water mains in 2006 to make the road ready for replacement as part of the City Road program. The project will also be used to show MMSD that the City is working on reducing I & I in the system as part of our 2020 Facility Plan.

Alderman Gallagher asked how old the sewer system there is? Mark Klawitter from the Wastewater Utility said it is from the early 1970's. Director Grzys added that some of the old system has petrified clay, truss pipes and concrete, and stated that these old materials are not as good as the current PVC pipes. Director Grzys added that the Utility has looked at the system through televising and the road construction program scheduled for this area in 2006-2007, and our plan was to complete the sewer work in 2005, with the water main to follow in 2006.

Commissioner Dude asked if the Utility had records or maps showing what areas need to be replaced in the future, and the various ages of the sewer lines, water mains, to help with long range planning by looking at the entire infrastructure. Director Grzys answered that the Utility has maintenance records that dictate what we repair or replace and if a road is going to be replaced or a project like Milwaukee water goes in, that would help plan what we need to do. Director Grzys answered that we have about 1 million feet of sewer line and we televise and inspect 200,000 feet per year, so it is a 5-year sweep to inspect the entire system. He added that the Utility does look at troubled areas and dead ends more often.

Mark Klawitter from Wastewater Utility said that in the Parkland Green subdivision inspections they found 118 imperfections in joints and in pipes. Director Grzys said we are working with GIS people to come up with an overlay of when we installed lines, repaired areas, etc. He added that this is being done now with the Streets crack filling repairs, street reconstruction and pulverizing. Director Grzys said that Parkland Green has both water and sewer mains that need attention, and since the Street Engineers informed us of the streets scheduled to be replaced in 2006-2007, we are going in to do the sewer repairs this year and water repairs next year. Director Grzys stated that he relies on the Utility to prioritize the work, which is projected in a 5-year Capital Improvement Project list. Alderman Gallagher asked if we should continue putting these projects on the budget as a CIP or should we put money away each year, building up capital, instead of borrowing money. Director Grzys said that we can discuss this situation with the Finance department.

Alderman Ament asked what manhole grouting was and Director Grzys explained the procedure that they use to drill into manholes and put in grout, which seals both inside and outside. Alderman Ament asked about the money spent for the manhole rehabilitation project? Director Grzys said that the majority of the manhole project was for rubber chimney seals and the replacement of lids to prevent water from infiltration the system. Larry Wilms said that the manhole rehabilitation project was required by MMSD to satisfy the 2010 plan.

Commissioner Dude asked if the Utility could check with Mike Holzinger Finance Director about borrowing money for Water Utility projects from the Sewer Utility, since they have a strong balance sheet and we could pay ourselves the interest.

Motion by Alderman Gallagher to recommend to Common Council to approve the award of Construction contract for Sanitary Sewer re-lining, replacement, manhole grouting, testing and sealing for Project # K-367 to the lowest responsive and responsible bidder, Visu-Sewer Clean and Seal in the amount of \$402,307.00 for a total project cost not to exceed \$485,000. Source of Funds: Wastewater CIP 2005 Budget A/C #107. Seconded by Jim Morrisey and upon voting the motion passed unanimously.

ITEM UT 05-05 Authorization of Year 2020 Upgrade Study for Regal Manor West Liftstation

Larry Wilms read the requested action to approve a professional services agreement with Ruckert & Mielke for Year 2020 Upgrade Study for Regal Manor West Lift Station for a fee not to exceed \$9,500. He said that when the Ronald Reagan School was proposed, they looked at the wet well and pumping capacity, which are undersized for the current service area, for this expansion and needs to be upgraded. He added that in the 2020 plan this liftstation looks to serve a larger service area, especially if the area on the southwest corner of Calhoun and National are developed.

The Committee discussed the map and the area currently serviced by the Regal Manor West liftstation and what it will service. Alderman Ament asked if R & M was the only firm able to do this study and Mr. Wilms answered that they did the study for many of the other liftstations, and did the study for the school district so they are familiar with this site.

The Committee discussed the wording in Item D regarding Ownership and Reuse of Documents. Mr. Wilms said that the document is contingent on the City Attorney reviewing it, but that the wording is not an uncommon provision.

Motion by Commissioner Dude to recommend to Council to approve a Professional Services Agreement with Ruckert-Mielke, Consulting Engineers, for Year 2020 Upgrade Study for Regal Manor West Lift Station for a fee not to exceed \$ 9,500. funded by Wastewater Utility Account # 81001131-52030 Collect Sys. Contracted. Seconded by Jim Morrisey and upon voting the motion **failed** 2 to 2 with Alderman Ament and Alderman Gallagher opposed.

After further discussion about the school opening, the Committee requested that this item be brought back with proposals from other firms and maps of the area.

ITEM UT 06-05 Discuss Need for Looping Main – National, Calhoun & Observatory

Mr. Wilms gave the Committee members maps of the areas of the proposed looping mains. He said that for the new Ronald Reagan School, we will have to provide them water service in the boosted zone or they will have to boost the pressure internally in the building. Alderman Gallagher asked if this area would be a problem if the school did not need the water? Mr. Wilms answered that fairly large tracts of land on Calhoun will probably be developed in the future and that this issue will come back again.

Jim Morrisey asked if the southwest corner at Calhoun and National were developed, would it be serviced by the normal standard pressure zone? Mr. Wilms answered yes, but the new school up on the hill has 2 stories and would need the boost. Mr. Morrisey asked how many

new parcels will be forced service? Mr. Wilms answered that they are not forced, but have 10 years to hook up to the service. If they are already on City water, they will not be reassessed.

The Committee discussed the cost of assessments to each of the parcels, the cost to the schools, developers and the Utility. Alderman Gallagher suggested that the residents be surveyed based on an estimated cost, and asked if they want the service, since the Committee was not going to put the burden of a \$20,000 special assessment on a property. Mr. Wilms stated that this cost would be hard to estimate. Alderman Gallagher asked if there were pressure issues in this area and who was asking for the service? Mr. Wilms responded that no one has asked for the service, since they are not hooked up to water anyway, they are not complaining. Director Grzys said that this area is outside our Sewer service area and probably won't be developed with water for a number of years, but that staff is looking for guidance on this issue.

After a brief discussion, Alderman Gallagher asked for additional information and options, and a rough estimate and cost to each parcel for a special assessment.

Motion to adjourn by Alderman Ament at 6:36 pm. Seconded by Commissioner Dude and upon voting the motion passed unanimously.

*Respectfully submitted,
Suzette Hanley - Office Coordinator, Utilities & Streets*