

**Public Works Committee
Minutes
7:00 P.M.; September 29, 2009**

Minutes of a meeting of the City of O'Fallon's Public Works Committee, held in the Mayor's Conference Room, City Hall, 255 S. Lincoln, O'Fallon, Illinois on September 29, 2009.

CALL TO ORDER: Time: 7:00 P.M.

ROLL CALL: MEMBERS: Medford, Reckamp, True, Engler, Polites
NON-COMMITTEE ALDERMEN: Cozad, Albrecht, N. Drolet, Mouser
STAFF LIAISON: Bell, Sullivan, Bowman, Funk, Denton, Rich, Huq
GUESTS: Dave Pfeifer

Minutes from August 24, 2009 were approved.

- Item 1. **AI:** 41 Fairway Dr. ERT Damage Appeal – Staff researched the situation as to when the ERT was first detected as being bad. After review it was previous to the current owner's control of the property; therefore, the fee was waived. (Closed)
- Item 2. **POI:** Deduct Water Meter – Staff presented a mock-up of what a deduct meter installation could look like. Residents would pay an initial deposit to use it. It would be automatically read and used as a deduct meter for sewer charges only. The installation or device could be a portable unit or a semi-permanent, in-ground installation off of the existing service line to the house, placed by a licensed plumber. An ordinance would need to be drafted with inclusion of costs for the deduct meter arrangements. Additionally, if the ordinance were adopted, the existing sewer averaging ordinance language would need to be rescinded. Staff will further research options and prices. (Open)
- Item 3. **POI:** 878 & 861 Misty Valley Sump Drain Problem and 621 Wintergreen Sump Drain Problem – Previously during FY10 budget preparation time a policy was formulated for partial reimbursement to private land owner for remedies that would place water into City infrastructure instead of being a nuisance. Money was set aside in the budget to fund the new policy per Aldermen requests to assist owners with private property drainage issues. The budget has that money set aside, but the above property owners have not come in to apply for the program. Staff would like to remove these addresses from future Public Works Committee agendas. The committee concurred. (Closed)
- Item 4. **POI:** 122 Central Ave. Stormwater Problem – Staff informed the committee that a new culvert was placed at Long Drive. The culvert no longer had a bottom and was undersized per a 2003 Rhutasel report titled, "Ward 5 Crossroad Culvert Study. The area ditches were also re-graded. (Closed)

POI: Point of Information

AI: Action Item

Item 5. **AI:** Water and Sewer Planning Study Proposal, Kaskaskia Engineering – Staff presented a proposal from Kaskaskia Engineering for water and sewer planning south of I-64 and north of Scott AFB from Silver Creek to Hwy 158. Both water and sewer will need to go under the interstate at the new Interchange #21 that Kaskaskia is designing for St. Clair County. Kaskaskia will be looking at the existing and future Shiloh sanitary flow, the existing Shiloh terminal lift station at the intersection of old Hwy 158 & Wherry Housing Road as well as the potential flow which will be generated by the study area in the future. Staff is proposing the construction of one single terminal lift station to service Shiloh and O’Fallon as Shiloh’s terminal lift station is reaching the end of its life. They will also be looking at the demand for domestic and fire protection within the area with possibility of future commercial buildings there and the potential for our existing services on the edge of the area being expanded to service the area. As Kaskaskia Engineering is doing the design engineering for the new Interchange Exit 21 as well as the road system in the study area, staff feels we have a unique opportunity to be in on the ground floor of the planning for the area. After some discussion the committee requested the wording under Item 4, be changed to “based on existing study” instead of “we assume that the supply from Illinois American is adequate and the wastewater treatment capacity is adequate”.

Motion: Committee recommended approval with changes to the agreement with Kaskaskia Engineering in the amount of \$24,700.00. (Closed)

Item 6. **AI:** Pressure Reducing Valves Design Proposal, Burns & McDonnell - Staff presented a proposal from Burns & McDonnell for design of the valves. In 2005, the city experienced water supply issues from Illinois-American Water Company (IAWC) due to inadequate supplied pressure. IAWC has increased their pump capacity that supplies O’Fallon, Scott AFB, Shiloh, Belleville, Waterloo and Columbia. Currently, they have more than adequate pressure supply which sometimes causes our towers to overflow and creates higher than desired pressure in our system. We need to have automatic valves as part of the SCADA control on our side of the master meters to control this IAWC supplied pressure. The Burns & McDonnell initiative will allow us to throttle back the flow and pressure we are receiving from IAWC. Although, IAWC can currently see our system via our SCADA, they have no valves on their side of the master meter pits to control what they send us if Belleville is in need of water.

Motion: Committee recommended approval of the Burns & McDonnell agreement in the amount of \$70,000.00. (Closed)

Item 7. **AI:** Surplus Property – Carbon Hill, Hartman Lane and Main Street – Staff asked committee for authorization to request appraisals on these properties which are excess to the City’s needs. The properties are located at 120/121 Carbon Hill, 117 Main and 209 Hartman Lane. The city is currently paying property taxes on all 3 properties. Committee discussed the possibility of placing restrictions on the 209 Hartman Lane property for zoning purposes, if

the city were to sell it. Committee granted approval to obtain appraisals.
(Open)

Item 8. **AI:** Sludge Lagoon Cleaning Bid – Staff reported to the committee that bids were requested via the usual sources of advertisement, but only one bid was received. Merrell Brothers who previously won the bid in 2007 basically held their price for 2009 to remove the sludge. Staff is happy with the performance in previous years by Merrell Brothers.

Motion: Committee recommends approval for Merrell Bros. in the amount of \$99,474.00. (Closed)

Item 9. **POI:** Erosion Repair of Engle Creek through Fairwood Hills, Winding Creek and Deer Creek Subdivisions – Resident Dave Pfeifer addressed the committee. He stated he doesn't know how many years there has been no erosion control provide along Engle Creek although it is obvious that it is needed. Mr. Pfeiffer stated "The city has not stopped water flow or helped with stormwater" along this corridor. He said he will lose his house if the creek keeps taking two (2) feet of the bank per year. He has placed rock multiple times along the creek in the area of his home. He feels the city has not required subdivisions built in the 1990's to require adequate detention areas. Staff stated that the existing subdivisions do have adequate detention based on the ordinances in place at the time of the development. Committee asked staff where this falls in the overall spectrum of stormwater. Staff told the committee that the Washington Street Stormwater Corridor Project which is under design should help the situation. This project will provide detention in the upper part of the watershed for Engle Creek. An option staff had hoped to use was Fairwood Lake for additional storage; however, 100% of the homeowners would have to agree to it. (Open)

Item 10. **POI:** Mowing of Riparian Areas Along Engle Creek – Resident Dave Pfeifer addressed the committee on this issue. He doesn't want the Homeowners Association of Winding Creek to mow the area by the creek in the common areas adjacent to the bridge on Smiley. This area was established prior to the Ordinance regarding maintenance to and encroachment onto riparian areas that was put in place on September 2006. Committee requested the City Administrator talk to the Planning Director on how to make this a riparian area or provide additional protection to the erosion susceptible soils there. (Open)

Item 11. **POI:** Notice of Violation (NOV), Zinc Discharge @ WWTP – Staff informed the committee that we have contacted an attorney David Ader of Ancel, Glink. The firm that worked our water rate issues with IAWC and is recognized for its abilities to remedy water disputes in Illinois and the midwest. It takes an attorney has to address the Pollution Control Board of Illinois which is where this NOV may end up playing out. Currently our limit for zinc is 47 ppb (average daily amount for a month); we are receiving 321 ppb from IAWC in our drinking water. This is 7 times the limit allowed for the discharge

concentration in our wastewater. Staff reported this is not a new problem, Indiana and Kentucky American water companies have both changed the inhibitor and solved problem. IAWC is studying the issue, but progress has slowed. Basically, a zinc compound is added to prevent corrosion in metal pipes. An estimated cost for the process to correct the issue at the wastewater treatment plant (WWTP) is \$4.4 million. (Open)

- Item 12. **POI:** 1102 Lorien Court Drainage – No Action. (Open)
- Item 13. **POI:** 211 Howard Drainage Problem – No Action. (Open)
- Item 14. **POI:** Lee & Howard Intersection & Drainage Ditch – No Action. (Open)
- Item 15. **POI:** 209 Joy Drainage Problem – No Action. (Open)
- Item 16. **POI:** 506 Dartmouth Drainage Problem – No Action. (Open)
- Item 17. **POI:** Weber and 50 Drainage Problem – No Action. (Open)
- Item 18. **POI:** 704 Oak Creek Court – No Action. (Open)
- Item 19. **POI:** 600 Block of E. Washington Street Vacation – No Action. (Open)
- Item 20. **POI:** 1105 Elisabeth Drainage Problem - No Action. (Open)
- Item 21. **POI:** 8525 Treybrooke Drainage Problem - No Action. (Open)
- Item 22. **POI:** Moyer School Detention (1064 Oxford Hill Drainage Problem) – No Action. (Open).
- Item 23. **POI:** 314 Joy Drainage Problem – No Action. (Open).
- Item 24. **POI:** 506 N. Cherry Drainage Problem – No Action. (Open).
- Item 25. **POI:** Mulberry Ditch Drainage Problem – No Action. (Open)
- Item 26. **POI:** 931 Crabapple Drainage Problem – No Action. (Open)
- Item 27. **POI:** Illinois Water/Waterwater Agency Response Network (ILWARN)
- Item 28. **POI:** Illinois Public Works Mutual Aid Network (IPWMAN)

ADJOURNMENT: 8:44 P.M. PREPARED BY: Heide Bell

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Next regular meeting is scheduled for Monday, October 26, 2009 at 7:00 P.M., to be held in the Mayor's Conference Room or Council Chambers at City Hall dependent upon the number of visitors at the meeting.

POI: Point of Information

AI: Action Item