



CITY OF WAUWATOSA
7725 WEST NORTH AVENUE
WAUWATOSA, WISCONSIN 53213
Telephone: (414) 479-8917
Fax: (414) 479-8989
Web Site: www.wauwatosa.net

BUDGET & FINANCE COMMITTEE MEETING

Tuesday, September 11, 2012

Committee Room #2

PRESENT: Alds. Wilson, Hanson, Dubinski, Donegan, Tilleson, Organ, Birschel - 7

EXCUSED: Ald. Ewerdt

ALSO PRESENT: J. Archambo, City Administrator; J. Ruggini, Finance Dir.; W. Porter, Dir. of Public Works; W. Wehrley, City Engr.; J. Wojcehowicz, Water Supt.

Ald. Wilson as Chair called the meeting to order at 8:00 p.m.

Proposed Settlement Offer – Walgreen Co. v. City of Wauwatosa, Milwaukee County Case No. 11-CV-12112

Moved by Ald. Wilson, seconded by Ald. Donegan to convene into closed session per Wis. Stat. 19.85(1)(g), Conferring with legal counsel for the governmental body who is rendering oral or written advice concerning strategy to be adopted by the body with respect to litigation in which it is likely to become involved, with the option of reconvening into open session. -7

The committee convened into closed session at 8:01 p.m.

(Ald. Birschel excused, 8:07 p.m. -6)

The committee reconvened into open session at 8:20 p.m.

2012/2013 MMSD Private Property Infiltration and Inflow Chemical Grouting Program

Mr. Porter, Director of Public Works, briefed the committee on the lateral lining pilot program on Eagle and 65th Streets that will be completed in the next 6-to-8 weeks. He summarized information on graphs showing lateral flow rates on each street before and after rehabilitation of the public main and a portion of the private laterals. Results on the two streets differed based on the footage of private laterals relined—the first 30 feet on Eagle Street and the first 4-5 feet on 65th Street. Mr. Porter noted parallels in this process to the proposed chemical grouting program, which is significantly cheaper.

Mr. Wehrley, City Engineer, outlined a proposed chemical grouting program that would address peak wet weather sanitary sewer flows that exceed limits established by the Milwaukee Metropolitan Sewerage District (MMSD) in an east side metershed shared by Wauwatosa and Milwaukee (illustrated on a map of the area). Using an MMSD PPI/I (private property infiltration and inflow) control program in place to assist communities in reducing wet weather flows, Mr. Wehrley proposed the following two-phase program:

Phase I – Utilizing up to \$250,000 of MMSD PPI/I funding, this would be a fast-track program that staff would design and manage with the intent to advertise the project in October, award in November, and begin grouting before the end of 2012.

Phase II – This would consist of lateral and mainline sewer grouting in the remainder of the metershed, which would exceed \$250,000 and require MMSD approval. With MMSD approval by the end of 2012, design and bidding would occur in early 2013 and grouting would begin by March or April 2013.

Mr. Wehrley proposed using the professional services of Brown and Caldwell for flow monitoring and data analysis. He felt that by budget time next year some hard numbers should be available that would assist in planning how to reach overall compliance with mandated MMSD flow limits over time through the Capital Improvements Program.

Asked to compare relining vs. grouting, Mr. Wehrley said it is somewhat site specific. Once the grouting dries out or freezes, it is ineffective; otherwise, the expected lifespan could be 20-30 years. The lining process isn't affected by those factors but costs about \$6,000 per property compared to \$300-\$600 for grouting, a cost that is expected to plummet in the future when its patent expires.

Mr. Wehrley explained how sealing leaky joints plus grouting creates an impediment to ground water. Die water testing in the project area identified the 16,000 lineal feet of sanitary sewer where there are active leaks. If this project is effective, we can test and seal the main line joints throughout the entire metershed.

Moved by Ald. Donegan, seconded by Ald. Hanson to recommend approval of the project as proposed, authorizing staff to apply for a sanitary lateral grouting program through MMSD; authorizing utilization of sanitary sewer reserve operating accounts for sanitary sewer and lateral grouting up to approved budget limits; authorizing carryover of any remaining funds in the aforementioned operating accounts from 2012 to 2013; authorizing staff to enter into an agreement with Brown and Caldwell for up to \$100,000 for professional services –

Questioned about long-term results, Mr. Wehrley reported that grouting has been used for decades. Brown Deer had a multi-year program, sealing primarily the main line, and found 90% effectiveness after a year or two. He was unaware of any independent analyses outside of articles in trade magazines co-authored by product representatives.

Mr. Porter noted that this does nothing for the structural integrity of laterals that already are in bad shape, but it should provide some immediate relief and buy some time. The bigger problem is a slow process.

Asked by the Chair about the City of Milwaukee portion of the metershed, Mr. Wehrley said that they have already done extensive main line relay and some lateral work. We represent 80% of the metershed, so we would still benefit even if they don't participate.

Vote on the motion, Ayes: 6

Cost Share Agreement with City of Milwaukee – W. Capitol Drive Project

City Engineer Wehrley reported that 80% of the first phase of the Wisconsin DOT project on W. Capitol Drive has been completed, covering 60th Street to 84th Street. Phase 2 next year covers 84th Street to Hwy.

100. With a total project cost of \$22 million, the City of Wauwatosa's estimated share of \$200,000 would be funded by the 2013 Capital Improvements plan.

The City requested a pedestrian underpass at Grantosa Creek, which the WisDOT agreed to fund utilizing Community Sensitive Solution (CSS) funds provided that a water main alteration and required retaining wall are funded by others. The City of Milwaukee agreed to do the underpass design work provided that the City of Wauwatosa pay for construction of the retaining wall and relocating a portion of a Milwaukee water main. All Wauwatosa costs are included in the aforementioned \$200,000 estimate.

Ald. Wilke, 8th District, spoke of the need and benefits of the pedestrian underpass. He cited safety issues and access to schools, parks, and parkways both north and south of Capitol Drive as well walk/run events and school practice squads that will benefit.

Moved by Ald. Wilson, seconded by Ald. Organ to recommend approval of a Cost Share Agreement between the City of Milwaukee and the City of Wauwatosa for Project I.D. 2025-11-01, 71 W. Capitol Drive (STH 190) N. Mayfair Road to N. 84th Street and Bridge (2025-16-00) Over a Branch of the Menomonee River. - 6

Professional Services and Contract Administration Proposal for Emergency Water Main Rehabilitation Contract

Mr. Wojcehowicz, Water Superintendent, reported that the City of Wauwatosa has over five miles of water main located in easements through yards in residential neighborhoods, some dating back to 1919. The utility has been investigating the best way to rehab those mains with minimal disruption to residents' property. In the meantime, since May 12, 2012, the water utility has experienced a succession of water main breaks in an area north of W. Wisconsin Avenue between N. 76th Street and Honey Creek Parkway. Two were in roadways with easy access but two were located in residential backyards and caused basement flooding and significant disruption of landscape elements.

Mr. Wojcehowicz provided photos taken at the residential properties during the reconstruction process as well as photos depicting construction activity in connection with a CIPP (cured-in-place pipe) lining project in Marshfield. Also used this year in Wausau, the CIPP technology is the best solution the utility has found to address to problem of failing water mains located within residential properties. It has an estimated life of 50 years.

The firm of Short Elliot Hendrickson Inc. provided engineering services for the Marshfield and Wausau projects this year and is recommended for professional services and contract administration in connection with the failing 12" water main in the easement north of Wisconsin Avenue. To expedite the process and enable completion possibly by the end of November, the utility also recommends waiving the typical bidding process and awarding the CIPP construction project based upon competitive quotes. The cost for this section is estimated at \$312,000. Any future work would be incorporated in the five-year plan.

Mr. Ruggini, City Comptroller, supported waiving the bidding requirements in favor of an emergency purchase process due to the time element for construction. He reported that the City Attorney concurs.

(Ald. Birschel present, 9:05 p.m. - 7)

Asked about causes for the series of breaks this year, Mr. Wojcehowicz said he can't pinpoint a specific reason but speculated on a connection with overhead power lines and sanitary sewers. Nevertheless, it is a

disturbing trend within a very short time and unprecedented in this area. There is no reason to expect it will happen in other segments, but the utility has been looking into long-term strategies for these types of mains.

Moved by Ald. Wilson, seconded by Ald. Hanson to recommend approval of the selection of Short Elliot Hendrickson Inc. for professional services related to emergency water main engineering design, inspection services, and contract administration for rehabilitation of the failing 12” water main in an easement north of W. Wisconsin Avenue from N. 76th Street to Honey Creek Parkway; and waiving the competitive bidding process in awarding the construction project –

City Administrator Archambo noted that the matter of mains in residential easements will be reviewed as part of capital budget. Mr. Wojcehowicz indicated that he should have some good numbers at that point. Mr. Ruggini added that, in terms of scope, this is probably as much as we can do within the current capital budget, and even this amount may cause some shuffling in the 2013 budget.

Vote on the motion, Ayes: 7

Vouchers

Name	Dept.	Reason and location	Date	Amount
D. Parker	Water	Water Distribution Certification Class West Bend	08/28- 08/29/12	152.75
D. Dimoff	Water	Water Distribution Certification Class West Bend	8/28- 8/29/2012	152.75
M. Sobieski	Water	Water Distribution Certification Class West Bend	8/28- 8/29/12	152.75
D. Moldenhauer	Police	WI Narcotics Officers Assoc. Conference Green Bay	8/22- 8/24/2012	408.00
A.Lederich	Fire	Chassis Electrical and TAK-4 Class Appleton	8/19- 8/23/2012	377.95
W. Rice	Fire	MABAS Conference Minocqua	8/23- 8/26/2012	302.99
J. Donovan	Police	Patrol Response Death/Homicide Invest. Franklin	7/31/2012	134.00
B. Isaacson	Police	WI Narcotics Officers Assoc. Conference Green Bay	8/22- 8/24/2012	199.00

Moved by Ald. Hanson, seconded by Ald. Tilleson to approve the foregoing. Ayes: 6; Present: 1

The meeting adjourned at 9:20 p.m.

Carla A. Ledesma, City Clerk
City of Wauwatosa

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