



VILLAGE OF WILMETTE

1200 Wilmette Avenue
WILMETTE, ILLINOIS 60091-0040

MEETING MINUTES

MUNICIPAL SERVICES COMMITTEE OF THE VILLAGE BOARD

FRIDAY, September 18, 2009

7:30 A.M.

SECOND FLOOR TRAINING ROOM OF VILLAGE HALL

Members Present: Trustee Mari Terman, Chair
Trustee Alan Swanson
Trustee Cameron Krueger

Members Absent: None

Staff Present: Timothy J. Frenzer, Village Manager
Brigitte Mayerhofer, P.E., Director of Engineering Services
Donna Jakubowski, Director of Public Works
Jorge Cruz, P.E., Assistant Director of Engineering Services
Mark Anderson, Water and Sewer Supervisor, Public Works

Guests Present: Christopher S. Canning, Village President
Mark Wagstaff, MWH Americas
Brenna Mannion, MWH Americas

I. CALL TO ORDER.

Chairperson Terman called the meeting to order at 7:30 a.m. Committee members Terman, Swanson and Krueger were present. Chair Terman began the meeting with self introductions.

II. APPROVAL OF MINUTES; MUNICIPAL SERVICES COMMITTEE MEETING OF JUNE 26 AND JULY 2, 2009.

Chairperson Terman directed the Committee's attention to the draft minutes of the Municipal Services Committee meeting of June 26, 2009.

Trustee Swanson moved that the Committee approve the minutes as drafted. The motion

was seconded by Trustee Krueger. No further discussion occurred on the motion. Voting yes: Chairperson Terman, Trustee Swanson and Trustee Kruger. **The motion carried.**

Chairperson Terman directed the Committee's attention to the draft minutes of the Municipal Services Committee meeting of July 2, 2009.

Trustee Swanson moved that the Committee approve the minutes as drafted. The motion was seconded by Trustee Krueger. No further discussion occurred on the motion. Voting yes: Chairperson Terman, Trustee Swanson and Trustee Kruger. **The motion carried.**

III.SEPARATE SEWER SYSTEM STUDY

Ms. Mayerhofer summarized the status of the sewer system study and noted that the primary direction from the last meeting was to develop cost estimates for the four proposed sewer programs. She then introduced Mark Wagstaff from MWH. Mr. Wagstaff turned the Committee's attention to the program cost estimates that range from \$39 million to \$185 million. Trustee Swanson asked if Program 4: Storm Sewer Replacement would solve the basement back up problem because it doesn't address I/I. Mr. Wagstaff said there is strong relationship between sewer backups and the lack of capacity in the storm sewer system. Ms. Mayerhofer suggested that none of the four programs will guarantee that basement backups will not occur. From a reliability and cost perspective, Program 4 scores badly which is why it ranks low.

Trustee Swanson stated that Improvement E which addresses sanitary sewer restrictions should have been included in Program A. MWH concurred and will make the appropriate change.

The Committee discussed Program 2: Centralized Detention. Mr. Wagstaff stated the amount of detention is approximately 40 to 60 acre-feet which is the equivalent of five acres of area, filled 10 to 12 feet deep. He noted the challenge with this option is finding open space available to accommodate this large area. A discussion ensued regarding using the Community Playfield area, but it was determined that there are practical and social problems with turning this area into active detention. Trustee Swanson noted a large and deep detention area would become an attractive nuisance for kids and a liability for the Village. The group concurred that there are other smaller parcels in Wilmette, but a decentralized detention solution is less effective and more expensive.

Trustee Swanson made note of the CTA's detention system and asked staff if there have been any operational problems with it. Mr. Anderson recalled three incidents, which include debris and pumping problems.

The Committee discussed Program 3: Private Lateral and Sanitary Sewer Repair. The Committee concurred that this is an attractive option because the solution is shared between public and private. It was noted that unless the entire system is lined, this program will not guarantee that a homeowner will have a sewer back up. Trustee Krueger suggested that a mandatory sewer lateral replacement program should be paired with an overhead sewer as well. The Committee discussed the benefits of lining which include, preventing future root intrusion and improving the structural integrity of the pipe. The method of construction is trenchless technology which is much less disruptive than conventional pipe replacement.

Chair Terman asked Ms. Mayerhofer what direction staff was looking for to which she stated staff's recommendation is to continue the public sewer lining and sewer point repair programs and at least begin a dialogue with MWRDGC regarding the Harms Road Interceptor improvement. She also recalled that the Assistant Corporation Counsel was working on a mandatory sewer inspection program at time of home sale, so sewer lateral televising could also be considered.

A discussion ensued concerning the discharge rate from the Village's system into MWRD's Harms Road interceptor. It was concluded that the Village will have to negotiate a new flow rate with MWRD. It is advantageous to both parties if the rate is less than what it is currently (+/-600 gpcpd) but more than the minimum standard of 150 gpcpd. It was noted that lowering the allowable flow rate will increase the amount of underground storage required. Chair Terman asked about the placement of this underground storage to which Mr. Wagstaff indicated it is a much smaller volume than the storm sewer detention and could likely be accommodated underground within the right-of-way.

The Committee discussed the benefits of the inlet restriction program and concurred that a similar program has been very effective on the combined side of the Village. There was consensus that there may be neighborhoods within the separate sewer area that would benefit from inlet restriction as well.

The Committee reviewed the possibility of adding sewer televising to the mandatory sewer inspection at time of sale. Village Manager Frenzer indicated that the law prohibits the Village from making sewer inspection a requirement of a real estate transfer, but could more realistically make it a requirement of water bill transfer. Sewer televising could potentially be a long lead time requirement and Mr. Frenzer does not recommend requiring any process that could hold up a home or water transfer transaction. Trustee Swanson also noted that this would impact a small percentage of the homes in Wilmette. Trustee Krueger stated that the process of sewer televising and identifying defects does not have to include solving the problem. It could be part of the disclosure process like conducting a roof inspection pre-sale.

Trustee Krueger asked if the Village Code addresses sewer lateral inspection and maintenance. Mr. Frenzer noted it could be changed to address the items being discussed, but the associated costs are significantly higher than tasks such as maintaining the parkway.

President Canning asked staff what improvements they would recommend if a sewer bond were issued for under \$10 million. Ms. Mayerhofer and Mr. Wagstaff agreed that the Harms Road interceptor improvements are a top priority because the effectiveness of all four programs depends on this improvement being installed. Trustee Swanson asked staff to quantify the benefit of the Harms Road Interceptor project. Mr. Wagstaff indicated he did not have that information at hand but noted it would certainly improve the current condition.

President Canning asked MWH the status of Glenview's sewer discussions, to which Mr. Wagstaff stated their task-force is still developing options. The Committee concurred that Glenview should be brought into the discussion at some point.

Trustee Krueger summarized the open items as follows:

1. Meet with Glenview to determine the status of their storm water study and discuss possible joint / parallel projects.
2. Meet with MWRDGC to have a dialogue about the Harms Road pump station and storage improvement.
3. Consider alternatives to funding the Harms Road pump station (public improvement) as well as the private initiatives.
4. Identify potential drainage areas for a sewer lateral replacement pilot program as well as an inlet restriction program.

Ms. Mayerhofer asked the Committee how they would like the study presented to the community. She reminded them that the last public workshop was in January of this year. Trustee Krueger indicated he would not have a public meeting without a plan. President Canning suggested January, 2010 after the budget is approved. The Committee concurred. Trustee Swanson suggested neighborhood meetings could be tailored to address the problems unique to a particular area. It was not determined how the public meeting(s) would be conducted, but staff stated the plan will be an incremental approach beginning with the Harms Road pump station.

IV. OTHER BUSINESS.

Ms. Mayerhofer noted that it appears as though the TranSystems supplement for approximately \$71,000 to complete Sheridan Road that was approved at the last meeting will not all be used. The estimated contractual savings is between \$10,000 and \$15,000.

There was no other business to come before the Committee.

V. ADJOURNMENT.

Trustee Swanson moved to adjourn the meeting. The motion was seconded by Trustee Krueger. No further discussion occurred on the motion. Voting yes: Chairperson Terman, Trustee Swanson and Trustee Krueger. Voting no: none. **The motion carried.**

The meeting was thereafter adjourned at 9:03 a.m.

Minutes Respectfully Prepared by Brigitte Mayerhofer, P.E., Director of Engineering Services