

MINUTES OF THE REGULAR MEETING OF THE MUNICIPAL SERVICES COMMITTEE OF THE VILLAGE OF WILLOWBROOK HELD ON MONDAY, AUGUST 8, 2016 AT THE VILLAGE HALL, 835 MIDWAY DRIVE, IN THE VILLAGE OF WILLOWBROOK, DUPAGE COUNTY, ILLINOIS

1. CALL TO ORDER

Chairman Mistele called the meeting to order at 5:40 PM.

2. ROLL CALL

Those present at roll call were Chairman Michael Mistele, Trustee Paul Oggerino, and Village Administrator Tim Halik. Absent: None.

3. APPROVAL OF MINUTES

- a) After review of the draft minutes from the July 11, 2016 regular meeting of the Municipal Services Committee, Chairman Mistele made a motion to approve the minutes as presented. Trustee Oggerino seconded the motion. Motion Carried

4. DISCUSSION – Intersection Safety Assessment, Clarendon Hills Road & 79th Street

Administrator Halik advised the Committee that on June 11, 2016 the Village received a concern from a resident pertaining to the intersection located at Clarendon Hills Road and 79th Street. A vehicle collision, without injuries, had recently occurred at the intersection and the resident had recalled a prior collision that occurred in 1996 at the same location in which there was a fatality. Although an investigation conducted after the tragic 1996 incident revealed that there were extenuating circumstances involved and the design of the intersection did not contribute to the crash, the lingering perception seems to be that it remains a dangerous intersection. Halik advised that in order to address the perception that it is an unsafe intersection, staff hired a senior transportation engineer from Gewalt Hamilton Associates to conduct a full safety assessment of the intersection. The results of that assessment are included in a report dated July 28, 2016 included within the packet. The report concludes that based on traffic counts and historical crash data, the intersection does not meet criteria for modification to an all-way stop design or full signalization. Intersection illumination and above grade warning signage was also found to be appropriate. Therefore, given no intersection design deficiencies were identified, suggestions were offered for possible ways to improve driver awareness. Halik advised that page three of the report includes a matrix of identified strategies to improve driver awareness which include; installing a splitter island upon the west leg of the intersection to better guide traffic, supplemental pavement markings, advanced warning signage, installation of stop beacons on 79th Street stop signs, and a flashing beacon above the intersection. All of these suggestions are intended to increase driver awareness of the intersection and are ranked within the matrix by time, cost, and crash reduction. Staff recommends consideration of all suggested strategies offered by the traffic engineer. Halik advised that he thought they were all good ideas to consider, but was concerned that flashing beacons, whether installed on the existing stop signs or suspended above the intersection, could potentially cause a nuisance to surround residential property owners. He

shared that it is not uncommon for the Village to receive complaints from residents pertaining to lighting glare and spillage from adjacent properties. If the beacon suggestions are to be considered, it is recommended that we first speak to area residents to determine whether there would be any objections. As an alternative, the installation of beacons could always be installed at a later time as we continue to monitor this location. Chairman Mistele recommended that in the future staff should attempt to obtain not-to-exceed proposals from engineers in order to try to better control costs. Halik responded that he did not believe that a single site inspection by a traffic engineer along with drafting of a findings and recommendation report for this particular issue would result in a high invoice, but agreed that generally that is a good way to control such costs. The Committee agreed that implementation of the recommended strategies to raise driver awareness, minus the beacons, could be completed at this time. If at a later time, it was decided that the beacons should be added, staff could speak to the area residents first to gauge their level of support.

5. DISCUSSION – Proposed 75th Street Water Main Replacement Project – Brookbank Road to Sawmill Creek

Administrator Halik advised the Committee that since 2012, public works crews have been tracking the number of water main breaks that have been repaired on a section of a 12” diameter water main located along the south side of 75th Street between Brookbank Road, to the west, and Sawmill creek, to the east. In 2012, it was found that this particular section of main is in a severely deteriorated condition. Staff believes that this section of main was installed in the 1970s and may be Class 50 ductile iron pipe. This class of pipe has thinner sidewalls than the current minimum class of water pipe and may have been installed at a time when the industry was switching to thicker pipe. In addition, from repair excavations, it does not appear that this water main was properly bedded with stone when it was originally installed. Staff also believes that the soils in this area are corrosive type, and this may be the cause of the extreme deterioration that we have observed. Halik advised that whenever crews install repair clamps on this section of main, sacrificial anodes are used to inhibit the corrosive soil from attacking the hardware on the repair clamp. Since 2012, we have excavated and repaired a total of eleven breaks on this 800’ long section of main. Staff has assembled costs to replace this section of water main using new poly-wrapped ductile iron pipe. This project would be fairly disruptive, as the main traverses below six residential driveway aprons that must be removed and replaced, including drainage culverts. In addition, the DuPage County bike path is located in this same area and will need to be repaired if impacted by the excavation. As part of the project, two fire hydrants will be replaced and water services to each resident’s buffalo box will be replaced. Lastly, the drainage ditch will need to be re-profiled and restored. Halik provided a summary of the estimated cost of this project, which total about \$121,914.00, and advised the Committee that there are sufficient funds to complete this project within the Village’s Water Capital Fund. Halik also shared that the completion of this project will require an access permit from DuPage County, since the water main is located on county right-of-way. We have been advised by DuPage County permitting staff that as part of this project, they will require the old water main pipe to be removed in its entirety along with all impacted driveway aprons completely replaced. Halik advised that if these items are made conditions to the access permit by DuPage County, the project will substantially increase and/or those six residents along 75th Street may be without water for an extended period of time to allow for the full removal of the abandoned water main. Halik advised that Village staff and our engineering consultant continue to discuss the details of this project with county permitting staff to convince them that the current replacement design represents the most cost effective and quickest way to restore water to our residents. However, at the present time, given we are still engaged in discussions with the County, staff is not yet ready to bring this project before the Village Board for final approval. The Committee recommended that staff stand their ground on this issue with the County for the benefit of our residents.

6. REPORT – Municipal Services Department

- a. Administrator Halik reviewed the monthly permit activity report for the month of July 2016. Halik advised that the Village received about \$19,000 in permit revenue for the month. This amount represents 26% of the total budgeted amount of revenue for fiscal year 2016/17.
- b. Administrator Halik shared the water system pumpage report for June 2016. The report indicates that the Village pumped 34,451,000 gallons of water in the month. The total amount of water pumped so far this fiscal year is about 11% more than was pumped in the same time period of 2015.

7. VISITOR'S BUSINESS

(None)

8. COMMUNICATIONS

(None)

9. ADJOURNMENT

Motion to adjourn was made by Chairman Mistele. Seconded by Trustee Oggerino. The meeting was adjourned at 6:10 PM.

(Minutes transcribed by: Tim Halik, 9/8/16)