

PUBLIC WORKS & WATER COMMITTEE MEETING

Tuesday, June 7, 2016

Call to Order: 7:01 AM

Committee Members Present:

Berry Allen – Chair

Sheila Hansen – Trustee

Village Staff Present:

Matthew Supert - Staff

Casey Biernacki- Staff

Others:

Jeff Ziegler – JJ Benes & Associates

Lynn Kroll – JJ Benes & Associates

1) Public Comment

There were no public comments.

2) Approval of Minutes

Chair Allen made a motion to approve the meeting minutes from May 5, 2016, the motion was seconded by Trustee Hansen.

3) Ridgewood Storm Water Study

Mr. Ziegler presented the draft form of the Ridgewood Storm water study. He explained that the documents were in draft form and were incomplete. Miss Kroll informed the committee that the study began at Ridgewood Oaks as it was tributary to Lawn Drive, the project location. Miss Kroll explained that the study was to determine how to alleviate storm water at Scott Aulinkis's home on Lawn Drive. Miss Kroll explained that the storm water started outside of Western Springs and traveled through many areas such as Ridgewood Oaks and Lawn Circle before it ends at the Lawn Drive location.

Mr. Ziegler presented area maps of the Timber Trails subdivision to show storm water detention that was added as part of the subdivision construction. He explained that the creation of the Timber Trails subdivision has removed 10 acres of storm water from the Ridgewood subdivision.

Miss Kroll informed the committee that the recommendations in the draft report were created in order to reduce storm water flow. She believed that redeveloping the detention area behind the Ridgewood Oaks subdivision would assist in reducing flow.

Mr. Ziegler provided information on the creation of the Ridgewood Oaks area in 1974 and the detention area that previously existed. Mr. Ziegler explained that additional detention work was supposed to be completed but he has no evidence that it was completed. Mr. Supert informed the committee that the Village has been trying to locate documentation on the detention work. Unfortunately, the Ridgewood Oaks home owner's association, the Cook County title department, and the Village itself does not have these documents.

Trustee Hansen questioned why these storm water issues have started occurring in the past few years. She questioned if the Timber Trails subdivision could have created the issue. Mr. Ziegler informed her that the creation of the Timber Trails subdivision has stripped 10 acres of storm water drainage from the Ridgewood subdivision. Mr. Ziegler believed that the record high storm events in the previous years have been the major cause of these issues.

Chair Allen questioned the box structure that exists in the rear yard of the Linden Court cul-de-sac. Mr. Ziegler informed him that this is the point where the storm water from Ridgewood Oaks surfaces and runs overland to the cul-de-sac. Mr. Ziegler showed a map of individual drainage patterns through all of the properties in the area of the study. Miss Kroll explained that the Flagg Creek outfalls were the end point for the storm water sewer system. She explained that these outfalls were another starting point for upgrading the storm water system in Ridgewood.

Miss Kroll presented a recommended enhancement to the detention area behind Ridgewood Oaks. Chair Allen questioned if this would prevent the box structure from overflowing behind Linden Court. Mr. Ziegler informed him that there would be a decrease in volume but all of these recommendations could not solve the overflow problem. He explained that the detention area behind Ridgewood Oaks was not large enough to completely eliminate the issue. Mr. Ziegler added that Benes explored utilizing the 36" sewer that runs into Timber Trails as a drainage solution but it was not possible due to elevation changes. Trustee Allen questioned the use of a pumping station to assist in the elevation difference. Mr. Ziegler informed him that pumping is always a difficult maintenance item to install as reliability becomes an issue.

Chair Allen questioned if roadway reconstructions in the area could assist in storage in the street. Mr. Ziegler informed him that improvements would definitely be included in future road projects but there is a limit to roadway storage. Chair Allen questioned if the Ridgewood Oaks improvements were a higher priority than the Longmeadow Drive issue outlined in the Baxter & Woodman report. Mr. Ziegler believed that both issues were of equal priority.

Mr. Ziegler outlined that there are two improvements that can assist in decreasing storm water at Lawn Drive and at Linden Court. Mr. Ziegler believed that the Linden Court issue could be solved completely by diverting flow into the 36" sewer between Timber Trails and Ridgewood. This improvement would reduce a small volume from the Lawn Drive issue. The addition of a masonry wall in the Ridgewood Oaks subdivision would help to divert storm water from the Lawn Drive issue as well. Mr. Ziegler informed the committee that there will be an official recommendation in the final document as well as cost estimates.

4) Capital Projects Update

Mr. Supert informed the committee that the sewer work and asphalt work in the 2016 Roadway Program is completed. He added that the concrete rehabilitation of Fair Elms (51st-53rd) and 51st Street (Lawn-Grand) is the next phase of the project. Mr. Supert explained that the last phase of the project would be the seal coating and crack filling of the Recreation Center parking lot.

Chair Allen questioned the percentage complete of the East Platforms project. Mr. Supert informed him that the project was 70% complete. Mr. Supert informed the committee the 2016 Sewer Televising program has begun in Forest Hills. He explained that the contractor is focusing on the sanitary sewer system first.

Mr. Supert explained that the 2016 Sidewalk Replacement project is set to begin during the first week of August.

5) Water System Status Update

Mr. Supert informed the committee that Erin Duffy, the Water Plant Superintendent, would be providing a memo to the Trustees on alternate Well #1 treatment options.

Mr. Supert explained that there was one fire hydrant that needed replacement and seven service connections that needed repair. Mr. Supert added that the Bemis Woods Forest Preserve located two additional leaks on their lines. Chair Allen recommended that a small water loss audit could be done over the past months to determine the effect of the repairs.

Mr. Supert believed that Director Turi had information on the water meter pilot testing. Mr. Supert explained that the report did not show a large amount of water loss due to water meter issues. He believed a final report would be available in the coming weeks.

The meeting adjourned at 8:39AM

Respectfully Submitted: C. Biernacki

