

February 4, 2019

The regular meeting of the Committee of the Whole of the Village of Deerfield was called to order by Mayor Harriet Rosenthal in the Council Chambers of the Village Hall on February 4, 2019, at 6:45 p.m. The clerk called the roll and announced that the following were:

Present: Tom Jester  
Mary Oppenheim  
Harriet Rosenthal, Mayor  
William Seiden  
Barbara Struthers

Absent was: Robert Benton  
Dan Shapiro

and that a quorum was present and in attendance. Also present was Village Manager Kent Street

#### PUBLIC COMMENT

There was no public comment on non-agenda items.

#### WOODVALE AVENUE INFRASTRUCTURE IMPROVEMENT PROJECT

Director of Public Works and Engineering Bob Phillips reported that Woodvale Avenue runs parallel to the north branch of the river. There are 20 homes in the 100 year floodplain. The homes were built in the 1960s, before FEMA started mapping floodplain. When the creek overflows, it stands in the roadway, sometimes more than one foot. Mr. Phillips is unsure if the residential properties flood, but suspects some basement flooding. The road has not been reconstructed in a long time. He noted that projects such as this one that fall within a special flood area require additional expertise. The Village hired Christopher B. Burke Engineering two years ago to provide construction options for the roadway and have met with them several times. Staff is now looking for approval to hire them for Phase II Engineering services. Trustee Jester noted the streets are designed to meet a 10-year flood event. Mr. Phillips explained one design recommendation is realigning the road. The recommendations will be presented in a public meeting later this month.

Stephen Sugg and Matthew Huffman, both with Christopher B. Burke Engineering, were present. Mr. Huffman noted the entire roadway falls within the 100-year floodplain. One of the improvements investigated included providing 100-year flood protection for Woodvale Avenue by constructing a flood wall two-feet above the 100-year water level. The wall would be higher than some garages and could obstruct some resident's views. Trustee Jester questioned whether an environmental impact study would be required. Mr. Huffman noted they would start with a concept study, which is in process by the Army Corps of Engineers. The issue with a flood wall, which would be 3,000 feet long, would be that water could seep around it at the ends.

Trustee Struthers inquired whether the berm height in the low spots could be increased. Mr. Huffman noted that the second option investigated included increasing the berm height and a third option is a combination of the two. Mr. Huffman noted the spoils bank elevation could not be modified. By raising the berm, water would be pushed elsewhere on the other side of the river. All three of these options would require a pumping station and are very expensive. The fourth alternative they looked at included leaving the spoils bank as is and adjusting the roadway by making profile updates to accommodate the 10-year flood. A final alternative study includes shifting the road 12 feet toward the homes in the Village right of way to create a drainage ditch. There would not be permanent taking of property. Mr. Phillips stated staff would stake out the 12 feet before meeting with residents to provide context.

Mr. Sugg stated the low point of the road are the existing curbs and gutters. They propose adding a concrete ribbon curb with a rumble strip. The purpose would be to increase the height of the roadway. Mr. Sugg noted the proposed compensatory storage drainage ditch would be good for the water quality, as well. Mr. Huffman noted residents would see a noticeable improvement. Trustee Seiden noted a resident could lose up to 13 feet of their front yard. Mr. Phillips believes this is a good self-sustaining option. Mr. Street indicated this is a better option, though it is not perfect. Mr. Phillips noted they plan on installing storm sewer backflow prevention with the project.

The Trustees reached a general consensus that these were the two best options to bring to the residents at the public meeting on February 20, 2019.

#### ADJOURNMENT

There being no further business or discussion, Trustee Oppenheim moved to adjourn the meeting. Trustee Struthers seconded the motion. The motion passed unanimously on a voice vote. The meeting was adjourned at 7:20 p.m.

Respectfully submitted,

Jeri Cotton  
Secretary