



# ***CITY OF NORTH RIDGEVILLE***

**Engineering Department  
Daniel Rodriguez, P.E., City Engineer**



## **DRAINAGE AND FLOOD CONTROL BOARD**

### **Minutes for Tuesday, July 30, 2019 Meeting**

Meeting called to order by City Engineer Daniel Rodriguez at 7:00 p.m.

In attendance were:

Gene Kleinholz	John Vrtachnik	Rick Szalkowski (non-member)
Rick Lawson	Georgia Awig	Joan Puianno (non-member)
Bill Gardner	Dennis Boose	Civil Engineer Eric Brown
Mike Borow	Brendan McCool	City Engineer Daniel Rodriguez
James Smolik		

### **Old Business**

#### **A. Minutes for April 30, 2019 Meeting**

Daniel Rodriguez asked for a motion to approve the minutes from the April 30, 2019 meeting. Eugene Kleinholz made a motion to approve the minutes. James Smolik seconded the motion. The motion was unanimously approved.

### **New Business**

#### **A. Stormwater Utility Update**

Dan discussed the ongoing ditch work that is being funded from the stormwater utility fee. He showed locations where the service garage has recently performed ditch maintenance by clearing and grading the banks of the ditch. These areas include the Dixon Ditch west of Kensington, a portion of the Robinson Main Branch, and the Anderson Ditch east and west of Root Road.

Mr. Rodriguez explained that the Service Department is in the process of obtaining a GPS unit. Ray Ford will be collecting and maintaining the GIS information that the Dept. will use to identify stormwater utilities and waterways in need of maintenance and also document when the work has been completed.

Rick Szalkowski asked about the ditch cleaning being displayed on the City's website? Dan explained that this is in the works and the Service Dept. is waiting on the GPS unit. The webpage will include a map with color coded areas along with before and after pictures.

#### **B. Proposed Projects**

Dan discussed conceptual details and potential challenges of the Mills Creek Flood Control Project. The project is currently in the design phase. The City will choose between 3 alternatives and select the lowest cost. Surveyors and Geotechs will be present in the field soon to perform some preliminary work. The Cypress Land south of Chestnut Ridge may want big money for the City to run an easement through their land. The City may need to purchase a wide easement since we are limited by the depth of the TransCanada gas main.

### **C. Codified Ordinance 1056.07 & Detention Basin Design Criteria**

Dan explained to the attendees that the City receives a lot of calls from residents and HOA's concerned about the water levels in their detention basins after significant rain events. Mr. Rodriguez used the Ridgefield Subdivision's detention basin near Longbrook Drive & Pebble Brook Drive as an example.

Dan briefly discussed the different storm events and how basins are designed to handle 100-year storms over a 24-hour period. It is not practical or economically feasible to design for a 100-year storm that occurs in a 2-hour period, which is what the City experienced in the spring. The Ridgefield basin drained down in a few hours and is functioning as designed. Dan also discussed the overflow over Longbrook and explained that the water will never flood residents in this area. The HOA can hire a hydraulic engineer to look at the basin, outlet structure, and receiving waters to determine if the stormwater can be released at a faster rate.

### **D. Items from Committee Members and Audience**

Gene asked about routing of the Mills Creek Flood Control Basin. Dan gave an overview of where the water is coming from, where it will be intercepted, where it will go, and what areas will benefit the most

John asked if storm sewers were installed for the Center Ridge Road project. Dan said the storm sewers are in, but water is not yet getting to the inlets, which is the intent for now. Dan also explained that Center Ridge Road will have 4 detention basins to contain the stormwater. No basins existed before and the water use to runoff onto other properties. The new basins will improve drainage in the area.

Resident Joan Puinno who lives at 9086 Nesthaven Way is concerned about flooding in her backyard. Although there is a mound behind her, water is overtopping the mound and flooding her yard. She is frustrated with the neighbor behind her whose property is a dump site. They have been cited several times and have made no efforts to correct it. Dan informed her that this is a private property issue and she needs to consult with her HOA. If her neighbor continues to neglect the citations, she can take them to court. Jim Smolik mentioned the potential of riparian rights. You cannot force someone to change their drainage if it drained that way prior to development.

Rick inquired about the Highland Detention basin. The basin and inlet is overgrown with cattails which is causing sediment and debris to accumulate. Dan informed Rick that we will coordinate with the Service Garage and add this location to the priority list.

Gene asked if the stormwater utility monies will be used to acquire property in older subdivisions to install detention basins. Dan said we are a long way away from this.

Gene inquired about some calls he has received regarding flooded basements. Dan explained that many older homes have their roof drains, sump pumps, footer tiles, and septic laterals tied together. This is an internal plumbing issue and is caused by backups in the sanitary sewer being overloaded.

### **E. Other Items**

Dan adjourned the meeting at 8:09 p.m.

Respectfully Submitted,

Eric Brown, P.E.  
Civil Engineer