



CITY OF NORTH RIDGEVILLE

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



DRAINAGE AND FLOOD CONTROL BOARD

Minutes for the Tuesday, January 25, 2022 Meeting

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

In attendance from the Board were:

Daniel Rodriguez, City Engineer (Chair)	Clifford Winkel, City Council
Rayborn Ford, Ward 1	Dennis Boose, City Council
Ed Dunham, Ward 2	Georgia Awig, City Council
Kenneth Wilson, Ward 3	Linda Masterson, City Council
James Cleveland, Ward 4	

Also in attendance were:

Scott Belz, AECOM
J.D. Gontkovsky, Resident
Bill Holland, Resident
Rick S., Resident
Eric Brown, Civil Engineer

Old Business

A. Minutes for July 27, 2021 Meeting

Minutes from the previous board meeting (on 7-27-21) were not approved nor denied. A motion to approve the minutes was not asked. This serves as a reminder to ask for a motion to approve the minutes at the next board meeting (scheduled for 4-26-22) from the previous two board meetings that occurred on 7-27-21 and 1-25-22.

New Business

B. Broad Street Inflow/Infiltration Pilot Project

Scott Belz, P.E. (City's consultant with AECOM), conducted a presentation on the Inflow/Infiltration (I&I) Pilot Project that was recently completed on Broad Boulevard. Some of the major points discussed included the following:

- City's relationship and working history with AECOM
- Education on inflow and infiltration (I&I) and why it is such a problem in N.R.
- Overview of the project
 - The means and methods used for testing and data collection.
- Why Broad Boulevard was chosen as the testing location

- The City recently realigned the sanitary main in this location. However, residents continue to experience basement flooding from sanitary backups.
- Purpose of the project
 - Purpose was to investigate the degree of I&I, find the source, and develop a long term plan to reduce the amount of stormwater entering the sanitary sewer.
- Findings and conclusion
 - I&I was discovered and tracked. The results were from multiple sources. Overall, the findings were disappointing. The City and its consultant expected more negative tests.
- What's next?
 - The City and its consultant are looking to gather more data in other areas. The next testing site will likely be Behm Drive & Noll Drive as this area experiences many of the same issues.

Mr. Rodriguez discussed how the City is on a mission to eliminate the amount of stormwater making its way into the sanitary sewers.

Board Member and City Council Member Questions:

Did the 25 homes selected for the pilot project have basement flooding?

No, it's very possible for homes to experience no flooding, but be a contributor to flooding their surrounding neighbors.

C. Mills Road/Jaycox Road Sanitary Sewer Replacement

Mr. Rodriguez briefly discussed the City's plan to replace the two sanitary sewers along Mills Road from Mills Industrial Parkway to Jaycox Road North and combine them into one. The current configuration shows 3 separate sanitary sewers meeting head-on before turning north into Avon. The City intends to realign the sewer with bends to reduce the amount of surcharge that is currently happening which is causing backups to occur upstream and east of the project area.

D. Mill Creek Conservation and Flood Control Project Update

The City is experiencing property acquisition issues to obtain the necessary easements to construct the project. The City expects this project to push forward and is doing everything in its power to make this happen. Work anticipated for later this year includes tree clearing and brush removal of the project area in addition to some outlet work. The rest of the grant money will likely be expended after the necessary property acquisitions. The City is hopeful and plans to make efforts to obtain the necessary funding for construction in 2023.

E. Next Meeting

Mr. Rodriguez noted that the next scheduled meeting will be April 26, 2022.

F. Meeting Adjourned

Meeting adjourned at 7:49pm by City Engineer, Daniel Rodriguez.

Respectfully Submitted,



Eric Brown, P.E.
Civil Engineer