

## **STORM WATER COMMITTEE MINUTES**

### **November 10, 2009**

The Storm Water Committee meeting was held on November 10, 2009, at North Royalton City Hall, 13834 Ridge Road. The meeting was called to order at 6:30 p.m.

Present: Committee: Chair Larry Antoskiewicz, Vince Gentile, John Nickell; Council: Don Willey; Administration: Mayor Robert Stefanik, Assistant Prosecutor Donna Vozar, City Engineer Mark Schmitzer, Wastewater Superintendent Tim Tigue, Wastewater Foreman Nick Cinquepalmi; Other: Don Harris, Pat Jones, Paul Marnecheck.

### **APPROVAL OF MINUTES**

Moved by Mr. Gentile, seconded by Mr. Nickell to **approve the minutes of October 14, 2009**. Yeas: 3. Nays: 0.  
**Motion carried.**

### **UNFINISHED BUSINESS**

#### **1. Storm Water Maintenance Department Monthly report**

Mr. Cinquepalmi was in attendance to discuss the status of where he is on storm water projects.

Mr. Cinquepalmi distributed a list of projects that have been completed to date. He said he updates Council weekly via email and said the only item that is not on the list he distributed are the projects that have been finished within the last 2-3 weeks. He said the Stormwater Crew finished the culvert project on Oakridge Drive then did some cleaning on Castle Drive. He said they also worked on Maple Lane to finish work there and they are now in Ward 6 removing a bridge deck and a pipe that is choking up the creek and causing flooding. Mr. Cinquepalmi said he will begin placing the baskets in the creek on Friday or Monday. He said there is quite a bit of concrete that needs to be removed from the bridge deck but they are also going to clean the creek in Mr. Polacek's back yard. He said once they open this up, it will be as wide as the bridge on Edgerton that the county installed and there should be no more restrictions.

Mr. Willey reviewed the list that Mr. Cinquepalmi distributed and asked that the Cinnamon Lakes project be removed from Ward 1 and placed in the correct ward which is Ward 3. This will be corrected.

Mr. Nickell asked if the city maintains a list of residents who call with culvert issues. He said he has residents ask why certain culverts have priority over others. Mayor Stefanik said we can justify why we are doing certain culverts based on the stormwater report. He said the Stormwater Crew works on the bigger culverts first then they work their way down the list to the smaller culvert issues. Mayor Stefanik asked if anyone sees pylons out to let him know because they are trying to get those projects done before the end of the year.

Mayor Stefanik asked if the culvert at Oakridge Drive and State Road is finished. Mr. Schmitzer said the Service Department has installed one catch basin in between the two driveways at that intersection. He said they are in the process of re-shaping the area to catch the water before it hits the road so it goes down into the sewer. He said there are still some problems with the sewer that need to be worked on. He said there are some homes on the east side of State Road, south of Oakridge Drive, where the homes sit below the road. He said there will be some ditching performed in that area to create a false backside which will catch the water off of the road and get it into the ditch and into the storm catch basins instead of into their yards. This is a temporary solution until they can come up with something more permanent.

Mr. Gentile asked Mr. Cinquepalmi if they are still working on Maple Lane. Mr. Cinquepalmi said that this project is finished. Mayor Stefanik said he spoke to Mr. Orr and he said the water was flowing fantastic on his side of the street. Mr. Gentile asked Mr. Cinquepalmi what type of work was done in this area. Mr. Cinquepalmi said he did some ditching work and said the bottom halves were in pipe. He said it is a flat area and there was not a lot to work with. Mr. Schmitzer said this project had to be changed one or two times because the sewers that are on the property do not function at all. He said they actually flow to the middle of his property and have no outlet. Mr. Schmitzer said the Stormwater Crew created channels on the side where the water goes and got that to the new ditch that they widened and made the water flow out. He said this will

help relieve the water. He said they then took the dirt they had and mounded it to take care of low lying areas. Mr. Gentile asked if this is something that has been sediment over the years because the water did not move very much. Mr. Schmitzer said the problem is that when Lisa Lane was put in that whole drainage way was flat. He said what they have done will be a tremendous help in the area, but said it will not resolve the situation 100 percent. He said he does not believe there is anything that will change the situation 100 percent without some costly changes.

Mr. Willey asked about the catch basin on South Hampton Drive on Handover where there is a sinkhole in the driveway and asked if this has been repaired. Mr. Cinquepalmi said they have not gotten to that yet. Mr. Willey also asked about the culvert at the end of Mapleridge Drive. Mr. Cinquepalmi said the Stormwater Crew was out there earlier this year and they ditched some of the backyard out from the property to the neighbor's property. He said there is a bridge that crosses the driveway and said it is not obstructing anything.

## 2. **Citizens Committee Flooding Report Addendum**

Mr. Schmitzer said the last time the addendum was discussed one of the projects on the list was the Akins Road project. He said there are three different projects on Akins Road that are on the priority list. He said they are probably about 5-6 months out from starting these projects. He said other parts of the addendum include Chesapeake Regional and Cedar Estates. He said he is trying to finalize a meeting with the landowner of Cedar Estates to make sure we have everything in place to get the purchase of land settled prior to going out for bid. Mr. Schmitzer said once this is finished, he can prepare the bid book and get this project out for bid. He said it may go out for bid before the end of the year. He said one of the key issues he is working on this week is finalizing the city contract documents, specifically adding some definitions and language to better describe the scope of work as well as the key part which deals with change orders. Mr. Schmitzer said he went through some lengthy reviews of other municipalities and what they have as far as setting limits, setting precedence on what the process is and understanding up front. He said Broadview Heights has a very good process that is very clear. He said he should have this to Council soon for their review. He said after Council reviews it, he feels our contract books will be set up a little bit better than they were in the past. If everyone is comfortable, we can go out for bid on some larger projects.

Mr. Nickell asked about going after federal funding for Cedar Estates. Mr. Schmitzer said we were seeking federal funding for both the Cedar Estates project as well as the Chesapeake project. He said all of the projects that are outstanding are projects where we were seeking additional funding. He said we are still looking for opportunities and there may still be an opportunity for us before we award the Cedar Estates project. Mr. Antoskiewicz asked Mr. Schmitzer what the time frame will be of the Cedar Estates project. Mr. Schmitzer said it will be a lengthy project because it is an existing subdivision with existing homes and utilities. He said it could take anywhere from 3-6 months.

Mr. Nickell asked if work is being done in between the yards on Applewood Drive and Cedarwood Drive. Mr. Schmitzer said where the existing storm sewers are, the Stormwater Crew will either be upsizing them or cutting them off and re-routing them different ways. Ultimately the creek on the backside of Applewood Drive will either be re-established to the way it was or another option is to pipe it in. He said they will bid it out both ways.

Mr. Nickell said that residents on Wildwood Drive are concerned that their street will be torn up. Mr. Schmitzer said most of the work will be done on Applewood Drive and Cedarwood Drive. He said residents on Wildwood are probably relating this project to the sinkholes they have in the streets from the catch basins sinking. He said these two projects are not related. Mr. Schmitzer said he can make some information available to Mr. Nickell that he can share with the residents on Wildwood Drive. Mr. Willey asked about the creek that comes behind Beechwood Drive. Mr. Schmitzer said that is not part of this project.

## 3. **Turnpike Run-Off Study**

No Update.

**4. Edgerton Road 5240/5242/5244**

Mr. Schmitzer said this is the project that Mr. Cinquepalmi was referring to in his report. Mr. Schmitzer said this project is progressing along very well. He said the Stormwater Crew is working on the culvert at 5228 Edgerton Road. He said he feels once everything is removed it will be a vast improvement. He said the concrete from this project will be re-used as an anchor for the sides due to the large amount of water that comes through that area.

**5. Need for ditching on State Road from Wallings Road North**

Mr. Schmitzer said this is going to be part of the State Road Resurfacing Project.

This item can be removed from the agenda.

**6. The Patrician/Athenian Village**

Mr. Schmitzer said that out of the eight projects on the priority list this is number 6. He said currently they are working on number 3 which is taking longer than expected.

**7. 2009 Projects**

Mr. Schmitzer said some of the 2009 projects have been completed. He said the Abbey Road project is finished and the residents he has talked to seem happy. He said he is now filing the paperwork with FEMA to close this project out. He said there are a couple of minor items which they will work with the contractor to correct. He said they are also working on the Pamela Drive project and said they are trying to contact the contractor in order to finalize this project. Mr. Schmitzer said they are holding about \$330,000 back on this project. He said there are some formalities that need to be taken care of. He said there are also some landscaping issues with some of the residents. Mr. Schmitzer said the road appears to be in decent condition. He said there are a couple of areas they are going to re-work, one of them being the eastern most intersection where gravel is washing across the road. This area will be filled up so it is pitched back so the water does not carry the stone across the road. He said overall he is happy with the way the project turned out and said the residents in that area have not had any flooding issues. Mr. Nickell asked about the sinking in the driveway of the resident that lives at the end of the street. Mr. Schmitzer said that area has disappeared. Mr. Nickell also asked if the City of Cleveland Water Department did anything with the water main. Mr. Schmitzer said supposedly they did shut the main off, but he said he still sees water coming out of that shut off main. He said this main is supposed to be a dead main. He said it was originally put in to feed up to Sprague Road for circulation but they do not need it anymore because they do not have any water pressure issues and/or quality issues. He said that still does not leave him a solution as to what to do with a big hole next to a concrete basin, but he said they are working with them to find a solution. Mr. Nickell asked if we can just fill the hole with gravel. Mr. Schmitzer said he does not want to do anything until he hears from the Cleveland Department of Water.

Mr. Nickell asked if there is any danger that the catch basin by Pamela Drive could tilt. Mr. Schmitzer said it is already done settling and it is sitting on bedrock. Mr. Nickell asked if this is a situation where the city would just do fill-in work. Mr. Schmitzer said the city would pump in grout and fill it in. He said there is a lot of earth behind it and on the sides of it.

**NEW BUSINESS****1. Storm Infrastructure Maintenance**

Mr. Schmitzer said the contractor will be grouting sewers on Bunker Road, Stephanie Drive and Christopher Drive on Monday, Tuesday, Wednesday and Thursday. He said the contractor showed him the product and process they will use. He said the product is a liquid that mixes with another liquid product and within 11 seconds it is set. He said they have tested each joint and each joint so far has failed. Mr. Schmitzer said this is the best solution for the situation we have. Mr. Antoskiewicz asked if this product is guaranteed for a certain amount of time. Mr. Schmitzer said he will have to look into the guarantee timeframe. He said the company

showed him some testimonials from other places they have used this process, and the work has lasted 30 years.

Mr. Willey asked what the status is on W. Wallings Road where the residents' yard is getting washed out. Mr. Schmitzer said he does have notice of this, but nothing has been done at this address yet.

Mr. Nickell asked what type of work the Stormwater Crew will do this winter. Mr. Cinquepalmi said this is the best time of year for them to work on the creeks.

Mr. Antoskiewicz said he would like to thank the committee and the administration for all of their hard work. He said the committee has accomplished a lot in the last two years.

Mr. Nickell thanked Mr. Cinquepalmi for all of his work and for the Stormwater Crew's work as well.

#### **ADJOURNMENT**

Moved by Mr. Nickell, seconded by Mr. Gentile to **adjourn the meeting**. Yeas: 3. Nays: 0. **Motion carried.**

Meeting adjourned at 7:04 p.m.