

## **STORM WATER COMMITTEE MINUTES**

### **MAY 1, 2018**

The Storm Water Committee meeting was held on May 1, 2018 at North Royalton City Hall, 14600 State Road. The meeting was called to order at 6:17 p.m.

**PRESENT: Committee Members:** Vice Chair Dan Langshaw, Cheryl Hannan; **Council:** Larry Antoskiewicz, John Nickell, Paul Marnecheck; **Administration:** Mayor Robert Stefanik, Law Director Thomas Kelly, City Engineer Mark Schmitzer, Service Director Nick Cinquepalmi; **Other:** Lou Krzepina, Patrick Perhacs, John Jencson, Annette Jencson

Moved by Mr. Langshaw, seconded by Mrs. Hannan to **excuse Mr. Petrusky**. Yeas: 2 Nays: 0. **Motion carried.**

### **APPROVAL OF MINUTES**

Moved by Mr. Langshaw, seconded by Mrs. Hannan to **approve the April 3, 2018 minutes**. Roll Call: Yeas: 2. Nays: 0. **Motion carried.**

### **UNFINISHED BUSINESS**

#### **1. Storm Water/Infrastructure Maintenance Monthly Report**

A copy of which is attached to these minutes.

#### **2. 2017 Projects**

Mr. Schmitzer said that they will be scheduling inspections on all of the projects that we spent the \$5 million on to see how they are holding up and if there is any work that needs to be done. He said that the Cedar Estates project had a 3 year warranty that will expire in July, so he will be scheduling an inspection. There are probably a dozen or so items that we want to look at such as cracked aprons, etc. These will be covered under warranty and we wanted to wait as long as possible to ensure that no other cracks appeared. He said that they are also going to look at the Chesapeake regional basin, the Biro ditch, Lynn, Hawley and Delsy Drives and the York Road regional basin. He said that he met with Gross Builders today regarding the York Road regional basin and said that they will do a final clean up in the basin before it is turned over to the city. Mr. Langshaw asked that the gabions be looked at that run along Glen Abbey.

#### **3. Turnpike Mitigation**

Mr. Schmitzer said that they are finishing up the sidewalk plans for the York Road drainage by the ballfields. He said that at the request of Mrs. Hannan, he reached out to the Turnpike to find out if they planned on coming back and performing a noise study. He said that the Turnpike told him that they are not going to do another noise study. He said that they did a noise study initially that said that walls need to be put up at these heights and that is all that they are going to do at this point. Regarding the question of whether or not they are going to put up walls on the other side of the turnpike, the study did not show that they were needed on both sides. Mrs. Hannan said that she has received 3-4 calls from residents on the opposite side of the turnpike saying that it seems like the sound is louder because it is bouncing off of the walls.

### **NEW BUSINESS**

1. None.

### **MISCELLANEOUS**

**John Jencson**, 9610 Tilby Road addressed the committee. He said that their creek stabilization is not working. With the recent rains they have had a lot more erosion to the point where the top of their grass is now starting to slide down into the creek bed in areas where it did not do this before. He said that the work that was done changed the creek bed, so from their house to the creek bed they probably lost 4-6 feet. He presented pictures to the City Engineer and the committee. He said that it is only going to get worse the longer we let it go, and will be more involved and more costly to repair. The city is spending good money to get this done. He said that Mr. Nickell stopped over this afternoon to look. Mr. Nickell said that most of the armoring on the house

side has slipped down. He didn't know if we could install one level of gabions to help. All of the rocks and vegetation that were put in place are gone and slipped into the creek. Mr. Jencson said that the area of concern is the house side. The distance between the house and the creek is continuing to shrink. Mr. Nickell said that maybe we could do something similar to what was done on Hawley and Delsy. This work seems to have held up. Mr. Jencson said that the bridge area is not an issue, he is concerned with the bank that is close to the house. Mr. Schmitzer said that he spoke with the Jencson's last month and addressed it the best he could at that time via email stating that we would get the yardwork done when the weather permits. He said that he has contacted the landscaper that did the work last year. He said that both he and Mr. Jencson were pleased with this company's work. He said that he asked them to update him on the cost and get this on the schedule ASAP. He said that we got a grant to do this project and it was very limited on the scope of work we could do and we had to push to get the one set of gabions against the house on York Road. The creek was within two feet of the home. However we were unable to do any of the lining gabion work in the Jencsen's case. He said that he is hearing that this might be best for this area. He said that it seems that the erosion may be due to fill material previously put in place, possibly during the building of the home. He said that the only way to fix it is to start at the bottom and have a good solid base. Then everything on top can be stabilized without any further erosion. Mr. Nickell said that he agrees with this assessment. It looked like there was 8-10 foot concrete footers that are now catching the water and scouring behind it and dissolving it away. Mr. Schmitzer said that when Mr. Jencson did this, it was probably buried within the creek bed, but there is so much scouring and erosion going on that these are now actually up above the creek bed and caused one to actually tip over and allow water to get behind it and it is causing the loose soil to continue to fall. Mr. Jencson said that he thinks that the water that is getting behind it is from when the drain pipe was cut short and going over the rick rack. You can see underneath where it has made a path and is going behind the first piece of concrete and then downstream. He said there is a big void behind the first piece of concrete and behind the second one again and now it's just washing into the creek bed. Mr. Schmitzer said that he will do whatever Council wants him to do, but said that the grant was for a certain scope and type of work. He can assess the situation and give Council his opinion on what he thinks needs to be done, and if Council chooses to allow for additional work to be done, then he can do that. Mr. Jencson invited Council to come out and take a look. He said that it wasn't done right. He is not pointing fingers, but said that it is not doing the job. Mr. Langshaw asked if a gabion along the bend would help with the erosion. Mr. Schmitzer said it is his opinion that yes, this would help. Mr. Nickell said he would like us to look at it and see what can be done, maybe one row of gabions would be enough. He said that right now Mr. Jencson would be unable to sell his home. Mr. Langshaw said that he is also concerned about the residents downs the hill. He also felt that it wouldn't hurt to take a look at what our options might be. Mr. Schmitzer said that he will take a look at the situation tomorrow, make an assessment and see if we can get something working going forward.

**Patrick Perhacs**, 9600 Tilby Road addressed the committee. He said that he sent an email to Mr. Schmitzer last year regarding the contractor Set in Stone. He said that the promise was that everything would be returned as good, or better, than they found it. He said that the contractor refused to correct the slope in the tree lawn. He said that in 2014 he shoveled 9 tons of stone. He said when the contractor left, there were big boulders down the middle that are missing, the beehive inlet grate is almost covered over, and when he asked to have them come back and regrade, they came in and just dumped trucks of stone right on the tree lawn. He said that there is now standing water in the tree lawn and on the sidewalks. He said that the water is coming around the back side of the tree lawn and running downhill toward the creek and washing away all the top soil. He said that he can't even get a lawn mower down there because it is so wet. He said that Mr. Schmitzer said that he would have someone come back out when the weather breaks, but since this is the early part of the season, he wanted to make sure he brought it to everyone's attention and make sure we are all on the same page because he doesn't want to be continuously put off. Mr. Schmitzer said that if you look at the west end of the tree lawn where it meets the Jencson property, there is a 4 foot area that was left undisturbed and you can see that it comes off the road, pitches down and then it comes back up to the sidewalk. Mr. Perhacs showed pictures of the area. He said that instead of just regrading, he feels that they need to take some of the stone out and regrade what is there back into a "V". Mr. Schmitzer said that all of the stone needs to be pulled out, the subgrade needs to be graded so that it has the "V" in the middle, and then put the stone back on with the fabric underneath. Since the road is higher now, the additional stone can be put up against the road. Mr. Schmitzer

said that this is something he wants to talk about with the Mayor and Law Department. He is not comfortable with the contractor coming back. We have given them the opportunity to correct the situation. He said that we have a bond in place so he wants to talk about securing the proceeds from the bond to get the work done. Mayor Stefanik said that he just sent an invite to those involved to have a meeting at 10:30 a.m. tomorrow to talk about both issues and get the ball rolling.

**Mike Carosielli**, 11482 Albion Road, addressed the committee. He said that he has a problem with water and debris in the back and wanted to know if someone could come and take a look at it and see what can be done. Mayor Stefanik said that we can't do work on private property, but letters will be sent to the residents to clean out the area. Mayor Stefanik said that he will stop out sometime tomorrow and take a look at the situation.

**Lou Krzepina**, 8920 Edgewood Drive, addressed the committee. He said he lives in the Baldwin Creek flood plain and wants to share a success story regarding the water detention basin that the city worked so hard on. In the past they experienced 24-30 inches of rain in the lower part of his back yard after a heavy rain. After the April 15<sup>th</sup> storm, he said that they only had 4 inches of water. His theory is that the retention basins are holding the water back and letting the water flow north. He thanked everyone. Mayor Stefanik said that he and the Service Director were out at the retention basin last week and spoke with the resident who lives right next door to it. He said that it was the first time in 40 years that he hasn't flooded during a heavy rain. Mayor Stefanik said that there was also no flooding in the Industrial Park for the first time in 30 years thanks to the Gross Builders new retention basin that they put in. They put in a larger basin at our request and that held back all the water on the property and then released it slowly over the next day or so. Mr. Nickell said that he also visited the basin and said that the creek that was required to be left alone by the EPA is going to damage the basin in the long run. He said that by the time it gets down to the end where it is supposed to dump back in, it was overflowing. Mr. Schmitzer said that this is on the punch list. He said in order to keep the stream small, there was a gravel bed underneath the entire excavation in the area. So what the water did was found its way through the gravel bed and blew out the side of the creek, and now the creek dumps into the basin. We plan to excavate all the stone out, put a clay core back in and reestablish the creek.

Mr. Nickell said the entrance to the pipe to Applewood that goes towards the sewage plant is scouring the bank away at the north corner of the entrance going behind the big pipe. He said that it is beginning to go around the headwall. Mr. Schmitzer said that it has always worked this way. Mr. Schmitzer said that he heard from the owner of 9900 Applewood and they told him that this is the first time they have not had water in their basement. Mr. Nickell said that he did not received any calls from any of his residents saying they had water in their basement. In the past, he would receive as many as 100 calls after a rain like we just had.

#### **ADJOURNMENT**

Moved by Mr. Langshaw, seconded by Mrs. Hannan **to adjourn the May 1, 2018 meeting**. Yeas: 2. Nays: 0.  
**Motion carried. Meeting adjourned at 6:53 p.m.**

Street Department & Storm Water Monthly Report – April 2018

4/2/18-Mon.

Storm Water-12821 Drake Rd. finish repairs and backfill.

Patching-Edgerton Rd. then start on Oakwood Ln.

Catch Basins-St.Thomas Woods, pour concrete in the four basins we rebuilt last week.

4/3/18-Tue.

Storm Water-now that our work is completed on all the basins in St. Thomas Woods we will clean out all the catch basins and jet the laterals in St. Thomas Woods.

Catch Basins-start the basin repairs in the Planets.

Patching-Rt.82, Edgerton Rd., Boston Rd. and Ridge Rd.

4/4/18-Wed.

Storm Water Catch Basins-continue work in the planets.

Patching-Sprague Rd. Royal Valley and Helen Dr.

Vac. Truck-continue in St. Thomas Woods.

4/5/18-Thur.

Plowing- North of Rt82. Heavy snow for a few hours, spent the morning cleaning up.

14625 & 14607 State Rd. add stone to the Berm. Same crew went patching in the afternoon.

Storm Water Catch Basins-continue work in the Planets.

4/6/18-Fri.

Storm Water Catch Basins-finish setting up the 4 basins in the planets for an afternoon pour.

Patching.

Signs- deliver the H.H.W. to the county in the morning, Fix signs in the afternoon [per N.R.P.D.].

4/9/18-Mon.

Storm Water Catch Basins-Start another round of catch basins in the Planets; saw cut & hammer out [5 total].

Ditching-we need to ditch three different property's for future culvert replacements.

Patching.

4/10/18-Tue.

Storm Water Catch Basins-remove and replace 5 basins and set up for a Friday pour.

Landscaping-Spring clean up, fixing the sod by the curb on all the plow routes. We will go through every development in the city [we should be finished in a couple of weeks].

4/11/18-Wed.

Asphalt-Rt82.grind out long strips and fill with hot mix [the plant is temporally opened].

Storm Water Catch Basins-continue work in the Planets.

4/12/18-Thur.

Asphalt-continue work on Rt82.

Storm Water Catch Basins-continue work in the Planets.

4/13/18-Fri.

Asphalt-continue work on Rt82.

Storm Water Catch Basins-finish the rebuilds and pour the concrete in the afternoon.

4/16/18-Mon.

Storm Clean Up- Called in all the guys on Sunday night [heavy rains all day and into Monday morning].

4/17/18-Tue.

Salting-snow on and off all day.

Patching.

4/18/18-Wed.

Ditching-8767 Parkdale, Storm Water also needed to lower the catch basin for the water to flow properly.

Vac. Truck- jet & vac. basins and storm Lines on W. Hampton Dr.

4/19/18-Thur.

Ditching-on Tilby. Also on Cady Rd.

Patching-going into our developments to cold patch, [waiting for the asphalt plant to open].

4/20/18-Fri.

Asphalt-continue repairs on Rt.82

Storm Water Catch Basins-continue work in the Planets.

4/23/18-Mon.

Asphalt-3165 Sprague Rd. in the morning install the asphalt apron [from culvert replacement two weeks ago]. We had to wait for the Asphalt plant to open. In the afternoon we continue work on Rt. 82.

Storm Water Catch Basins-continue work in the Planets.

4/24/18-Tue.

Asphalt-continue work on Rt.82.

Storm Water Catch Basins-continue work in the Planets.

4/25/18-Wed.

Storm Water Catch Basins-set up 4 basins for concrete, we will pour them Thursday.

Asphalt-finish one side of Rt.82 to York Rd. We will start the west bound lane Thursday.

4/26/18-Thur.

Storm Water Catch Basins-pour new concrete around 4 basin repairs in the Planets.

Asphalt- Start west bound lane on Rt.82.

4/27/18-Fri.

Storm Water Catch Basins-start the last 4 basins in the planets.

Asphalt-finish Rt.82.

4/30/18-Mon.

Storm Water Catch Basins-continue work in the Planets.

Asphalt-grind & remove 6 to 8 bad spots in the Y.M.C.A. driveway. Filled with new asphalt.