

## STORM WATER COMMITTEE MINUTES JANUARY 6, 2015

The Storm Water Committee meeting was held on January 6, 2015 at North Royalton City Hall, 14600 State Road. The meeting was called to order at 6:04 p.m.

**PRESENT:** Committee Members: Chair Steve Muller, Vice Chair John Nickell, Dan Langshaw; Council: Larry Antoskiewicz, Dan Kasaris, Paul Marnecheck, Gary Petrusky; Administration: Mayor Robert Stefanik, Service Director Nick Cinquepalmi; Other: Alan Long, Terri Long, John Jenson, Laura Kemp.

### **APPROVAL OF MINUTES**

Moved by Mr. Langshaw, seconded by Mr. Nickell to **approve the November 5, 2014 minutes.** Yeas: 3.  
Nays: 0. **Motion carried.**

### **UNFINISHED BUSINESS**

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

Mr. Cinquepalmi reviewed the monthly report, a copy of which is attached to these minutes.

2. **2015 Projects**

Mayor Stefanik said that we can group Items 2 and 3 together. He said that we met the NEORS D on site twice in the last few weeks and we are having a meeting with them again on Thursday to go over those outstanding projects to see which ones they might be able to do. He said once they decide what they can do for us, we will have to carve out the other projects and go out to bid ourselves. We should know what they are doing by Thursday.

Mr. Schmitzer reported on the Cedarwood project. He said that they are almost done with the Applewood portion which is the main run that drains most of the subdivision. They are almost to the intersection of Cedarwood and Applewood. He said they are finding a lot of things that have not been built to the standards we use today. Mr. Kasaris asked him to explain what they are finding. Mr. Schmitzer said when you build a subdivision you design it so that you can gain access in order to be able repair a storm sewer, sanitary sewer or water main in the future. We don't want to have a watermain right on top of the sewer and in the way, but that is what we are finding. The plans say one thing, but the actual location is different. He said that the contractor shut down today for the rest of the week due to the weather. He said that a notice is going out to the residents advising that we will be shutting their water off during the day as a precaution in case the water main breaks or becomes damaged. We don't want water everywhere. Cedarwood still needs to be finished, as well as the three cul-de-sacs; Hickory, Sassafras and Elmwood. He said that the sewer work should be completed sometime in February, weather permitting. He said that they have poured most of the driveway aprons that they have crossed already before the cold weather hit and that will just leave sidewalks and planting restoration to be done in the spring. He said we have the contract until mid or end of July, so there will plenty of time to get everything done. He spoke with the consultant today about Phase II, which is the regional storm water facility. They are having their final applications prepared for the EPA and Army Corps to submit by the end of the month. He said that we met with the Army Corps and EPA at the end of last year and those two entities were not on the same page on what we wanted to do so we had to go back and forth between them and figure out a compromise. He said that what the EPA wanted us to do was to only allow us to dig a very small hole and not detain anything. The Army Corps was a bit more lax and allowed us to do other things so we compromised in submitting a solution that we hope will go through. He said that both agencies have been informed that we want to be under construction in June 2015. He said that he has spoken with Soil and Water about the creek between York and Tilby. We have grant funds that will be awarded to the city to perform some work there. We are working with the grant guidelines. We have until September of 2015 to spend these funds. We hope to be doing this work late spring or early summer. Mr. Nickell asked where the grant money is coming from. Mr. Schmitzer said that these funds are from the Soil and Water Conservation District. The grant is called "Stopping Sediment at its Source in the Rocky River Watershed". Mr. Antoskiewicz asked if there is a set dollar amount on the grant or are they just going to pay for the project cost once we figure out what that will be. Mr. Schmitzer said that he is not sure if there is a set dollar amount, but through his discussions

with Soil and Water he has been assured that there are enough funds in there to cover everything with no out of pocket money from the city. Mr. Nickell asked if there will be work performed on Cedar Estates should the weather warm up. Mr. Schmitzer said yes. The only reason they cut it off is because of how cold it is right now and because we are encountering the water main and exposing it. Every day that we expose this main we have to cover it back up so that it won't break. He said it is that much more time that they must spend to ensure that it is backfilled properly and that takes away from their production time. When they started looking at the numbers on how much production they could get done, they decided to cut it at least for this week. Hopefully next week will be warmer and they can get back to work. Mr. Nickell asked if they will leave the big machinery on the lawns while they are shut down. Mr. Schmitzer said that they will probably leave it in the tree lawn area. If this continues for an extended period of time, we can ask them to move it to a different location, possibly the stub street on Wildwood up on the north end. Mr. Schmitzer said that we are digging in an existing subdivision and things are not per plan, there were no record as built for this subdivision and we went based off of what was proposed and we are finding a lot of stuff that is not correct and is being corrected at no cost to the city by the contractor. Mr. Schmitzer said that there are some pending additional charges for some down time that will be discussed with the contractor. He said that he feels strongly that our contract clearly states that it is part of their unit cost to explore and know the area ahead of time. He said there are some extenuating circumstances where something comes up that no one could ever know and that is something he would be OK with, but he is not paying for every time they stop to do an exploratory dig; it's their job to do this and that is what they bid the project for. Mr. Nickell said that now that we know that the water lines are not placed where we thought they were, can they use metal detectors to find these lines, or is this something that the water company can assist with. Mr. Schmitzer said that the unfortunate thing is that we have nowhere else to put the storm sewer, so even if we knew ahead of time where things were, it doesn't help us because we can't move the storm sewer to another location because we are restricted by the right of way. Mr. Nickell said that he has not received any complaints about the work being done, so things must be going well. Mr. Kasaris asked if Mr. Schmitzer anticipated any change orders for this work. Mr. Schmitzer said no. There have been a couple of changes to the contract but that is covered under the contingency that we have in the contract which is about \$180,000. He said that he does not anticipate any change orders at this time providing things go as they have been. He said that if there is any money left we may look at having the catch basins in the street rebuilt by the contractor while he is out there this spring. He said we are finding a lot of the catch basins have loose bricks without any mortar or grout. They are just bricks stacked on top of each other and a street sitting on it. He said that we need to figure out which ones need to be rebuilt and get a price from the contractor. If it is a good price we can have him do the work. Mr. Langshaw asked if there is any recourse for residents who may have concerns or need some things repaired. Mr. Schmitzer said that the inspector from Solar Testing has been very involved with the residents and encourages them to let her know if they need anything and she will try and take care of it right then and there. After we accept the contract as completed, we still have a three year guarantee on the project.

John Jenscon, 9610 Tilby Road, said that after the November meeting he received a phone call and a letter from Mr. Bartley at Soil and Water telling him what they think they can do with their grant but he talked about cost sharing of 75%. He said that a lot of the things that Mr. Bartley mentioned in his letter such as grading the stream bank back and planting trees really aren't going to work. The letter also said that the gabion baskets are not covered under the grant. He said that he is not sure of what options Soil and Water think are going to work but he would be interested in finding out before anything happens. He said that there seems to be some sort of disconnect between Soil and Water and the city. Mr. Schmitzer said that he doesn't know if there is a disconnect between the city and Soil and Water, but he does know that Mr. Bartley has said that it is a 75%/25% grant and that there is another grant out there that he can use to cover the 25%. Mr. Bartley felt confident that 100% of the cost would be covered by these grants. Mr. Schmitzer said that our initial idea was to use gabion baskets because we have seen success with these in the city, but unfortunately a lot of grant programs do not allow the gabion baskets. Mr. Schmitzer said he told Mr. Bartley to be very creative in how he puts together the application for the grants so that we can have something that is similar in nature. He explained to Mr. Jenscon that for the neighbor to the south of him, the slope is pretty high and it is carving there. If they were to lower that it would ultimately cause less

erosion on Mr. Jencson's side and there would be armor and plantings of some type by his side which would have the creek go away from the house. He said for Mr. Jencson's property it would be a bit more involved but it would also involve digging to the east and lowering that bank so that it is not right against the tall bank by his property. He said this is where they are still working out the details but we feel that we can get something successfully implemented that will work under this grant program.

Laura Kemp, 8700 Boston Road, asked for an update regarding her property. Mayor Stefanik said that the sewer district has been out to her property a couple of times and will be coming back here on Thursday to attend a meeting to discuss which projects they will be doing for the mitigation from the May 12, 2014 storm. If they are not going to do this, then it is something we will be doing, so either way this will get done. Ms. Kemp asked if there was a time frame. Mayor Stefanik said no, only because he doesn't know what the sewer district is going to do. He suggested that she call him on Friday after the meeting.

3. **Ohio Emergency Management Projects**

Discussed under Item 2 above.

4. **Turnpike Mitigation**

Mayor Stefanik said that between North Royalton, Strongsville, Olmsted Falls and Olmsted Township it is a \$3.5 million project. ODOT said that it will be a 2015-2016 project. The first thing ODOT will do is get the four cities together to discuss this and he is hoping that ODOT will oversee the project. He will advise when he hears further.

**NEW BUSINESS**

No new business

**MISCELLANEOUS**

Mr. Kasaris asked Mr. Schmitzer for an update on the waterline that was put in on the north side of Boston Road. Mr. Schmitzer said that he will get an update from Medina County and advise.

**ADJOURNMENT**

Moved by Mr. Nickell, seconded by Mr. Kasaris **to adjourn the January 6, 2015 meeting.** Yeas: 3. Nays: 0.

**Motion carried.**

Meeting adjourned at 6:27 p.m.

Storm Department Monthly Report – December 2014

Dec 1 <sup>st</sup>	<u>11001 Greory Ln -</u>	Removed concrete pieces from creek and restacked along the bank for erosion control.
Dec 2 <sup>nd</sup>	<u>Service garage-</u>	Screening stone making clean #1s and #2s and stock piling.
Dec 3 <sup>rd</sup>	<u>Service garage-</u>	Screening stone making clean #1s and #2s and stock piling.
Dec 4 <sup>th</sup>	<u>9861 Applewood-</u>	Televised lateral located cleanout.
Dec 5 <sup>th</sup>	<u>12770 Abbey Rd-</u>	Hydro excavated 4' installed a 2x2x3' catch basin connected a 12" Storm line .
Dec 8 <sup>th</sup>	<u>12770 Abbey Rd-</u>	Connected a 6" storm line into catch basin mortared 12" and 6" Pipes into the catch basin and backfilled with clay dirt.
Dec 9 <sup>th</sup>	<u>5167 Wiltshire Rd-</u>	Hydro excavate 4' to a 12" concrete pipe made a concrete patch On the connection of a 12" galvanized pipe into a 12" concrete pipe backfilled with clay dirt.
	<u>10282 ForestWood-</u>	Sink hole – Televised a 36" concrete storm main located 3 joints Leaking.
Dec 10 <sup>th</sup>	<u>5030 Button bush-</u>	Excavated removed concrete sidewalk and apron added stone And tamped formed sidewalk and apron.
Dec 11 <sup>th</sup>	<u>5030 Button bush-</u>	Added stone and tamped installed rebar and mesh poured 9.5 yds of concrete- laid blankets over concrete.
Dec 12 <sup>th</sup>	<u>5030 button bush-</u>	Backfilled clay dirt along sides of new sidewalk and driveway apron.
Dec 15 <sup>th</sup>	<u>10282 Forestwood-</u>	Sinkhole- excavated 7' to 36" concrete storm main, removed dirt Around The joint of the pipe made a concrete patch around the connection Backfilled with clay dirt to grade.
Dec 16 <sup>th</sup>	<u>10282 Forestwood-</u>	Sinkhole #2- Patched the joint of 36" concrete storm main from inside the pipe with a hydraulic cement.
Dec 17 <sup>th</sup>	<u>Flood patrol-</u>	Inspection of grates and culverts of debris and removal of leaf And logs ,silt build up in front of grates.
Dec 18 <sup>th</sup>	<u>Service Dept.-</u>	Patching
Dec 19 <sup>th</sup>	<u>Service Dept-</u>	Salting streets
Dec 22 <sup>nd</sup>	<u>10177 Lynn Dr-</u>	Jetted 12" storm main then televised line found no issues .

	<u>16756 Bennett-</u>	Televised 12' crossover found joints separated in line.
	<u>17349 Bennett-</u>	Televised 12'' crossover found cracked pipes and separated joints.
Dec 23 <sup>rd</sup>	<u>10371 York Rd-</u>	Catch basin repair- replaced loose bricks installed a 6'' riser with A bee hive grate.
Dec 24 <sup>th</sup>	<u>11775 Ivy Ridge-</u>	Installed a new grate on a 2x2x4 catch basin.
	<u>6201 Padua-</u>	Jetted 12'' storm main
Dec 26 <sup>th</sup>	<u>13447 State Rd-</u>	Sinkhole- Hydro excavated 4' to a 12 clay storm main repaired 2 Joints with A concrete patch backfilled with stone around the pipe and backfilled the trench to grade with clay.
Dec 29 <sup>th</sup>	<u>Memorial Park-</u>	Excavate and removed concrete trucked away .
Dec 30 <sup>th</sup>	<u>Memorial Park-</u>	Excavate and removed concrete and wood and trucked away.
Jan 2 <sup>nd</sup>	<u>Memorial Park-</u>	Excavate and truck dirt away.