

STORM WATER COMMITTEE MINUTES FEBRUARY 3, 2015

The Storm Water Committee meeting was held on February 3, 2015 at North Royalton City Hall, 14600 State Road. The meeting was called to order at 6:06 p.m.

PRESENT: Committee Members: Chair Steve Muller, Vice Chair John Nickell, Dan Langshaw; Council: Larry Antoskiewicz, Dan Kasaris, Paul Marnecheck, Gary Petrusky; Administration: Service Director Nick Cinquepalmi, City Engineer Mark Schmitzer; Other: Laura Kemp, Lou Krzepina.

APPROVAL OF MINUTES

Moved by Mr. Langshaw, seconded by Mr. Nickell to **approve the January 6, 2015 minutes.** Yeas: 3. Nays: 0. **Motion carried.**

UNFINISHED BUSINESS

1. Storm Water/Infrastructure Maintenance Monthly Report

Mr. Cinquepalmi reviewed the report, a copy of which is attached to these minutes. Regarding 8700 Boston Road, Mr. Cinquepalmi said that they have a good solid plan that has been used many times before and it has worked every time. He said they had hoped to start the project this past Monday but could not due to the snow. He said that he hopes to start getting some of the equipment down in the creek this week to start preparing to build the gabion baskets. Mr. Kasaris asked for an explanation of the plan. Mr. Cinquepalmi said we are going to restore the bank and the land that was lost where all the erosion took place from the back of her house up to the shed. He said we have had fantastic success with the gabion baskets. He said the project is approximately 140 feet long. Once we get the wall built the property will gain another 5-6 feet. The main reason we are doing this is to shore up the sewer lines that are exposed along the house and to protect the house from being washed away. He said that weather permitting we can be done within a matter of weeks. Mr. Kasaris asked if we are doing any backfilling. Mr. Cinquepalmi said that we are going to backfill with the same material we use to fill the baskets which is a 601D stone. He said that the baskets will be anywhere from 5 to 7 feet high, with the first 18 inches being in the creek bed for the footing. He said that Mr. Schmitzer had dealt with Hinckley and some of the residents on the opposite side of the road because we need to get into the creek and we need to do this from the Hinckley side. Everyone has signed off on this and we are ready to start. He said that the baskets have already been built, all we need to do is put them in the ground.

2. 2015 Projects/Ohio Emergency Management Projects

Mr. Schmitzer said that the Cedar Estates project has been experiencing some delays due to the weather. He said they are working on Cedarwood and that is the last major stretch. He said it is a shallower run than everything else that was done on Applewood from the Bauer residence back out towards York Road. There are 3 cul-de-sacs that need a little work. Once it warms up a bit, they will pour the driveway aprons and suspend the remainder of the work until spring and will come back and restore the grass, trees, and the rest of the cleanup work. He felt that they probably have a couple of weeks work left to do it's just whether or not they can get it done all together or if they have to break it up. It costs them money if they have to break it up so they will most likely hold off on doing the work until they can have a one or two week stretch of good weather to get good production out of the crew. Mr. Nickell said that he has received very few complaints and in fact has received compliments from residents on the job that is being done. Mr. Schmitzer agreed that the crew on this project has been exceptional, including the inspector from Solar Testing. Mr. Antoskiewicz asked for an update on the retention portion of this project. Mr. Schmitzer said that the consultant has plans that are going to the US Army Corps of Engineers for a permit by the end of this week. The Army Corps makes us submit 3 different plans; what we want to do, least environmental impact, and the most environmental impact. They then weigh all of these options and come back and tell us what they will and will not agree to. He said that he provided the consultant with information stating that we wanted to get this constructed this summer. This consultant has now brought on another consultant who is very well known in the industry in his ability to expedite the permitting process. This is at no additional cost to the city. This will help us to expedite the process, get the plans finalized and out to bid. He said we are on track to have a June-July construction start. Mr. Antoskiewicz asked how long it will

take to complete the project. Mr. Schmitzer said it would probably take 3 months total to do everything. Mr. Schmitzer said that at the last meeting we had some residents here from Tilby and York who are along that portion of the creek and they had some concerns about Soil and Water and there being a disconnect with the city. He said that he spoke with Jared Bartley at Soil and Water and he stated that he made it clear to the residents that gabion baskets were not allowed as part of the grant, but selective amounts of rip rap stone is permitted. He said that this is basically a gabion basket without the cage. He said more likely it will be cutting the slopes back to lessen the burden so there is no erosion and putting some matting and plantings down. We don't know yet if this will be the ultimate, long term fix but it is completely covered by grant monies. Mr. Schmitzer told Mr. Bartley that he would like to meet with the residents once we finalize a plan and sit down and explain to them what will happen. He said that if the residents do not want to move forward on it, then we won't, but ultimately if something needs to get done here it is their property and we will explain to them that they would need to get permits and do this all on their own. He said that he will suggest that we come in and do this under the grant money which we feel will help significantly and then see how it reacts. If there is still a little work that needs to be done, it will be a lot less than doing the whole thing from scratch. Mr. Nickell felt that the residents will be willing to cooperate with this project. Mr. Langshaw felt that this was a good way to proceed.

Regarding the Ohio Emergency Management Projects, Mr. Schmitzer said that the sewer district has agreed to do 4 projects out of the 10 that we had approved. He said we are working on an agreement with the sewer district to get this work done. The 4 projects are: 6300-6400 Bunker Road where the creek on the north side has filled in with shale; 6373 Bunker where there is an exposed sanitary sewer; 9040 Wildwood outlet ditch for Cedar Estates that dumps into Baldwin Creek; and 8963 Abbey where they will be dredging the pond there known as "Razek's Lake". Mr. Nickell said that this dredging will help the people in the back of Abbey and those who are a few houses up from Sprague. Mr. Schmitzer said the basin will actually function as a stormwater facility to slowly release the water. Mr. Schmitzer said that they spoke with the OEMA a few weeks ago and we were concerned about the timeline and getting done by May 12, 2015 due to weather we have. OEMA told us that we can request a time extension but they didn't want us to do that yet. They wanted to see some progress on the work and as we get closer, we can show them what has been done and they can grant an extension, then as we get closer to that deadline, they can grant us another extension if necessary. He said that he asked for a blanket extension until December 31, 2015, but they said they prefer to grant these incrementally so they can show that progress is being made. Of the 6 projects remaining, one has already been completed and the rest will be taken on by the city's storm crew or an outside contractor if necessary. He said we are still working on the final scopes for all of these projects. He said that the Hawley-Lynn-Delsy project is the biggest one and there have been a lot of discussions on this project. Mr. Nickell said that this project impacts 100 or more residents. He said that the residents know that we have been working on this and that we can't stop a 4 inch rain, but something more needs to be done here. He said that we know there were issues with the basin but we need to do something with the flow of this creek. Mr. Marnecheck asked what length of time increments can be requested for the time extensions. Mr. Schmitzer said any amount, but basically is it at the discretion of the OEMA and they told us that based on the progress they would give us appropriate extensions. He thought that they might be in 3 month increments. Mr. Marnecheck asked what is done with the silt that is dredged out. Mr. Schmitzer said that the sewer district will have it in their contracts to be disposed of offsite. For the projects we do in house we will handle our own material. There is a lot next to the Service Center that we have used in the past and there is always an opportunity somewhere that opens up for this type of material. Mr. Muller asked for the status of the Kingston Way retention basin creek area. He said at one point it sounded like it was close to what the residents were looking for, then it seemed like it got scaled back. The residents are looking for something to be more finalized so they know what will be done. Mr. Schmitzer said we are still redefining all the scopes based on what we have seen and what may or may not work while still working within the grant guidelines. He said that we don't yet have a solid plan for what is going to happen at Kingston Way. This is true for all of the other projects as well, with the exception of Boston Road. Mr. Muller asked if we have any idea when these scopes will be finalized. Mr. Schmitzer said it will be over the next 2 months that we will be working on this.

Laura Kemp, 8700 Boston Road, addressed the committee. She asked why they decided not to do the baskets from where the concrete barrier stops at the bridge up to the first tree. She said she was told that there were some large sandstone boulders there that were still intact, but there is still a portion that doesn't have these boulders and wasn't going to get the gabion baskets at this time. Mr. Schmitzer said that the scope of the work that was granted to us under the guidelines was to basically protect the sanitary sewer. We know that there will be a spot or two that doesn't have the original sandstone that was placed there when the county did the bridge deck years ago. The scope does not allow us to go in and just fill those things in, even though we would like to. Ms. Kemp said her concern is that it is right where the water is coming around the corner so the water will be hitting that area where there will be no baskets. She is concerned that the water will go behind it and wash out all the baskets. Mr. Schmitzer said that those stones weigh multiple tons each and they may have tilted one way or another, but they have not moved. He said that we should see how this goes and evaluate from there. Ms. Kemp asked if there was insurance if the project doesn't work, or is this a onetime deal with the grant. Mr. Schmitzer said it is a onetime deal with the grant. He said with the knowledge that the Service Director and Storm Water Supt. have on this procedure, they know what works and what does not. He trusts what they are proposing.

3. Turnpike Mitigation

Mr. Schmitzer said that the Turnpike Commission is working on the project and are in the planning stages at this time.

NEW BUSINESS

No new business

ADJOURNMENT

Moved by Mr. Langshaw, seconded by Mr. Nickell to adjourn the February 3, 2015 meeting. Yeas: 3. Nays: 0. **Motion carried.**

Meeting adjourned at 6:38 p.m.

Storm Department Monthly Report – January 2015

Jan 5 th	<u>6681 Sherwood-</u>	Vacd out catch basins and jetted lateral.
	<u>10093 Lynn Dr-</u>	Removed logs and debris from inlet of culvert.
Jan6 th	<u>Service Dept.-</u>	Snow removal and salting streets.
Jan 7 th	<u>Service Dept.-</u>	Snow removal and salting streets.
Jan8 th	<u>Service Garage-</u>	Maintenance on the box truck.
Jan9 th	<u>Service Dept.-</u>	Snow removal and salting streets.
Jan 12 th	<u>Service Dept.-</u>	Snow removal and salting streets.
Jan13 th	<u>Service Dept-</u>	Cold patching streets
Jan 14 th	<u>Brookside Circle-</u>	Removed old trash grate on inlet overflow pipe installed a Temporary street plate over inlet pipe.
Jan15 th	<u>City green-</u>	Removed Christmas decorations and Santa's houses.
Jan16 th	<u>Service Dept.</u>	Emptied salt trucks - washed trucks and cleaned pay loader.
Jan19 th	<u>Service Dept.-</u>	Cold patching streets.
Jan20 th	<u>Brookside Circle-</u>	Retention- Installed a new trash grate on inlet pipe.
Jan21 st	<u>Service Dept.-</u>	snow removal and salting streets.
Jan22 nd	<u>Service Dept.-</u>	Rt 82 @York water main leak- excavated 2" down added 304 Limestone compacted area added cold patch to grade and Compacted.
Jan23 rd	<u>Memorial Park-</u>	Excavated hauled dirt away from playground site.
Jan26 th	<u>Service Dept.-</u>	Snow removal and salting streets.
Jan27 th	<u>8700 Boston Rd-</u>	Measuring project site for materials. Cleaned area for stone delivery. Cold patching streets.
Jan28 th	<u>Service Dept.-</u>	Stacking 200 tons of 601D stone in yard Cold patching streets Building gabion baskets.

Jan29 th	<u>Service Dept.-</u>	Cold patching streets Stacking salt Build gabion baskets
Jan30 th	<u>Service Dept.-</u>	Snow removal and salting streets