

**STORM WATER COMMITTEE MINUTES
OCTOBER 7, 2014**

The Storm Water Committee meeting was held on October 7, 2014 at North Royalton City Hall, 13834 Ridge Road. The meeting was called to order at 6:08 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, City Engineer Mark Schmitzer; Other: Al Long, Terry Long.

APPROVAL OF MINUTES

Moved by Mr. Langshaw, seconded by Mr. Muller to **approve the September 2, 2014 minutes.** Yeas: 3.
Nays: 0. **Motion carried.**

UNFINISHED BUSINESS

1. Storm Water/Infrastructure Maintenance Monthly Report

Mayor Stefanik reported that we received notification late yesterday from the state that they approved almost all of our projects from the May 12, 2014 storm. Two projects still require that more information be provided. He said that this information was sent today. Mayor Stefanik reviewed the handouts he provided for the State Disaster Relief Program, a copy of which is attached to these minutes. He said that we will receive a check next week for the completed projects in the amount of \$123,589.14. This is for 75% of the cost. He said that we have until May 2015 to complete the rest of the work but he said if an extension is needed, we would probably get it.

Mayor Stefanik said that Council received a copy of the sewer district's inspection of the Royal Valley basin last month. He said we had a meeting with the Royal Valley Homeowners Association officers and showed them what we have already done and told them what they need to do. We are going to check the sediment levels and if they are bad enough, they are going to have to haul it out. Most of the remaining work is already done except for modifying the grade.

Mr. Cinquepalmi reviewed the monthly maintenance report. A copy of the report is attached to these minutes. He said that a vast majority of the time last month was spent at Memorial Park. He said they took advantage of the nice weather and were able to do a lot of the work that would have waited until spring.

2. 2014 Projects

Mr. Schmitzer reported that Cedar Estates is coming along very well. They are just about to make their way out to the street from the Bower residence. He said that the watermain was built differently than what was shown on the plans, so we have to relocate it. We were able to get Cleveland Water out and get a design change approved in a matter of a few hours. He said that this falls within the contingency and is roughly \$20,000 for the watermain adjustment so we can set the new manhole. He said that this manhole is critical because it is the new outfall of the entire storm system. He said he met a few weeks ago with Time Warner Cable and they are presently relocating all of their utility lines out of the tree lawns and into the utility easement where they belong. He said the project is on schedule to be completed by December. Mr. Nickell said that some of the residents have expressed to him that they don't want trees. Discussion was held regarding the trees being placed in the tree lawns for this project. Mr. Kelly pointed out that our code requires a tree in the tree lawns in subdivisions. Mr. Schmitzer said that there are several areas of Cedar Estates that do not have them. Mr. Cinquepalmi said that this may be due to the fact that if a tree dies of disease, the resident has the option of replacing it with the tree that is specified for that street, or not replace at all. He said a lot are choosing not to replant. Mr. Schmitzer said everyone involved in the Cedar Estates project will receive a tree as required.

3. **Hawley/Delsy/Lynn/Beechwood creek erosion and maintenance**

Mr. Muller said that this project is included in the State Disaster Relief Program documents discussed earlier.

4. **Turnpike Mitigation**

Mayor Stefanik said that we probably won't hear anything until next year.

NEW BUSINESS

Mr. Schmitzer said that two residents are present this evening who live upstream from the Cedar Estates project. At the Mayor's request, he went out with Cuyahoga County Soil and Water to look at the area. He said it appears promising that they have grant funds for improvements between Tilby and York along the creek. He said that if for some reason these funds are not available, he said he has a meeting the week of October 20th with the US Army Corps of Engineers to come out and look at our regional basin. We will have them review this street corridor as well and get any approvals we need so that it is set to go and so that we have money allocated for this in case the grant does not come through. He said either way, something is going to get done. Mr. Schmitzer reviewed the time lines based on the various grants available and said that he would like to be able to extend this into next year so that we are not pushed to get something done this year. Ms. Long asked who would be responsible for this project design. Mr. Schmitzer said that it would most likely be either the design consultants that we have already hired, or it will be a combination of the city working with Soil and Water. He said there are restrictions to the grant. They typically do not like to have hard armory everywhere. He said we are trying to find a way to creatively incorporate gabion baskets. Mr. Long wished to thank the stormwater crew for unearthing the manhole on top of the York Road creek. He said it was buried by about two feet of dirt for a long time. He said that this was the cause of a lot of flooding problems on the street.

ADJOURNMENT

Moved by Mr. Nickell, seconded by Mr. Muller **to adjourn the October 7, 2014 meeting.** Yeas: 3. Nays: 0.
Motion carried.

Meeting adjourned at 6:40 p.m.

Storm Department Monthly Report – September 2014

8/29/14

Memorial Park – remove sidewalk, excavated under power lines, install 20' of ADS pipe, backfilled sidewalk with premium stone to top of grade, backfilled pipe, poured sidewalk and headwall

9/2/14

Memorial Park – excavated 5' installed 80' of ADS pipe connected to a 4'x2'x2' catch basin, mortared 2 - 4" risers on to grade bedded pipe in stone backfilled trench.

9/3/14

Memorial park - excavated 6' installed 100' of ADS pipe made a connection to a 4'x2'x2' catch basin mortared a 6" riser on to grade bedded pipe and backfilled trench.

9/4/14

Memorial park- excavated 6' installed 100' of ADS pipe removed bridge bedded pipe in stone backfilled Trench

9/5/14

Memorial park- excavated 6' installed 30' of 15 ADS pipe excavated and installed a 4'x2'x2' catch basin mortared a 6" and 4" riser to grade bedded pipe in stone and backfilled trench.

9/8/14

Memorial park-excavated 4' installed 100' of 12" ADS pipe excavated and installed a 4'x2'x2' catch basin to grade bedded pipe in stone and backfilled trench.

9/9/14

Memorial park- excavated 4' installed 75' of 12" ADS pipe excavated and installed a 3'x2'x2' catch basin With a 4" riser to grade bedded pipe in stone and backfilled trench.

9/10/14

Memorial park- excavated 4' installed 28' of 8" PVC pipe made connection to the catch basin bedded pipe in stone backfilled the trench, saw cut the maintenance drive.

9/11/14

Memorial park- excavated 4' installed 50' of 8" PVC pipe made down spout connections for building Installed a 3'x2'x2' catch basin back filled maintenance driveway with premium stone.

9/12/14

Memorial park- mortared 8" connection into catch basin rear of restrooms graded dirt around catch basin and the building Saw cut the maintenance road excavated 5' installed 20' of 12" of ADS pipe backfilled maintenance road with premium stone.

9/15/14

Memorial park- excavated 4' installed 15' of 12" ADS pipe by tennis courts excavated and installed A 3'x2'x2' catch basin bedded pipe in stone and backfilled trench.

9/15/14

Memorial park-excavated 4' installed 15' of 12" ADS pipe by tennis courts installed a 3'x2'x2' catch basin bedded pipe in stone and backfilled trench.

9/16/14

Memorial park-excavated 5' installed 150" of 12" ADS pipe bedded pipe in stone and backfilled trench.

9/17/14

Memorial park- excavated 4' installed 80' of 12" ADS pipe excavated and installed a 4'x2'x2' catch basin To grade bedded the pipe in stone and backfilled the trench.

9/18/14

Memorial park-excavated 4' installed 120' of 12" ADS pipe excavated and installed a 3'x2'x2' catch basin To grade bedded pipe in stone and back filled trench.

9/19/14

Memorial park-excavated removed asphalt drive in front of restrooms –removed shrubs on south side Entrance of driveway, backfilled electrical repairs

9/22/14

100212 James town-Sinkhole- excavated around the grade ring centered the casting mortared casting In place, hydraulic cement joint in 36" storm main from inside the pipe.

9/23/14

Memorial park- excavated removed concrete from in front of rest room , set grade for concrete - set forms.

9/24/14

Memorial park- poured concrete pad in front of restroom pulled pins and forms.

9/25/14

Memorial park- saw cut concrete pad, graded area behind restrooms.

9/26/14

Memorial park- grading dirt- landscaping seed and straw.

9/29 14

Memorial park- grading dirt- landscaping seed and straw.

9/30/14

Memorial park-cut and removed flag pole -jack hammered 3'x4' concrete footer and removed concrete Filled hole with stone to grade.e Excavated a swale by transformereast of tennis courts.

10/1/ 14

9100 Abbey-excavated lowered ditch line.

5631 Goodman- flooded sinkhole located leak under pipe chipped out old mortar replaced with a Concrete patch landscaped seed and straw.

10/2/14

4485 Sprague Rd- Excavated 3' to 12" clay pipe cut and removed 7' of cracked pipe and replaced with 7' of 12" PVC pipe mortared connection into catch basin backfilled landscaped with Seed and straw.

10/3/14

5600 Goodman- vaced out catch basin- jettted out 12' storm main line between properties to north to the catch basin in the rear of the property cleaned of silt and dirt.

City of North Royalton
State Disaster Relief Program
PENDING Site Estimates - May 12th 13th, 2014

Site #	Category	Description	Cost Estimate	Estimate Minus 25% City Match
3	C - Roads and Bridges	Wastewater bridge/wall/fence damage	\$20,000.00	\$15,000.00
4	F - Utilities	Wastewater damage to site equipment	\$50,000.00	\$37,500.00
9	A, C - Debris & Roads	Clean sediment build up and repair bank erosion Lynn Dr, Hawley Dr, Delsey Dr, Beechwood Dr	\$175,331.00	\$131,498.25
10	A, C, D	Dredging and debris clearing @ 8963 Abbey retention lake	\$35,002.48	\$26,251.86
11	A, C - Debris & Bridge	Dredging and debris clearing @ 9040 Wildwood outlet pipe	\$13,364.02	\$10,023.02
12	C - Roads and Bridges	Cady Road berm erosion	\$32,438.88	\$24,329.16
13	A, C - Debris & Bridge	Clean out and repair creek bed 6300-6400 Bunker Rd	\$49,471.19	\$37,103.40
14	A, C - Debris & Bridge	Clean out & repair creek bed at culvert inlet - Kingston Way	\$58,618.43	\$43,963.82
15	A, C - Debris & Bridge	Clean out & repair creek bed/sanitary line 6373 Bunker	\$16,883.37	\$12,662.27
16	A, C - Debris & Bridge	Rebuild embankment - 9199 Shenandoah	\$18,615.04	\$13,961.28
17	A, C - Debris & Bridge	Rebuild creek embankment and repair sanitary 8700 Boston	\$34,037.54	\$25,528.16
18	A, C - Debris & Bridge	Clear debris and repair embankment by spillway 10061 Brookside	\$15,795.20	\$11,846.40
19	A, C - Debris & Bridge	Clear debris and repair embankment @ 8981 Elmwood	\$33,688.64	\$25,266.48
20	A, C, D	Rebuild diversion berm, removal of debris & stabilization Chesapeake Regional Basin	\$18,770.42	\$14,077.82
21	A, C - Debris & Bridge	Restoration of emergency spillway and inlet channels Chesapeake Regional Basin	\$20,149.43	\$15,112.07
			\$592,165.64	\$444,123.99

May not be eligible

City of North Royalton
State Disaster Relief Program
COMPLETED Site Estimates - May 12th 13th, 2014

Site #	Category	Description	Total Eligible	Minus 25% City Match
1	A - Debris Removal	Service Dept/Wastewater Dept hours & Equipment	\$122,041.73	\$91,531.00
2	B - Protective Measures	Fire/Police hours & Equipment	\$6,291.93	\$4,719.00
5	C - Roads and Bridges	Debris Removal culverts & ditches contracted work by Cuyahoga County Department of Public Works	\$14,125.00	\$10,594.00
6	F - Utilities	Repair of damaged Traffic Signal Control	\$2,500.00	\$1,875.00
7	A - Debris Removal	Debris Removal from contracted services (Rumpke, Cook, County)	\$19,826.85	\$14,870.14
			\$164,785.51	\$123,589.14