

Town of Canandaigua

5440 Routes 5 & 20 West
Canandaigua, New York 14424

DRAINAGE ADVISORY COMMITTEE

Established October 16, 2017

TUESDAY, MARCH 13, 2018, 11:00 A.M.

MINUTES—DRAFT #1

Meeting Called by:	Charles Oyler, <i>Chairperson</i>
Committee Members Present:	Richard Krebs Kathy Page
Town Representatives:	Eric Cooper, Town of Canandaigua Zoning Officer James Fletcher, Town Highway Superintendent Greg Hotaling, Town Engineer (MRB Group, D.P.C.) Kevin Olvany, Canandaigua Lake Watershed Council Stephen Schultz, MRB Group, D.P.C.
Guests:	Linda Dworaczyk, Town Board Member, 4940 Hillcrest Drive Leo Murphy, 3458 Sandy Cove Ted and Candy Obourn, 4967 Hillcrest Drive Bonita Powers, 3284 County Road 16 Mark Vail, 3457 County Road 16

1. CALL TO ORDER BY THE CHAIR

Mr. Oyler called the meeting to order at 11:00 a.m.

2. APPROVAL OF MINUTES OF FEBRUARY 27, 2018

The minutes of the February 13, 2018, meeting were approved as submitted. The minutes will be posted upon the Drainage Advisory Committee web page and will be distributed to the Town Board and Town staff via e-mail.

3. PRESENTATION BY LEO MURPHY, 3458 SANDY COVE

Mr. Murphy: Expressed concern about continuing flooding at his home at 3458 Sandy Cove and throughout the Sandy Cove area. Photographs taken on February 25, 2018, were distributed (and are attached). Additional photographs of the flooding submitted prior to the meeting by Mr. Krebs are also attached. Mr. Murphy said that he and his wife have had the property as their summer home for 50 years and that it has been in his wife's family for 70 years.

Mr. Murphy: Reported that the flooding began when a drainage pipe was installed under State Route 364 and the CMAC parking lot of about 30 acres was added. He said that portions of the Sandy Cove area upon which he used to be able to walk are now flooded, that trees are dying, and that there was no response to these concerns when he reported them to the New York State Department of Environmental Conservation (DEC).

Mr. Murphy: Said that water drains down the hill from new developments on County Road 18 faster than in previous years, fills a wetland, crosses backyards along Sandy Cove and empties into Canandaigua Lake, carrying with it debris and pollutants. He said that this is a huge problem for the residents.

Mr. Murphy: Said that he has been informed that it is unlawful to drain water onto the property of others and that it is the responsibility of a property owner to retain stormwater on the property. He said that he would like the drainage pipe under State Route 364 to be capped off, plugged or removed. Mr. Murphy suggested that this pipe is causing the flooding on the wetland and on everyone's property. He said that he is not sure who is responsible to retain the water flowing down the hill toward the lake. He suggested that at the very least a retention pond of a sufficient size should be installed to retain the water from coming down County Road 16, into the CMAC parking lot, into the wetland, under the road, and then onto the properties on Sandy Cove.

Mr. Olvany: Related to Mr. Murphy's comments today, Mr. Olvany continued his discussion from the previous meeting (February 27, 2018) on an Ontario County/Finger Lakes Community College (FLCC) project for the installation of athletic fields and drainage improvements. He reported that an option is to create an upland retention pond system or to expand the existing FLCC Canoe Pond to accept the drainage from the athletic fields and the surrounding 40-plus acres which now drain into the Sandy Beach/ Poplar Beach area.

Mr. Olvany: Explained that an objective of the Ontario County/FLCC project is to restore the drainage to pre-development conditions. He noted that the existing stormwater retention ponds adjacent to the CMAC parking lot were installed about 10 years ago and have worked well to a certain extent until the major storm of July 2017 which added about 60 acres of additional area to be drained due to a cross pipe under Country Road 18 having been blocked by debris carried by the storm.

Mr. Olvany: Said that the Ontario County/FLCC project also is expected to relieve the pressure on the retention ponds, to better utilize an open area for stormwater retention, and to lower the rate of runoff.

Mr. Murphy: Said that the drainage issues began long before the July 2017 storm.

Mr. Murphy: Asked why the drainage pipe was installed under State Route 364. He said that none of the drainage problems occurred prior to the installation of the pipe. Mr. Olvany said that decisions about State Route 364 are made by the New York State Department of Transportation (DOT) which maintains the road.

Mr. Oyler: Asked about the condition of the pipe and noted that the water has to get from one side of the road to the other. Mr. Murphy said that the water never flowed directly into the lake years ago. He said that stormwater runoff entered the wetland area which never flooded until the pipe was installed under the road and the CMAC parking lot was built. He said that they now experience flooding throughout the year, that wildlife is gone from the wetland and that the trees are dying.

Mr. Olvany: Said that the design of the culvert under State Route 364 is supposed to handle runoff from a portion of the FLCC campus and the CMAC parking lot. He said that the goal of the Ontario County/FLCC drainage project is to restore the drainage to its pre-development peak flow rates.

Mr. Olvany: Displayed an aerial photograph of the CMAC parking lot in 2004 prior to the installation of the retention ponds and another aerial photograph taken in 2016 after the installation of the ponds. The 2016 photograph showed that the parking lot had been slightly reduced in area to provide for the installation of the ponds.

Mr. Oyler: Said that he expects that the effectiveness of the ponds and the drainage will be reviewed during the evaluation of the bids for the new project.

Mr. Murphy: Asked about the effect on drainage from new development in the Town of Hopewell. Mr. Olvany said that a 10-acre development is now in litigation and may require further site plan and stormwater management reviews. He noted that another project in Hopewell would be located farther to the south and would drain to a gully to the south.

Mr. Murphy: Asked about the timeframe for the Ontario County/FLCC project. Mr. Olvany said that there are too many variables at this stage to provide definite dates. He estimated that it could be later this year or next year before the project could begin.

Mr. Oyler: Noted that a separate but complimentary 17-acre project in the area would be funded by a DEC grant.

Mr. Vail: Asked who is responsible for maintaining the culverts. Mr. Olvany said that Ontario County is responsible for maintaining the culverts on County roads. He noted

that these projects often cost hundreds of thousands of dollars and that the County is always reviewing locations of concern and prioritizing the work.

Mr. Oyler: Said that public awareness of keeping the stream beds free and clear of brush and debris is important to help keep drainage ditches and pipes clear. He said that tree branches and other debris are often found to be causing the blocking of ditches and culverts.

Mr. Murphy: Said he would like to see a moratorium on development in Canandaigua to provide time for the infrastructure to be evaluated. He said that the current infrastructure is not sized to handle the development which has occurred over the years.

Mr. Murphy: Asked about the function of the Drainage Advisory Committee. Mr. Oyler said that the committee has been charged by the Town Board with documenting the reported drainage issues and to coordinate with Town staff and other agencies on potential solutions. He said that the committee would make recommendations to the Town Board for funding considerations, would prioritize the identified drainage problem areas, and would serve as a sounding board for residents to present their concerns and to discuss their specific drainage issues.

4. DISCUSSION OF 3284 COUNTY ROAD 16

Ms. Powers: Expressed concern about flooding on her property at 3284 County Road 16 and on an adjacent parcel of land which she also owns. She noted that portions of her property are located in the City of Canandaigua and in the Town of Canandaigua.

Ms. Powers: Explained that water is entering her property from the Deerfield Drive and Middle Cheshire Road areas and that flooding has increased since the completion of approximately 80 new townhouses in the vicinity. She described the path of stormwater which flows into an area on her property which was a cow pond when the property was farmed years ago, and which then flows across County Road 16 to properties on the east side of the lake, and subsequently into the lake.

Ms. Powers: Said that several wet spots on her property have now become bubbling streams. She noted that drainage on the south side of her property is flowing across the property, over the road and into the lake.

Mr. Olvany: Described the drainage area of approximately 256 acres on the map and aerial photographs. He explained that a drainage divide is located in a corner of the Ferris Hills property, that 110 acres of this drainage area enter a stream system, and that Ferris Hills drains to a three-tiered pond system downstream of Ms. Powers's property.

Ms. Powers: Explained that water is bubbling up from the ground onto her property. She said that she cannot locate the source and suggested that water from Ferris Hills is coming onto her property.

Mr. Fletcher: Said that the Drainage Advisory Committee could look into improving the flow of the stream with permission of other owners to enter upon their properties. He said that some clean-out of the stream may improve the flooding on Ms. Powers's property.

Ms. Powers: Said that water bubbles up from the ground near the bottom of her driveway at County Road 16. Mr. Fletcher said that this could be cradle water. He and Mr. Hotaling explained that the farmer may have installed drain tiles on the land years ago and that some of these tiles may be broken which would cause the water to rise to the surface.

Ms. Powers: Said that she has lived here for 34 years and that she has never experienced the water problems which she has now.

Mr. Fletcher: Asked Ms. Powers if she ever discovered the remnants of drain tiles on her property. Ms. Powers said that the water is coming from other properties and not from her property. She said that the flooding on the south side of her property is surface water runoff and that the flooding on the north side is from the water bubbling up from the ground.

Mr. Oyler: Said that he would arrange with Ms. Powers to make a site visit to her property when weather permits.

5. DISCUSSION OF HILLCREST DRIVE

Mr. Hotaling and Mr. Schultz, both from MRB Group (the Town's consulting engineering firm), presented a two-phase concept plan for drainage mitigation on Hillcrest Drive and discussed the plan with committee members and guests, as follows:

Hillcrest Drive Drainage Concept Plan

From Greg Hotaling and Stephen Schultz, MRB Group, D.P.C.
February 21, 2018

As per your request, we have put together a conceptual estimate of material costs associated with drainage improvements at the upper reaches of Hillcrest Drive. We understand the residents of the neighborhood have expressed an interest in using their drainage funds toward improving conditions in this area.

MRB Group modified their 2013 schematic plan to prepare the included conceptual plan entitled Phase 1 & 2 Drainage Improvements dated 2/21/18, which is the basis for the cost estimate. The project and estimate are broken into two phases. Phase 1 is primarily piping along Hillcrest Drive. New storm sewers and structures will run from the 4966 Hillcrest (Macri) driveway swale north to the existing detention facility at the bend in Hillcrest Drive.

Phase 2 involves the construction of a stormwater detention facility uphill of the Macri and 4964 Hillcrest (Novak) properties along with piping to connect the detention facility to the Phase 1 piping system. The overall objective of the design is to minimize runoff to the Hillcrest Drive cross culvert near the base of the Macri driveway onto the rear of the Cutri property and to take advantage of the existing detention facility at the bend in the road.

A final design, including a full analysis of conveying flows from the modified drainage area across CR16, must be completed prior to ordering materials. Since 2013, changes in the overall concept and existing conditions have occurred and are described as follows:

- Recent improvements to the existing detention facility and its outlet structure.
- Change to the storm piping at the intersection of Hillcrest Drive and West Lake.
- Change in the design concept to split flows to the swales along Hillcrest Drive.
- Change in the overall design concept to construct in phases.
- Change in the design concept to intercept runoff in the Macri driveway swale.

The conceptual estimate incorporates current material pricing from Kistner Concrete for the structures and F. W. Webb for the piping, structure frames and grates, and end sections. Additional project expenditures are likely and include engineering final design, easement mapping and/or land acquisition.

Mr. Oyler: Suggested that residents discuss the concept with other interested Hillcrest Drive homeowners and attend the next meeting of the Drainage Advisory Committee to continue the discussion.

6. Mapping System

The discussion on the mapping system being developed by Mr. Olvany was continued to the next meeting.

7. UPDATING OF LOCATION SPREADSHEET AND MAP

The discussion on the update to the Location Spreadsheet and Map by Mr. Jensen was continued to the next meeting.

8. NEXT STEPS

Mr. Oyler: Has again contacted Mr. Wright of the Ontario County Department of Public Works to invite him to a future committee meeting to discuss the County's maintenance plans for County Road 16 and other County drainage projects. To date, Mr. Oyler has received no response.

Mr. Olvany: Will present mapping information.

Mr. Jensen: Will provide an update on the Location Spreadsheet and Map.

Mr. Oyler: Will make a site visit to the Powers property on County Road 16 when weather permits.

Mr. Hotaling and Mr. Schultz: Will continue the discussion of the Hillcrest Drive concept plan.

9. NEXT MEETINGS AND ADJOURNMENT

The next meeting of the committee will be:

Tuesday, March 27, 2018 11:00 a.m. Canandaigua Town Hall

Subsequent meetings will be:

Tuesday, April 10, 2018	11:00 a.m.	Canandaigua Town Hall
Tuesday, April 24, 2018	11:00 a.m.	Canandaigua Town Hall
Tuesday, May 8, 2018	11:00 a.m.	Canandaigua Town Hall
Tuesday, May 22, 2018	11:00 a.m.	Canandaigua Town Hall

The meeting was adjourned at 12:50 p.m.

Respectfully submitted,

John M. Robortella L.S.

Attachment:

Photographs of flooding on Sandy Cove submitted by Mr. Krebs and Mr. Murphy.

E-mail distribution:

Krebs, Richard
Oyler, Charles
Page, Kathy

cc. to:

Amon, Michelle
Bloom, Tina
Brabant, Lance
Chrisman, Jean
Cooper, Eric
Davis, Gary
Dworaczyk, Linda
Fennelly, Terry
Finch, Doug
Fletcher, Jim
Hotaling, Greg
Jensen, Chris
Marthaller, Joyce
McCumiskey, Kaitlynn
Olvany, Kevin
Reynolds, Kevin
Reynolds, Sarah
Schwartz, Tom
Westbrook, Greg







