

Town of Canandaigua

5440 Routes 5 & 20 West
Canandaigua, New York 14424

DRAINAGE ADVISORY COMMITTEE

Established October 16, 2017

TUESDAY, APRIL 10, 2018, 11:00 A.M.

MINUTES—APPROVED

Meeting Called by: Charles Oyler, *Chairperson*

Committee Members Present: Richard Krebs
Kathy Page

Town Representatives: James Fletcher, Town Highway Superintendent
Greg Hotaling, Town Engineer (MRB Group, D.P.C.)
Chris Jensen, Town Code Enforcement Officer
Kevin Olvany, Canandaigua Lake Watershed Council
Kevin Reynolds, Town Board Member

Guests: Timothy McElligott, P.E., Ontario County Department
of Public Works
Leo Murphy, 3458 Sandy Cove
William Wright, P.E., Ontario County Commissioner of
Public Works

1. CALL TO ORDER BY THE CHAIR

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

2. APPROVAL OF MINUTES OF MARCH 27, 2018

The minutes of the March 27, 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 members and Town staff via e-mail.

3. HILLCREST DRIVE DRAINAGE

Mr. Oyler: Will schedule a committee and Town staff site visit to Hillcrest Drive prior to the next meeting, perhaps in the evening hours when more Hillcrest Drive residents would be able to attend. Options for drainage mitigation will then be discussed at the regularly scheduled committee meeting on April 24, 2018.

4. HIGHWAY GARAGE OPEN HOUSE AND TOWN DISPLAYS

Mr. Oyler: Reported that the Drainage Advisory Committee will have a table display at the Highway Garage Open House on Saturday, June 16, 2018, from 9:00 a.m. to 1:00 p.m. at the new building.

In addition to the Open House for the Highway Garage, a number of Town departments and community organizations will be represented with displays and public information materials. These include the Agricultural Advisory Committee, Assessor's Office Canandaigua Airport, Canandaigua Lake Watershed Council, Citizens' Implementation Committee, Cultural and Historic Preservation Team, Development/Code Enforcement Office, Environmental Conservation Board, Events Team, Highway Department, Parks and Trails, Planning Board, Town Board, Town Clerk and others.

Ms. Page will coordinate the Drainage Advisory Committee information table.

5. DISCUSSION WITH ONTARIO COUNTY REPRESENTATIVES/COUNTY ROAD 16

Mr. Oyler: Introduced Ontario County Department of Public Works Commissioner William Wright, P.E.; and County Engineer Timothy McElligott, P.E., who attended to discuss the County's plans for drainage projects in the Town.

Mr. Oyler: Explained the Town Board's charge to the Drainage Advisory Committee to inventory and monitor drainage issues and to identify mitigation measures to address them. He said that the committee provides the opportunity for Town department representatives, the Town engineer and those representatives involved with water quality and drainage issues in community organizations, to meet twice a month—often with residents—to identify areas of concerns and to have an efficient and direct method of communication among the various offices and agencies.

Mr. McElligott: Said that the County's plans to mill and repave County Road 16 from Wyffels Road to State Route 21 have been deferred until a determination of the scope of the existing drainage problems and a plan to implement effective mitigation measures are established. He that work on County Road 16 drainage would be in the 2021–22 time period.

Mr. McElligott: Explained that there is a total of 80 drainage culverts on County Road 16 from the City of Canandaigua boundary line to State Route 21, 59 of which are located in the originally-planned project area from Wyffels Road to State Route 21. He said that the County will study the watersheds leading to each of the 59 culverts to establish costs and to determine what improvements could be made with the County's funding availability.

Mr. McElligott: Said that the 59 culverts from Wyffels Road to State Route 21 have already been inventoried and that their conditions have been surveyed. He also noted that the watershed delineations for these culverts have been completed. He said that the improvements of these culverts would be a vast project for the County and that a consultant may be retained to assist the County staff.

Mr. McElligott: Said that the County staff has been in contact with Mr. Olvany of the Canandaigua Lake Watershed Council (CLWC) regarding the CLWC mapping and wet-land delineations.

Mr. McElligott: Discussed several specific culverts along County Road 16 and explained that homeowners in some cases have extended culverts which have affected the drainage patterns.

Mr. Olvany: Discussed pre-development drainage patterns and the effect of development. He noted that one individual drainage area of more than 100 acres flows into an existing 18-inch culvert.

Mr. McElligott: Discussed the complexity of the watershed and noted that a builder installed a drainage connection under a blue-line stream which added to the flow into an individual culvert.

Mr. Wright: Said that drainage issues should be mitigated by a coordinated effort of up-stream initiatives and culverts. He said that the issue should be considered as a regional or global effort and that drainage must be mitigated upstream. He said that the County must view the regional scope of the drainage issues instead of just replacing pipes under the road.

Mr. Wright: Said that he would rather expend County funds to deal with upstream issues, such as capturing debris which flows down toward the lake. He explained that the installation of one new box culvert project is approximately \$400,000.

Mr. Oyler: Noted that a developer has proposed a subdivision on Onnalinda Drive, that the developer has been informed that drainage is a major issue in that vicinity, and that subdivision plans must include controlling water quality and quantity. He said that the developer must design a conveyance system which will not further stress the capacity of an existing 18-inch pipe which serves that area.

Mr. Wright: Said that it is important to acknowledge how stormwater flows from under the road and into the lake.

Mr. Wright: Explained that there are approximately 1,100 drainage culverts in the County and that approximately 150 of them need work. He said that he would rather deal with drainage problems which are upstream of the culverts rather than to have large volumes of water entering the culverts and flowing into the lake with debris.

Mr. Oyler: Said that the Town and the Drainage Advisory Committee understands the upstream issues.

Mr. Oyler: Asked about the conveyance of water parallel to County Road 16. Mr. Wright said that a major concern is the debris which flows with the water and plugs the drainage system. He said that increased development has now created experiences during which streams stretch over their banks more often. He said that 90-degree turns in water flows are not a practice which the County encourages. He said that straight water flows are always preferred.

Mr. McElligott: Said that drainage work is often restricted in the vicinity of sewer lines, which can be buried from 3½ feet to 15 feet deep. He said that crews have more flexibility in dealing with drainage issues if sewer lines are not in proximity.

Mr. Wright: Said that we have to deal with the water upstream before it reaches the homes and the road. He said that the ultimate goal is to deal with upstream drainage.

Mr. Wright: Asked about the Town's involvement with the CLWC. Mr. Olvany said that the CLWC has been much more involved with the Town and with Planning Board applications during the past five to six years. He said that there is more communication now than in previous years. Mr. Wright said that this cooperation is key to dealing with the drainage issues.

Mr. Wright: Said that the focus of drainage mitigation must involve regional stormwater retention ponds, land cover changes and porous pavements, for example. He said that the focus on drainage culverts alone is the wrong place to focus. Mr. Olvany said that the Drainage Advisory Committee is looking at where the water is coming from in addition to the culverts.

Mr. Wright: Said that the County will prioritize the drainage locations and determine if there is an upstream solution, a downstream solution, or a combination solution.

Mr. Jensen: Noted that people always seem to be building homes at the end of a drainage path.

6. UPDATE ON FINGER LAKES COMMUNITY COLLEGE PROJECT

Mr. Olvany: Continued the discussion of the athletic turf field project at Finger Lakes Community College (FLCC) and the associated stormwater retention facility options. He reported that the initial bids have been reviewed by the County and have been presented

to the various committees for review prior to the signing of the contract for the funding grant.

Mr. Olvany: Said that several options for the 17-acre FLCC project are under review including the use and expansion of the existing FLCC Canoe Pond as a stormwater retention area and the option of using the berm along the existing trail network to hold back stormwater.

7. DISCUSSION

Mr. McElligott: Reported that he will have comments on the proposed RSM Subdivision on the west side of County Road 16 near the German Brothers Marina. He said that the developer has not formed a sewer district and does not yet have a highway permit. He said that the County is not pleased with the layout of the subdivision and would like to see improvements in stormwater grades and the location of the stormwater retention pond.

Mr. McElligott: Commented on drainage flows along serpentine roads. He suggested that the Town and County work together on a Town standard for high-capacity stormwater grades.

8. NEXT STEPS

April 24, 2018: Continued discussion of drainage on Hillcrest Drive drainage plan and report of the site visit to take place prior to this meeting.

9. NEXT MEETINGS AND ADJOURNMENT

The next meeting of the committee will be:

<i>Tuesday, April 24, 2018</i>	<i>11:00 a.m.</i>	<i>Canandaigua Town Hall</i>
---------------------------------------	--------------------------	-------------------------------------

Subsequent meetings will be:

Tuesday, May 8, 2018	11:00 a.m.	Canandaigua Town Hall
Tuesday, May 22, 2018	11:00 a.m.	Canandaigua Town Hall
Tuesday, June 12, 2018	11:00 a.m.	Canandaigua Town Hall
Tuesday, June 26, 2018	11:00 a.m.	Canandaigua Town Hall

The meeting was adjourned at 12:00 p.m.

Respectfully submitted,

John M. Robortella L.S.

Attachments: Photos of drainage work in the vicinity of the property of David and Robin Borkholder, 4752 County Road 16

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

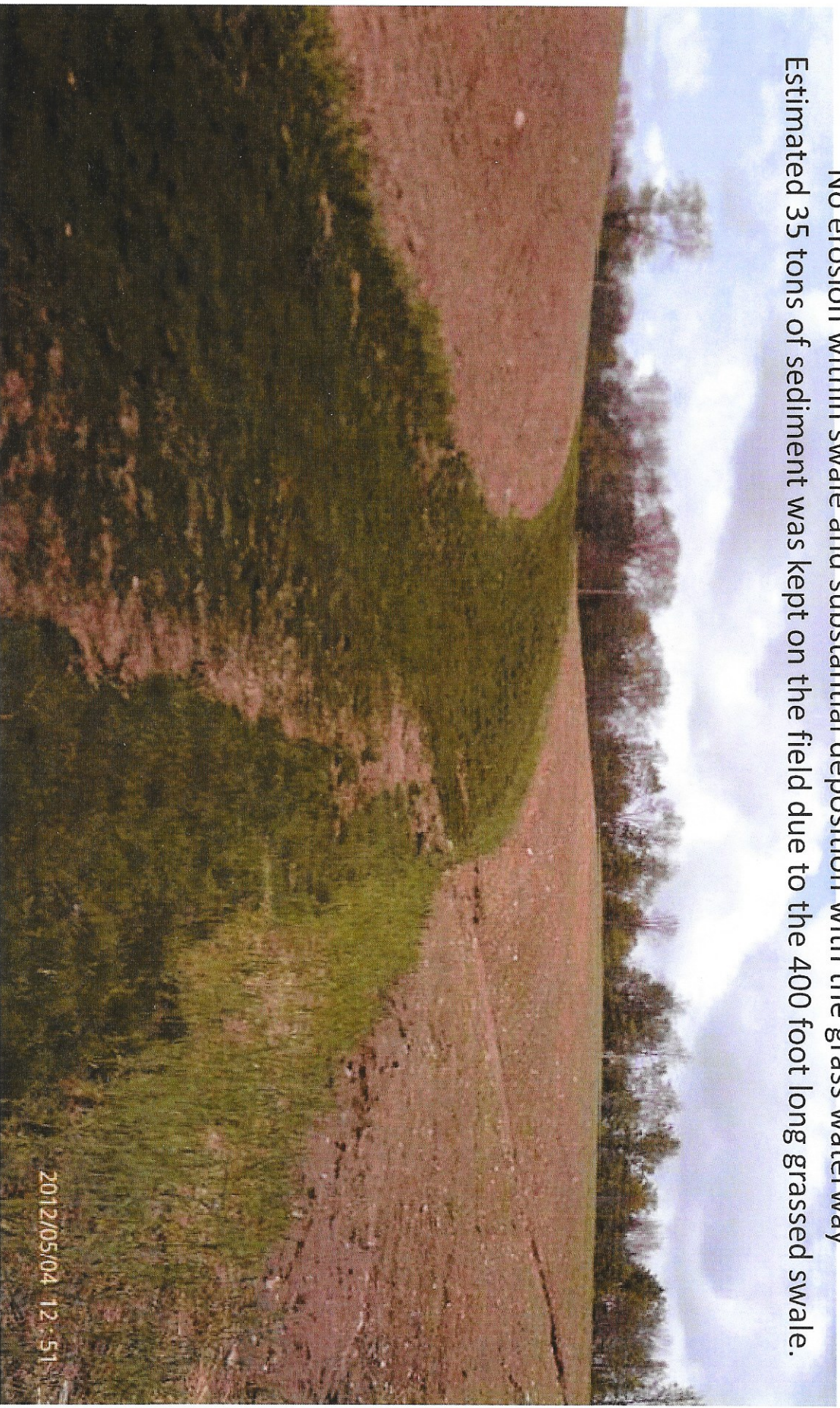
Main Swale to Borkholder before we completed work



07 26 2010 11 12

Day after May 4, 2012 storm Main Swale that heads to Borkholder-

No erosion within swale and substantial deposition with the grass waterway
Estimated 35 tons of sediment was kept on the field due to the 400 foot long grassed swale.



2012/05/04 12:51

