

TOWN OF ANDOVER
INLAND WETLANDS & WATERCOURSES COMMISSION
MONDAY, MAY 2nd, 2022 - 7:00 P.M.
LOCATION: VIRTUAL MEETING VIA ZOOM

REGULAR MEETING MINUTES

Members Present: Chair George Elliott, Jed Larson, and Ed Smith (Alternate)

Member Absent: William Munroe

Others Present: Joseph Wagner - Wetland Agent, Abbie Winter - Board Clerk, Ed Smith, Elaine Buchardt, Don Keener, Jay Tuttle, Mike Ray, Rebecca Vertefeuille, and Shane Vertefeuille.

- 1) CALL TO ORDER: Chair G.Elliott called the regular meeting to order at 7:00 p.m.
- 2) ROLL CALL/SEATING OF ALTERNATES: G.Elliott seated Ed Smith in place of Bill Munroe.
- 3) CHANGES IN ORDER TO AGENDA:
 - a. Addition to Other Business 7b. Discussion of IWWC #21-27 Application, 3 Lakeside Drive, McCullough

J.Larson MOVED to approve the addition to the agenda. G.Elliott SECONDED. By roll call vote, MOTION CARRIED 3:0:0.
- 4) APPROVAL OF MINUTES
 - a. [April 4, 2022 Public Hearing and Regular Meeting Minutes](#)

The commission will vote on this at the next meeting since there are only 2 members present today that were present at the April 4, 2022 Public Hearing and Regular Meeting, and therefore the Commission would not constitute a quorum for this vote.
- 5) PUBLIC COMMENT: None.
- 6) NEW BUSINESS - Take Receipt/Discussion
 - a. [Permit Application IWWC 22-02](#): Town of Andover, Shoddy Mill Rd and Birch Drive- Drainage improvements, pipe and catch basin replacement within wetlands adjacent to Shoddy Mill Rd, and relocation of a watercourse flowing onto Shoddy Mill Rd.

On behalf of the Town of Andover, Public Works Director Jay Tuttle was present.

J.Tuttle reviewed the plan for drainage improvements at the intersection of Shoddy Mill Rd and Birch Dr.

He pointed out the drainage swale that flows from Shoddy Mill Rd, through residential property 43 Shoddy Mill Rd, towards the direction of the Rail Trail.

He showed the sites of the proposed new storm drains on Birch Drive, and the proposed new pipes to connect the preexisting storm drain at the intersection of Shoddy Mill Rd and Birch Dr with these new storm drains.

He showed the watercourse that runs through the catch basin at 10 Birch Dr across the street to the runoff area behind 46 Shoddy Mill Rd.

J.Tuttle stated his future plan to tie the basin at the corner of Birch Dr and Shoddy Mill Rd into the basin going up Birch Dr, once the Shoddy Mill Rd basin is completed.

J.Tuttle's goal is to redirect the water from flowing into 46 Shoddy Mill Rd. Currently all the water on Birch Dr flows into the 46 Shoddy Mill Rd property. This water will instead flow into the basin J.Tuttle is putting in at Shoddy Mill Rd. These basins on Shoddy Mill will flow into the open pit stone basin in front of 46 Shoddy Mill Rd, which J.Tuttle plans to upgrade to a concrete catch basin. This will continue to flow across Shoddy Mill Rd into the drainage swale flowing through 43 Shoddy Mill Rd, and there is no need to replace this pipe.

J.Tuttle next reviewed the drainage improvements on the next section of Shoddy Mill Rd. The waterway flows down behind house 46, flows behind and around house number 40, and then flows into the roadway. The water discharges directly onto the roadway, follows the curb line, and hopefully flows into the catch basin.

J.Tuttle's goal is to redirect the water from flowing on the roadway in front of 34 Shoddy Mill Rd by capturing the water just before it flows into the roadway, dig a ditch, form a swale, armor it with rip rap, and then guide it behind the basin in front of 34 Shoddy Mill Rd. This will create a plunge pool that J.Tuttle will pipe to the basin behind property 34 Shoddy Mill Rd, and pipe across the street into the existing culvert crossing Shoddy Mill Rd.

Next J.Tuttle described the flow of water from 28 Shoddy Mill Rd through a culvert to 23 Shoddy Mill Rd. A watercourse originates from the back of 35 Birch Rd's property, flows under 34 Shoddy Mill Rd's driveway, flows adjacent to the road in front of 28 Shoddy Mill Rd, through the culvert under the roadway to 29 Shoddy Mill Rd and 23 Shoddy Mill Rd. The water course at 29 Shoddy Mill Rd has a lot of debris and root systems, so some flows into the yard of 23 Shoddy Mill Rd instead of flowing into the wetlands.

J.Tuttle stated his plan to deflect the ditch as it leaves the outlet pipe at 29 Shoddy Mill Rd to guide the watercourse away from 23 Shoddy Mill Rd and towards the wetland by removing trees with obstructing root systems, digging a ditch, and forming a swale. The area is 30' x 50'.

J.Tuttle stated he has temporary construction easements from property owners of 23 Shoddy Mill Rd, 29 Shoddy Mill Rd, 34 Shoddy Mill Rd, and 35 Birch Dr.

G.Elliott asked about timeline. J.Tuttle stated he wants to get started as soon as possible. He projects the current work at Birch Dr and Shoddy Mill Rd will take a couple more weeks – during middle to end of the month he'd like to start on the other section of Shoddy Mill Rd. The work is weather dependent so if the weather is dry they'll work more effectively.

J.Larson agreed with J.Tuttle's goal to maintain the water's current flow pattern. He stated digging ditches and connecting to watercourses sounds like a significant activity.

J.Larson MOVED to schedule a site walk Saturday 5/7/22 at 9 am. G.Elliott SECONDED. By roll call vote, MOTION CARRIED 3:0:0.

G.Elliott stated after the site walk, the Commission will determine if this project is a significant activity with a significant impact on the watercourses and wetlands, which would require a public hearing.

Discussion of this application will be continued at the Commission's next regular meeting.

- b. [Permit Application IWWC 22-03](#): Shane Vertefeuille, 880 and 874 East Street Replacement of two steel culverts in an existing driveway crossing over Burnap Brook.

Applicants Shane Vertefeuille, Rebecca Vertefeuille, Elaine Bucharadt, and Don Keener were present.

S.Vertefeuille stated two 40' culverts run perpendicular to the shared driveway for 880 and 874 East Street. The culverts were installed in the 80s, and therefore they are compromised and need to be replaced. Their direct replacement plan includes a full erosion control plan based off the initial order of construction from the initial blueprints. It will be a direct replacement done at a time of low water flow ideally during this summer. They will divert the water through one pipes while they directly replace the other, then they will divert the water through this replaced pipe while they replace the 2nd pipe. The replacement will follow all erosion control plans and will have minimal impact.

G.Elliott asked if it is a galvanized steel pipe. S.Vertefeuille confirmed, stating they are both galvanized steel "squash" pipes. They will replace these pipes with polymer coated pipes which have a longer lifespan.

S.Vertefeuille confirmed they considered alternatives, such as bridges or box culverts. This is a fairly urgent project since the compromised culverts are a safety issue, so due to current supply chain issues these alternative options would take longer than a year to build and install, according to companies S.Vertefeuille consulted with. Additionally S.Vertefeuille stated the direct replacement plan will have very minimal impact.

J.Larson asked how they would divert the stream. S.Vertefeuille stated they will divert the stream during low flow conditions, so they can use sandbags to fully divert the stream.

G.Elliott stated the Commission will consider this application at the next regular meeting.

The Commissioners stated they will not need a site walk, based on the pictures and the drawings.

7) OTHER BUSINESS

- a. Commission Vacancies

G.Elliott stated he has no updates on this item – there are still vacancies on the Commission.

- b. Discussion of IWWC #21-27 Application, 3 Lakeside Drive, McCullough

J.Larson stated concern about the built-up sand that remains around the perched beach at 3 Lakeside Drive, specifically stating concern that the sand will erode into the lake.

J.Wagner confirmed that the applicant is expected to seed grass in the 6' buffer between the wall and the perched beach, and in the old beach area. Last J.Wagner spoke to the applicant he was planning on getting and spreading topsoil on top of the old beach area without digging up the sand.

J.Wagner will follow up with G.McCullough.

J.Larson stated concern for the slope of the sand, which appears to be built up over 1.5'.
J.Wagner stated he expects the slope would be leveled by the addition of topsoil, and seeded.

8) AGENT REPORT/ENFORCEMENT ACTIONS: None.

9) NEXT REGULAR MEETING: Monday June 6th, 2022 @ 7:00 p.m.

G.Elliott stated they will have a special meeting for the site walk for Permit Application IWWC 22-02 on Saturday 5/7/22 at 9 am.

10) ADJOURNMENT

J.Larson MOVED to adjourn the meeting at 8:04 p.m. E.Smith SECONDED. MOTION CARRIED unanimously.

Respectfully submitted by Abbie Winter,

Abbie Winter

Please see the minutes of subsequent meetings for the approval of these minutes and any corrections hereto.