



Wetland Consulting Services

June 16, 2015

Boxford Conservation Commission
7A Spofford Road
Boxford, MA 01921

WCS Proj #: Boxford-26

RE: Plan Revision, Culvert Replacement, 73-76 Woodcrest Road, Boxford, MA (DEP File # 114-1204)

Dear Commissioners:

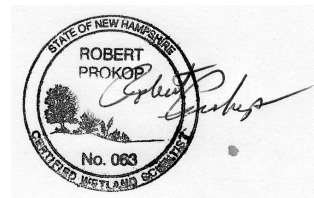
Upon discussion with John Dold, the DPW Director, we are able to modify the original plan for this project. The original project involved replacing an existing corroded, partially clogged, 18" cmp with a new 18" high density polyethylene (HDPE) plastic pipe of the same length. We now propose to replace the pipe with a 36" HDPE plastic pipe. Sufficient cover will remain over the pipe to accommodate the larger culvert which will be set at the same invert elevations as the old pipe (see revised plan dated June 8, 2015).

Additional plan revisions include shortening the guardrail on the outlet side of the road by 20 ft (see plan), and not cutting a large dead tree on the inlet side of the road used by pileated woodpeckers (see # 2 in the construction sequence).

Finally, the DPW has approved the use of a georunner to be installed below the outlet of the new pipe. A georunner is an open mesh plastic mat anchored to the substrate that prevents scouring from water flow (see product description – attached). The georunner is proposed versus riprap since it not only prevents scouring but vegetation can grow through the mesh. A 6 ft x 16 ft section of georunner is proposed.

If you have any questions or require any additional information, please feel free to contact me at 978-346-9857 or John Dold of the Boxford DPW at 978-352-6555.

Sincerely,
Wetland Consulting Services,



Robert Prokop
Wetland Scientist/Wildlife Biologist

attach(s)

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