

This is a digest of an email exchange on or about 15Jan2014 between John Dellinger of the HOA and Chris Lee at NCDOT Division of Highways.

Chris,
What's our next step?
JD
Pres, Hunters Glen HOA

John,
Sorry for the slow response. I contacted our Hydro unit about the report they were supposed to produce for your site and evidently they never wrote one. So, they are working on that now. I should have more information shortly.

Thanks for your patience.
Chris Lee, PE
NCDOT Division of Highways
Division 14 Bridge Maintenance Engineer

Chris,
Great—would like to get this thing some legs and a schedule.
JD

John,
Please read the attached letter from NCDOT's Hydraulics Unit. Basically, it states that the current structures in place on Hunter Glen Lane can adequately flow the required amount of water required of the secondary road system. The road overtopping events you experienced last year were likely greater than 25 year frequency flood events. So, with this information my recommendation would be to leave the pipes in place as is. I believe our crews did remove some sediment this past summer from the pipes? This will help the flow during those big rain events.

Let me know if you have any questions.

Thanks,
Chris

Chris,
Good news.
Re: condition of the structure, what's your sense of its remaining life?
JD

John,
If maintained properly then I would expect at least 25 more years of service. The bottom of the pipes typically fail first and this can usually be repaired with some type of lining method. The large diameter of these pipes allows for fairly easy maintenance and lots of life extending opportunities without having to dig them out. Our goal is to inspect these pipes every 5 years. However, if you notice any issues that need attention please don't hesitate to contact me.

Thanks,
Chris