



# Town of Foster

Est. 1781

Public Works Department

## BRIDGE REPORT APRIL 23, 2012

The state has sent me there inspection of Windsor Road Bridge and has found its structure and guard rail support to be deficient "see pictures in state report".

Barriers have been installed and necessary signage on Hemlock Road and a key was given to Providence Water Supply and station 3 in case of an emergency situation on that road.

We have made some recent progress on Plainwoods Bridge. The 3 Large trees have been removed in order for safe crane operation and placement of the Bridge deck while the headwalls and wingwalls are being replaced.

Windsor road the State during its routine inspection has lowered the NBI ratings for the superstructure "item 59 from 5 fair to 3 serious, substructure 6 satisfactory to 5 fair and channel protection from 7 minor damage to 6 bank slumping. I have photos with an explanation on all these items listed.

North Road Bridge, condition has been downgraded due to some maintenance issues with some undermining and scaling on the headwalls. Super structure changed from 7 good to 6 satisfactory and the sub structure has changed from 8 very good to 6 satisfactory "no weight restrictions as of yet but I would recommend some.

Mill Road Bridge has an NBI rating of overall satisfactory condition. Deck has 7 good, superstructure 6 Satisfactory, channel channel protection 7 minor damage have not changed from previous inspection. However there is heavy vegetation, algae growth and substandard railing and substandard approach guard rail "NONE".

The Johnson Road culvert pipe near the country club is in rough shape. The first section on the inlet side has shifted and the headwalls are made of concrete block and do not meet federal highway standards. The inlet headwall and top rail are leaning with some cracks and the outlet wall has 3 cracks. You can see daylight through. I would like to put some jersey barriers along the top so no one will get hurt in the event a vehicle may hit one of these headwall barrier combination.

The double culvert pip on North Road below Phillips cemetery has some undermining as well that we should be able to fix when the water stops flowing.

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