



APPROVED

Board of Selectmen Town of Gilmanton, New Hampshire

Workshop- Bridge Project
September 26, 2016
6:00 p.m. – Gilmanton Academy

Present: Chairman Stephen McWhinnie, Vice Chair-Selectman Michael Jean, Selectman Marshall Bishop, Town Administrator Paul Branscombe, Assistant Town Administrator-Heidi Jackson-Rhine and Administrative Assistant- Heather Carpenter, Presenting for Hoyle and Tanner Associates-Sean James and Joseph Bicja.

Sean James and Joseph Bicja came before the board to discuss what work has taken place thus far;

- Survey
- Boring
- Early Engineering
- Hydraulics – analysis of water amount and the size of bridge needed.

The Selectmen were able to have a joint discussion with the presenters on some of the specifics on the bridge on Night Hawk Hollow and the bridge on Beauty Hill. The information listed below is an overview of the discussion and are just suggestions or proposals by Hoyle and Tanner Associates, there have been no decisions made.

Bridge Project

Night Hawk Hollow-

The issue that the engineering study found on this bridge was a large amount of clay, the subsurface is very bad. The boring samples went every 5 ft. down to 49 ft. and then hit ledge. The bridge will be a pile supported structure. The span of the bridge currently is 25 ft.; the projects new span will be between 50-70ft. The proposed rise in profile will be 2ft. but a 3ft rise in profile will allow no flooding on the road, 2:1 side slopes with a guardrail. The town will need permanent easements, the green area is 7,000 square feet of impact, the slop on one side will need a retaining wall, the temporary bridge will be built on the upstream side, the town will need to send out notice to abutters, and the construction duration will be longer on this bridge due to the clay and separate stages for settling. The speed will be designed at 20 miles per hour with a notice of curve ahead.

Beauty Hill Bridge-

This bridge was built in 1930 and has a 10 ft. span, NH DOT daily traffic count was 810 with a 4% truck traffic. They found no surprises on this project, there was no clay present, and ideal subsurface conditions, they see no unforeseen issues.

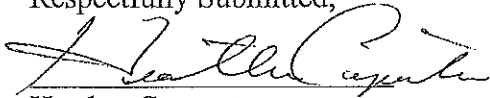
The new bridge will be between 24-28 ft., which is almost three times the span of the old bridge. Hydraulics are not a problem and they will be going by DES standards. A couple feet of head space will be lost but it will be wider. The traffic control will be used for emergency vehicles, first response, fire trucks and buses but no tractor trailers will not be able to use. Even though NH DOT monitored the truck traffic as 4% it seems to be heavier. One lane temporary bridge, 12 ft. wide, three phase stop and go conditions, no through traffic.

Time frame will be a contractor's season which will be at minimum a six-month period. The speed will be designed at 30 miles per hour. There is also a pine tree present in the right of way that may have to come down but the first course of action will be to work around it.

The public information meeting for this project will be on Monday, November 14, 2016.

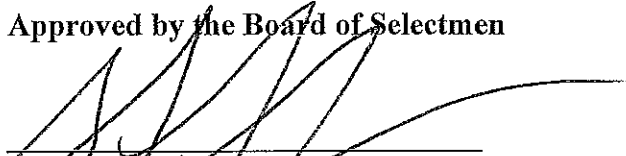
Adjournment: On a Motion by Chairman McWhinnie and seconded by Selectman Jean it was voted unanimously to adjourn at 7:01 p.m. (3-0).

Respectfully Submitted,



Heather Carpenter
Recording Secretary

Approved by the Board of Selectmen



Chairman Stephen P. McWhinnie

Selectman Michael J. Jean



Selectman Marshall E. Bishop

{Audio recordings are available at the Selectmen's Office}