

**THE CORPORATION OF THE TOWNSHIP OF LAKE OF BAYS
REPORT**

TO: Mayor and Council
FROM: Public Works Supervisor – Lauri Romanko
DATE: December 8, 2009
SUBJECT: Paint Lake/Red Chalk/ Bellwood Acres Roads

RECOMMENDATION:

Be it resolved that Mayor and Council receive the report "Paint Lake/Red Chalk/Bellwood Acres Roads" dated December 8, 2009 and direct staff to address the concerns raised by the local ratepayers.

ORIGIN:

Request from Council.

BACKGROUND:

On August 24, 2009, a site visit was conducted with Mayor Peake, Councilor Ross and Paint Lake Association. A letter containing concerns of unsatisfactory and perceived dangerous conditions was sent to the Township with four areas of concern. A staff report to address the condition of these roads was requested by Council.

The following is a summary of road related information for the Paint Lake/Red Chalk/Bellwood Acres Roads.

Paint Lake Road (Section #306031) commences at the intersection of District Road #117 and is 4.1 kms. in length.

- The Municipal By-law 07-134 classification of this road is class 5.
- The structural adequacy was rated in 2005 is 16 out of 20.
- The Road Needs Study does not identify this section, as a "now" need.
- Average annual daily traffic is one hundred and ten (110) cars per day.
- The municipality has received no requests for repair until this letter.
- Currently culvert and signage assets are located on the road.

Road maintenance under the minimum maintenance standards requires any surface discontinuities greater than 5 cm. be repaired within 21 days. The above culverts do not meet these requirements, but will be scheduled for repairs as time and budget permits.

Area 1 Culvert: McLennan stream culvert was replaced in 2008 in the capital budget and washed out on April 4, 2009. This was repaired in September 2009, as an unbudgeted item.

Area 2 Boat Launch: Be referred to the Parks and Recreation Committee as this has been an ongoing issue.

Areas of raised/depressed culverts:

- Item: 1-3 Culverts require cutting off and patching.
- Item: 4-6 No culverts installed. Small cracks require patching.

- Item: 7-8 Culverts require cutting off and patching.
- Item 9 No culverts installed. Small cracks require patching.

Red Chalk Road (Section #305021) commences at the intersection of Paint Lake Road and is 0.6 kms. in length.

- The Municipal By-law 07-134 classification of this road is class 6.
- The structural adequacy was rated in 2005 is 14 out of 20.
- The Road Needs Study does not identify this section, as a "now" need.
- Average annual daily traffic is one hundred and Twenty (20) cars per day.
- The municipality has received only grading requests until this letter.
- Currently culvert and signage assets are located on the road.

Areas of raised/depressed culverts:

- Item: 10 Red Chalk Road is not scheduled for gravel replacement until the 2013 capital budget.

Red Chalk Road (Section #305121) commences 0.6 kms. south of Paint Lake Road and is 0.6 kms. in length.

- The Municipal By-law 07-134 classification of this road is class 6.
- The structural adequacy was rated in 2005 is 14 out of 20.
- The Road Needs Study does not identify this section, as a "now" need.
- Average annual daily traffic is one hundred and Twenty (20) cars per day.
- The municipality has received only grading requests until this letter.
- Currently culvert and signage assets are located on the road.

Areas of raised/depressed culverts:

- Item: 10 Red Chalk Road is not scheduled for gravel replacement until the 2013 capital budget.

Bellwood Acres Road Class 5 (section # 309051) commences at the intersection of District Road #117 and is 3.1 kms in length.

- The Municipal By-law 07-134 classification of this road is class 5.
- This road section was not included in the 1981 road needs study.
- Average annual daily traffic is seventy five (75) cars per day.
- The structural adequacy was rated in 2005 is 18 out of 20.
- The Road Needs Study does not identify this section, as a "now" need.

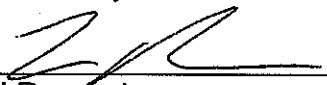
Bellwood Acres Road concerns:

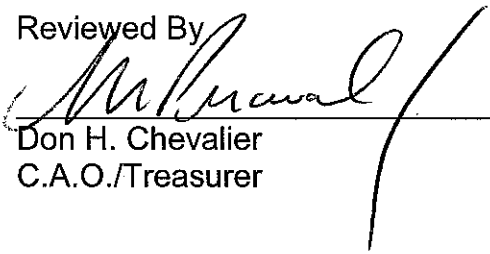
- Item: 1 Culvert: This area washed out in storm on April 4, 2009. The culvert that was installed above the twin pipes was an overflow culvert, to help prevent washouts from occurring. The lower culverts are collapsed and plugged. These culverts are scheduled for replacement in 2010.


- Items: 2-6 Culverts These are raised culverts and are scheduled for repair by means of cutting the tops off and re-patching.

- Item: 7 Bellwood Acres Road (Section # 309322) see previous Council report dated October 13, 2009.

Movement of culverts on roadways is normal during the winter season, particularly with culverts that cannot be placed below the frost line. Many township roads have restrictions such as lack of drainage or rock which prevent culverts from being installed below the frost line.

Submitted By

Lauri Romanko
Public Works Supervisor - Roads

Reviewed By

Don H. Chevalier
C.A.O./Treasurer

Reviewed By

Tom Brown
Director of Public Works and Facilities