



**ROADS SUB-COMMITTEE MEETING AGENDA  
WEDNESDAY, FEBRUARY 12, 2020 - 1:30 P.M.  
MEETING HELD IN THE COUNCIL CHAMBERS**

1. Call to Order
2. Additions/Deletions/Approval of Agenda
3. Declaration of Pecuniary Interest or Conflict of Interest
4. Approval of Draft Minutes - January 15, 2020
5. Business Arising from Minutes
6. Correspondence Items
7. General Business
  1. Monthly Update from Public Works Superintendent
  2. Winter Operations Plan
  3. Core Samples 5<sup>th</sup> Line OS
  4. Other/Additions
  5. Unfinished Business
    1. 5 Sideroad Structure - Update (if any)
    2. Road Management Plan
8. Delegations

2:00 p.m. - Jeremy Humphrey; Planner WSP - NWN Scientific Update

2:30 p.m. - Grant Horan; Controller - Strada Aggregates
9. Recommendations to Council
10. Public Question Period
11. Confirmation Motion
12. Adjournment and Date of Next Meeting

## Wendy Atkinson

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**From:** Arunas Kalinauskas <Arunas.Kalinauskas@rjburnside.com>  
**Sent:** Monday, February 3, 2020 3:31 PM  
**To:** Wendy Atkinson  
**Cc:** Roads; Glenn Clarke  
**Subject:** Bore Holes along 5th Line OS

Wendy,

I spoke with Glenn Clark this afternoon about the potential costs for drilling bore holes along 5<sup>th</sup> Line OS. Glenn mentioned that the GeoTech companies that do this work can probably provide a complete soils report for under \$10,000. This potentially includes 10 – 15 bore holes. The reason for getting a soils report is that a GeoTech company can do 10 – 15 bore holes in one day.

In our discussion, Glenn indicated that he felt the bore holes would identify that the 2 plus Km of swampy section of 5<sup>th</sup> Line OS had approximately 1.5 -2.5 meter depth of peat. To excavate this amount of peat and then lay down gravel in it's place would increase the costs from rehabilitating to reconstructing this road at least two times. I do not believe that the Township is willing to make such an investment in 5<sup>th</sup> Line OS. This is why our recommendation for 5<sup>th</sup> Line was to use a Geogrid layer to try and stabilize the base of the road, and not try to excavate out the peat which will over time just seep back in. As I mentioned the only additional layer I would recommend to the Geogrid is a non-woven geotextile layer below the Geogrid.

Another option for the Township to verify the depth of the peat soil along 5<sup>th</sup> Line, is to ask Craig to take the backhoe out to several locations along 5<sup>th</sup> Line and dig a few ditches at the side of the road, to find out the depth of the peat. Glenn believes that Craig had done some ditching along 5<sup>th</sup> Line not that long ago, so he may even have this information. Another thing that might be helpful is that Craig talk to the County and find out exactly what the County did with respect to reconstructing County Rd 21. We understand that the County was trying to dig out the peat, along the bad section but ran out of time to fully complete this type of extraction. So it would be really good to know where they dug out the peat and where they did not. It would also be good to know where they did not dig out the peat if they used any Geogrid type product in those areas. This will provide some insight into what worked better or not.

We still believe that the most cost effective and useful method for the Township is to use the Geogrid stabilization process for the swampy areas.

I hope this helps.

Best Regards,

Arunas

Ps. If the Township moves forward with bore holes and a soils report – I recommend that the Township get more than just 5<sup>th</sup> Line looked at. This way the hope would be to gain more knowledge on all (most of) the paved road problem areas that will help in final design and costing of future road projects.



Arunas Kalinauskas, B.Sc.  
Business Manager - Asset Management & GIS

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## Kaitlin Chessell

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**From:** Denise Holmes  
**Sent:** Friday, January 31, 2020 8:55 AM  
**To:** 'Humphrey, Jeremy'  
**Cc:** John-Baptiste, Chad; Kaitlin Chessell  
**Subject:** RE: Road's Sub-Committee meeting

Hi Jeremy,

Our next Roads Sub-Committee meeting is Wednesday, February 12<sup>th</sup>. I can schedule you in for 2:15 p.m. for 10 minutes.

Please confirm.

Thanks.

*Denise B. Holmes, AMCT  
CAO/Clerk, Township of Melancthon  
519-925-5525 Ext. 101*

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**From:** Humphrey, Jeremy <Jeremy.Humphrey@wsp.com>  
**Sent:** Tuesday, January 28, 2020 10:31 AM  
**To:** Denise Holmes <dholmes@melancthontownship.ca>  
**Cc:** John-Baptiste, Chad <Chad.John-Baptiste@wsp.com>  
**Subject:** Road's Sub-Committee meeting

Good morning Denise,

As requested by Council during the January 16<sup>th</sup> meeting, I'd like to bring a member of the NWN construction team to a future Road's Sub-Committee meeting, so that we could better scope the deliverable required by Council (Clause No. 34 of the SPA Agreement).

We would provide a delegation in order to inform the Committee of works that have taken place to this point, and hopefully have a dialogue with the Committee which will inform the memo we're required to produce.

At this time, we could make the 5<sup>th</sup> of February work if this would work for the Committee?

Thanks for your time,

**Jeremy Humphrey**  
Planner  
Planning, Landscape Architecture and Urban Design



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January 28, 2020

Corporation of the Township of Melancthon

**Re: Strada Aggregates Melancthon Pit – Roads Sub-Committee**

We (Strada Aggregates Inc.) would like to take this opportunity to request a meeting with the Melancthon Roads Sub-Committee.

We are wishing to discuss:

- a.) Strada's upcoming road resurfacing of the 4<sup>th</sup> Line (scheduling, etc.);
- b.) Future opportunity for a potential "shared cost" approach (including both resurfacing & maintenance) for aggregate producers utilizing the 4<sup>th</sup> Line;
- c.) The Ontario Aggregates Resource Corporation ~ TOARC, Municipal revenues and funds allocations.

Best Regards

A handwritten signature in black ink, appearing to read "G.C. Horan", with a long horizontal flourish extending to the right.

Grant C. Horan  
Controller

Phone: 905-738-2200