



THE CORPORATION OF THE TOWNSHIP OF HORTON
TRANSPORTATION & ENVIRONMENTAL SERVICES

July 7th, 2021
 8:30 a.m.
 Via Zoom

NOTE: This meeting will be sparsely attended, due to social distancing protocols that have been recommended by the federal and provincial governments. Members of Council, Committee, and Staff will call in to the meeting and take part via video conference. Members of the Public, Media and other staff are requested not to attend. Please contact the CAO/Clerk if you have any questions or require additional information.

- | | | |
|-----|---|--------------|
| 1. | Call to Order & Roll Call | |
| 2. | Declaration of Pecuniary Interest | |
| 3. | Minutes from Previous Meeting: | |
| | i. June 3, 2021 | PG.2 |
| 4. | Re-Issue of Municipal Dock RFQ | PG.5 |
| 5. | Golf Course Road Rehabilitation | PG.6 |
| 6. | Unofficial Results – PW 2021-10 Concrete Fuel Containment Pad | PG.8 |
| 7. | Sustainability Comparison | PG.10 |
| 8. | New/Other Business | PG.13 |
| 9. | Next Meeting: | |
| | i. September 1 st , 2021 at 8:30 a.m. | |
| 10. | Adjournment | |

RETURN TO AGENDA

THE CORPORATION OF THE TOWNSHIP OF HORTON

TES Committee Meeting

June 3, 2021

8:30 a.m.

There was a meeting of the Transportation and Environmental Services Committee held electronically via Zoom on Thursday June 3, 2021. Present was Chair Tom Webster, Mayor David Bennett, Public Advisory Members, Murray Humphries, Rick Lester, and Tyler Anderson. Staff present was Public Works Manager, Adam Knapp, and Admin/Planning Assistant, Nichole Dubeau – Recording Secretary.

Councillor Lane Cleroux was present at 9:05 a.m.

1. CALL TO ORDER

Chair Webster called the meeting to order at 8:31 a.m.

2. DECLARATION OF PECUNIARY INTEREST

There was no declaration of pecuniary interest from committee members.

3. MINUTES FROM PREVIOUS MEETING:

- May 5th, 2021

Moved by Rick Lester

Seconded by Tyler Anderson

THAT the Committee approve the May 5th, 2021 Minutes.

Carried

4. CONCRETE FUEL PAD

Public Works Manager Adam Knapp reviewed the report. Mayor Bennett requested that the Fire Department and Recreation Department be included in the usage and divided price. It was decided that the price would be Public Works is 60%, Fire Department is 30%, and Recreation is 10%.

Moved by Tyler Anderson

Seconded by Murray Humphries

THAT the TES Committee recommend to Council to allocate an upset amount of \$9,000 toward the installation of a concrete fuel containment pad at the Public Works yard;

AND THAT the department breakdown be Public Works – 60%, Fire Department – 30%, and Recreation – 10%;

AND THAT the concrete pad installation be funded through the Modernization Reserve.

Carried

5. REFRIGERANT DEGASSING

Public Works Manager Adam Knapp reviewed the report.

Moved by Murray Humphries

Seconded by Rick Lester

THAT the TES Committee recommend to Council to contract the services of refrigerant degassing at the landfill site to Sheaves Mechanical Heating and Cooling;

AND THAT a draft User Fees and Charges By-law be brought forward to Council for review and passing.

Carried

RETURN TO AGENDA

6. BOUNDARY ROAD AGREEMENT

Public Works Manager Adam Knapp reviewed the report.

Moved by Rick Lester

Seconded by Tyler Anderson

THAT the TES Committee recommend to Council to enter into a Boundary Road Agreement with the Town of Renfrew for McBride Road and Graham Avenue;

AND THAT Horton Township shall assume responsibility for all expenses related to operations, labour, maintenance, rehabilitation, and construction of McBride Road, excluding Admaston/Bromley's funding portion;

AND THAT the Town of Renfrew assumes responsibility for all expenses related to operations, labour, maintenance, rehabilitation, and construction of Graham Avenue

AND FURTHER THAT development, permitting, and by-law enforcement shall be the responsibility of the governing body assigned to the property's roll number;

AND FURTHER THAT staff shall work toward finalizing a Boundary Road Agreement with Admaston/Bromley Township for McBride Road and Golf Course Road and the Northern Section of Blackburn Road.

Carried

7. LANDFILL SITE FEE COMPARISON

Public Works Manager Adam Knapp reviewed the report. He stated that Brian Dedo and himself have noticed the increase in Construction and Demolition Debris coming into the Landfill Site. Committee members agreed that the quantities be reviewed in another 3 months to see if the numbers are still rising, and if needed come up with a plan to ensure all C & D is coming from Horton properties.

8. PUBLIC WORKS MANAGER SUMMER HOURS

Public Works Manager Adam Knapp reviewed the report. Committee members were in agreeance for Mr. Knapp to change his summer hours. Mayor Bennett requested that a meeting be held with himself, Chair Webster, Public Works Manager Adam Knapp, and CAO/Clerk Hope Dillabough before the hours are in effect.

9. NEW/OTHER BUSINESS

Mayor Bennett requested that the Committee consider starting work on Thompsonhill this year with the low interest rates on debentures. Public Works Manager Adam Knapp stated that the field work is complete, but Jp2g Consultants are still working on the design plan. Councillor Cleroux suggested conveying notices to residents that the project is on the schedule to be done, it is just a matter of time and funding. Mayor Bennett is to contact Renfrew-Nippising-Pembroke MP, Cheryl Gallant to see about any Federal funding for infrastructure and Public Works Manager Adam Knapp is to see what projects can be done this year before construction starts, whether it is signage or rock removal.

Public Works Manager Adam Knapp stated that he has been contacted by the Ministry of Transportation regarding the Millennium Trail when the twinning of the 417 starts, but a delegation will be made to the Committee.

10. NEXT MEETING DATE

- i. July 7, 2021 at 8:30 a.m.

11. ADJOURNMENT

Chair Webster declared the meeting adjourned at 9:30 a.m.

CHAIR Tom Webster

CAO/CLERK Hope Dillabough



Township of Horton COUNCIL / COMMITTEE REPORT

Title: Municipal Dock RFQ, Re-issue	Date:	July 7 th , 2021
	Council/Committee:	TES Committee
	Author:	Adam Knapp, Public Works Manager
	Department:	Public Works

RECOMMENDATIONS:

THAT the TES committee agree with staff recommendation to re-issue municipal dock supply and delivery request for quotation , due to no submissions being received.

BACKGROUND:

The original dock RFQ closed with no bid submissions and Staff believe that market instability and the Provincial lock played a factor in the results. Staff shall release the RFQ again for a longer duration and publicize the RFQ with more media sources to promote bidder interest.

ALTERNATIVES:

Sole Source.

FINANCIAL IMPLICATIONS:

Estimated \$25,000

ATTACHMENTS:

N/A

CONSULTATIONS:

Hope Dillabough – CAO/Clerk

Author:

signature

Other:

signature

Treasurer:

signature

C.A.O.:

signature

RETURN TO AGENDA



Township of Horton COUNCIL / COMMITTEE REPORT

Title: Golf Course Road Shared Rehabilitation	Date:	July 7 th , 2021
	Council/Committee:	TES Committee
	Author:	Adam Knapp, Public Works Manager
	Department:	Public Works

RECOMMENDATIONS:

That the TES committee agree with staff recommendation to contribute 50% of the cost toward the rehabilitation of Golf Course Road with Admaston Bromley and allocate \$53,371 in the 2022 Capital budget from the road's infrastructure reserves.

Further that any remaining funds available from the \$80,000 upset amount requested for the shared rehabilitation of McBride Road be allocated toward a down payment for the Township of Hortons portion of the rehabilitation of Golf Course Road.

BACKGROUND:

Admaston Bromley has requested that the Township of Horton equally share the cost for rehabilitation of Golf Course Road. No notice of this project was given while preparing the 2021 roads department budget or while planning for the shared rehabilitation of McBride Road. The Township of Horton has exhausted available roads infrastructure funds for the 2021 budgetary year and staff believe the only feasible course to proceed with the rehabilitation this season is too re-imburse Admaston Bromley for the work from the 2022 roads infrastructure reserves and allocate any remaining funds from the McBride Road rehabilitation toward the Golf Course Road rehabilitation as a down payment in 2021.

ALTERNATIVES:

N/A

FINANCIAL IMPLICATIONS:

\$53,371

ATTACHMENTS:

Email request for funding from Allison Vereyken – CAO, Admaston Bromley Township

CONSULTATIONS:

Hope Dillabough – CAO/Clerk

Author:


signature

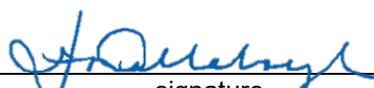
Other:

signature

Treasurer:

signature

C.A.O.


signature

RETURN TO AGENDA

From: [avereyken](#)
To: [Adam Knapp](#); [ckunopaski](#)
Cc: [Hope Dillabough](#); [Nathalie Moore](#)
Subject: RE: Golf Course Road
Date: Monday, June 21, 2021 12:59:34 PM
Attachments: [image004.png](#)

Hi Adam,

I was speaking with Chris on the below noted. Please see the estimated costs below:

Golf Course Road (approx. 800m)	
Asphalt Paving, Line Painting, Shouldering, Traffic Control	\$58,880
Gravel Costs (\$10.70 x 2,000 MT/km x 0.8km)	\$17,120
Pulverizing (0.27/sq.m. x 5,600 sq.m.)	\$ 1,512
Gran 'B' for digouts free from Thomas Cavanagh	\$ 0 Twp of A/B received
Staff time and equipment	\$24,000 Current year to date
actual costs for A/B	
Contingency	\$ 3,800
Non-Refundable HST	\$ 1,431
TOTAL	\$106,743
50% A/B	\$53,371
50% Horton	\$53,371

Please let us know if you need clarification on anything.

Thanks,
Alli

From: Adam Knapp [mailto:aknapp@hortontownship.ca]
Sent: June 16, 2021 8:15 AM
To: [ckunopaski](#); [avereyken](#)
Cc: [Hope Dillabough](#); [Nathalie Moore](#)
Subject: Golf Course Road

Hi Allison

Chris has mentioned that Admaston is looking for Horton to contribute to the rehabilitation of Golf Course Road. Could you provide me with the requested amount and I will discuss options with Hope and Tallie then present it to our TES committee on July 7th. I do not see it being an issue for Horton to commit to a contribution although it may not be feasible this year as this project and McBride Road were not part of our 2021 Capital planning

RETURN TO AGENDA



Township of Horton COUNCIL / COMMITTEE REPORT

Title: PW 2021-10 Concrete Fuel Containment Pad Results	Date:	July 7 th , 2021
	Council/Committee:	TES Committee
	Author:	Adam Knapp, Public Works Manager
	Department:	Public Works

RECOMMENDATIONS:

THAT committee agree with staff recommendation and reject the sole bid submission for PW 2021-10 for the total amount of 33,722.14 including HST.

BACKGROUND:

One bid submission was received prior to the 1 pm closing time on June 24th, 2021. A second bid submission was hand delivered at 2 p.m. on the date of closing and returned unopened to the carrier. The bid submission formally received was over estimated costs and outside of budgetary limits.

ALTERNATIVES:

Option A

Add the concrete pad build as a provisional item to the HVAC request for quotation currently being drafted. Due to the amount of work involved in the HVAC upgrade and a concrete pad required for the unit to be placed on staff believe this will attract more cost effective bids for this project.

Option B

Sole Source the work.

FINANCIAL IMPLICATIONS:

\$33,722.14 if bid submission is accepted.

ATTACHMENTS:

PW 2021-10 Unofficial results

CONSULTATIONS:

Hope Dillabough – CAO/Clerk

Author:  _____
signature

Other: _____
signature

Treasurer: _____
signature

C.A.O.  _____
signature

RETURN TO AGENDA



The Corporation of the Township of Horton
Request for Quotation Unofficial Results

Description – Concrete Fuel Containment Pad

Deposit Required – NO

RFQ - PW 2021-10

Present for Opening: Adam Knapp (P.W. Manager), Nathalie Moore (Treasurer), Amanda Ryan, Receptionist

Bidding Company	Was envelope sealed? YES/NO	Envelope Addressed Properly YES/NO	Total Price \$ (Page # 10)	HST \$ (Page #10)	Proposal Accepted or Rejected
11475579	YES	YES	\$ 33,722.14	\$ 3,879.54	A
			\$	\$	
			\$	\$	
			\$	\$	
			\$	\$	
			\$	\$	
			\$	\$	
			\$	\$	

RETURN TO AGENDA



Township of Horton COUNCIL / COMMITTEE REPORT

Title: Paved Surface Course Sustainability Comparison HL4 Versus DST	Date:	July 7 th , 2021
	Council/Committee:	TES Committee
	Author:	Adam Knapp, Public Works Manager
	Department:	Public Works

RECOMMENDATIONS:

THAT the TES committee accept this report as information.

BACKGROUND:

Staff has performed a cost analysis for constructing and maintaining a Hot Load asphalt gradient #4 (HL4) roadway versus a Double Surface Treatment (DST) roadway over 30 years with only basic maintenance and preservation.

Neighboring municipalities that have an extensive DST road network utilize approximately 500 tonne of cold patch per year in comparison to Horton that uses approximately 20 tonne per year. When you equate Horton's paved road network center line length versus the 500 tonne used by neighboring municipalities Horton will need a minimum of 125 tonne of cold patch a year if we double surface treated our road network or 3.17 tonne a kilometer per year versus our current 0.50 tonne a kilometer per year.

- Horton Township's current amount of cold patch per year purchased = \$2,260
- Estimated amount of cold patch needed yearly with all DST road network = \$14,125

Cold Patch cost over the life cycle of 6500 sq/m (1000m x 6.5m or 1km) of roadway

HL4

\$2,260 / 39.4 km of pave / 6500 sq/m x 30 years = **\$0.26 per km** of patch over a 30 year life cycle

DST

\$14,125 / 39.4 km of pave / 6500 sq/m x 15 years = **\$0.82 per km** of patch over a 15 year life cycle

Below is a cost and life cycle comparison to construct and maintain a HL4 surface versus a DST surface. These calculations are based on the surface course cost to construct and maintain 1 kilometer of roadway that is 6.5 meters wide and does not account for man hours and fuel related to patching operations.

50mm HL4 Surface total of \$99,840 per KM for a 30 year life cycle

RETURN TO AGENDA

Treatment Type	Category	Life Extension	Lane-Km* Treated	Lane-Km-Years	Unit Cost	Total Cost
50mm HL4	Preservation	25.0	1	25	13.50	\$87,750
Crack Seal		5.0	1	5	1.60	\$10,400
Cold Patch HL4 1 KM over 30 years		0.0	1	0	0.26	\$1,690
Select..				0		\$0
Select..				0		\$0
Select..				0		\$0
Select..				0		\$0
Select..				0		\$0

Total Lane-Km Treated
3

Total Lane-Km-Years
30

Total Cost
\$99,840

Double Surface Treatment total of \$74,555 per km over a 15 year life cycle. Multiplied x 2 to attain a 30 year life cycle for a total of \$149,110.

Treatment Type	Category	Life Extension	Lane-Km* Treated	Lane-Km-Years	Unit Cost	Total Cost
Double Surface Treatment (CHIP & DIP)	Preservation	8.0	1	8	6.00	\$39,000
Single Surface Treatment (CHIP & DIP)		5.0	1	5	3.25	\$21,125
Fog Seal		2.0	1	2	1.40	\$9,100
Cold Patch DST 1 KM over 15 years		0.0	1	0	0.82	\$5,330
Select..				0		\$0
Select..				0		\$0
Select..				0		\$0
Select..				0		\$0

Total Lane-Km Treated
4

Total Lane-Km-Years
15

Total Cost
\$74,555

Pricing and life cycle information sourced from:
The Pavement Preservation and Recycling Alliance, Smith Construction (The Miller Group), Greenwood Paving.

Comparing both road surfaces over 30 years equates to the DST surface costing \$149,110 and the HL4 surface costing \$99,840 to construct and maintain at the desired RCR and PCI rating acceptable to the Township of Horton.

Leaving Staff to conclude that the HL4 surface costs \$49,270 less over 30 years and is the most cost effective, lowest maintenance and financially sustainable surface course compared to the DST roadway.

ALTERNATIVES:

N/A

RETURN TO AGENDA

FINANCIAL IMPLICATIONS:

Potential long term capital infrastructure savings of 33% by utilizing HL4 as the preferred paved surface over DST.

ATTACHMENTS:

N/A

CONSULTATIONS:

Hope Dillabough – CAO/Clerk

Author: 
signature

Other: _____
signature

Treasurer: _____
signature

C.A.O. 
signature

From: [Michael Fadock](#)
To: [Adam Knapp](#)
Cc: [Curtis Millar](#)
Subject: Design Schedule Update
Date: Monday, July 5, 2021 8:36:14 AM

Adam;

Please use this email as a status update on the progress of our design for the municipality.

Our topographic survey works are completed, and based upon our review there are several areas where the property boundaries need to be confirmed by an Ontario Land Surveyor. In several instances we were able to observe iron bars that would seem to indicate that residents in the area have built fences, grown hedges, or trees have grown up over time in areas that adversely impact the sight lines around the various intersections. In order to confirm the options for dealing with these encroachments into the municipal right of way, the property boundaries in the area need to be confirmed.

In other situations, there are some iron bars noted and found within the asphalt of the municipal right of way, indicating that the radius of some corners at intersections and the associated asphalt may need to be adjusted to be kept within the street.

I spoke with Adam Kasprzak last week and they would be beginning their field work the week of July 5th, 2021, and should be completed by the end of month.

Following receipt of their legal plans, we would proceed through the month of August to complete the options for the design works to review with yourself.

I anticipate that the next update to council in early September 2021, we would be able to provide the 50% designs and recommendations for dealing with the property issues identified above.

Mike F