

THE CORPORATION OF THE TOWNSHIP OF HORTON

**PUBLIC WORKS COMMITTEE**

June 02, 2010

There was a Meeting of the Public Works Committee held in the Municipal Council Chambers on Wednesday June 02, 2010. Present were Chair Dave Bennett, Mayor Robert A. Johnston, Councillor Bob Kingsbury, Murray Humphries and Rick Lester. Staff Members present were Jeff Schruder Municipal Infrastructure Manager Rod Eady Public Works Superintendent and Mackie J. McLaren CAO/Clerk.

1. CALL TO ORDER

Chair Bennett called the meeting to order at 1:30 p.m.

2. DECLARATION OF PECUNIARY INTEREST

There was no declaration of pecuniary interest by the Committee Members.

3. MINUTES OF MAY 3, 2010 COMMITTEE MEETING

Chair Bennett reviewed the May 3, 2010 Committee Meeting minutes which were approved at last evenings Council meeting.

4. BUSINESS ARISING

Debermer Trial

Jeff Schruder informed the Committee that they had a one day trial on Eady Road and all that was accomplished was contaminate the A gravel with sand, sod and topsoil. Rod Eady added that there was a lot of junk material in the finished product. Jeff Schruder suggested that using a grader would be better as the poor material would have a chance to dry out and blow away rather than be mixed up with the gravel. Mayor Johnston asked if we had the berms cleaned up would we be mixing the gravel properly. Murray Humphries noted that Municipalities have tried this before, but the machine just mixes in the poor material with the gravel making the road bed worse. There is not enough gravel on our roads for this machine to work. Rod noted that the only success in the past removing berms was when we grated them out and picked up the windroll of material and trucked it away. Mayor Johnston referred to Humphries Road suggesting that there shouldn't be berms there. Jeff Schruder agreed that there should not be berms on all recently graveled roads. Chair Bennett suggested contacting the company that supplied the machine for a list of Municipalities who bought the machine and we could contact them for their experiences. Chair Bennett said he would like to work with the machine more before he accepts that he is not satisfied with the machine. Rod Eady says the department works hard to keep berms from developing at the side of gravel roads.

5. GARDEN OF EDEN ROAD CONSTRUCTION – ED VICKERS, STANTEC

Also present were Randy Gaddess and Gerald Richards, residents of Garden of Eden Road

Design

Ed Vickers was present and he reviewed the outcome of the March 1, 2010 meeting when he was here last. Since that time they have provided a cost comparison for CSP (Steel) culverts versus concrete open box culverts for the five major creek crossings. \$150,000.00 dollars savings has been identified and the approval has now been received. To do this though they are upsizing the culverts and embedding them 500mm into the creek bed and filling the bottom of the 500mm with coble stone to attract fish habitat. He noted that in some areas the grade of the road will be raised over these culverts. Mayor Johnston asked if it was not possible to put in elliptical culverts. Mr. Vickers said this is not the preferred solution. They are difficult to install and there are more failures and problems in the future. Mayor Johnston asked if the culvert would not naturally fill in the 500mm with material from upstream anyway. Mr. Vickers said coble

stone is what the Ministry of Natural Resources requires. Mr. Vickers says the design of the road will be for 90 km/hour but posted at 80 km/hour. Because of truck traffic on Pinnacle Road and alignment of Garden of Eden Road the pavement will be 6.5 meters wide, the rest of the pavement will be 6.1 meters wide. Mr. Vickers said there are vertical issues and deficiencies that will be corrected. There will be 1.5 meter rounding on the shoulders. The right-of-way will be cleared except for the final 1.5 meters to the fence as there are some nice trees in that area that do not need to be cut down. The road will be closed to local traffic only during the construction and the contractor will be allowed to completely close the road for the five major culvert crossings during this time. Chair Bennett asked if one day should complete each of the big culverts, Ed said yes, but they would allow two days for the contractor. Chair Bennett suggested that we write into the specs that it has to be done in one day. Gerry Richards said one day would not be enough to remove the old concrete culvert and bury the new culvert 500mm into the bed. We would want it done right. The Committee discussed length of road closure for each closure and agreed that two days would be required. Ed Vickers noted that the plan calls for driveway culverts replaced within the right-of-way but not outside the right-of-way. The Committee agreed. He provided the Committee with three sets of drawings. The Committee reviewed the drawings with Mr. Vickers.

#### Tender

Ed Vickers said his staff has some work to complete and they are on schedule to advertise tenders in the 24<sup>th</sup> of June 2010 newspaper in Arnprior and Renfrew and they will fax a copy of the notice to the contractors in the Ottawa Valley. The tenders will close July 8, 2010 and a recommendation of acceptance will be made July 12, 2010. Ed noted that there are grant requirements in our contract with the Provincial and Federal Governments that will be incorporated into the tender documents. Example, five million dollars insurance, an indemnity to the Provincial and Federal Governments, that the tenders would also include the requirements for a certified cheque and proof of bonding. Work would start two weeks after award which would be approximately the 26<sup>th</sup> of July 2010. He said the budget submitted for this project was \$1,955,000.00 dollars and suggested that the tender could come in between 1.7 and 1.8 million. He informed the Committee that his estimate of ninety-four thousand dollars to this point has almost been used sixty-three thousand dollars has been billed; twenty-four thousand dollars is work in progress. They will need another thirty thousand dollars to complete the detailed design to the award which would require a total of one hundred and twenty-four thousand dollars. He noted that this is approximately seven percent of the construction value which is half of the anticipated fifteen percent that was included in the grant application.

#### Moved by Rick Lester, Seconded by Jeff Schruder

That the Public Works Committee recommends Council approval of \$30,000.00 dollars engineering costs to complete the final detailed design up to and including award of tender for the Garden of Eden Road construction project.

**Carried.**

Gerry Richards asked when are we going to discuss the tile drains to be installed under culverts in the road. Chair Bennett said the engineer is aware of this requirement. It would have to be as an addendum to the work schedule. Gerry Richards asked if we required a Public Meeting to show the residents the work requirements. It was agreed that this was not a legal requirement to do so. Jeff Schruder asked if all the entrance culverts would be replaced, even where there was no ditching work completed. Chair Bennett said that we would want to see the total cost for the tender first; we may want to pull this work out of the work schedule. Murray Humphries added that under a resurfaced road job which this mostly is, they would not normally change culverts unless there is ditching done. Chair Bennett said we would need to get a cost and number of culverts that need replaced to make a decision. Jeff Schruder noted that we could reduce the 6 inch gravel lift to a 4 inch gravel lift before pavement. Murray Humphries suggest that

we have a clause on the tender to reduce the work if required. Chair Bennett agreed there need to be an escape clause.

The Committee Members thanked Mr. Vickers for his report.

6. PRICE ROAD

Liability Legal Opinion

Chair Bennett said the Township has received a legal comment from Janet Bradley, Municipal Solicitor. She said that if the road is used by the general public then any improvements that the Township makes will reduce liability. She went on to describe that there must be signage on the road to inform travelers that the road is not up to standards and users must use extreme caution at their own risk.

Construction Estimates

Jeff Schruder verbally informed the Committee that it would be upwards of \$700,000.00 to construct this road to a standard which is our minimum. This would include ditching, rock excavations; survey work; granular A and B. Chair Bennett asked Mr. Schruder to come to the next meeting with a plan to do limited work on turn outs brushing and improvements to the worst area. Gerry Richards noted that he uses this road and asked for improvements but suggests that we do the same as we have done for Garden of Eden Road where construction has improved the road over time.

Date for Public Meeting

It was agreed that the date for the Public Meeting would be determined after the report from Jeff Schruder was received at the next meeting.

7. INFRASTRUCTURE MANAGER'S REPORT

Jeff Schruder presented the following Infrastructure Manager's Report for May:

- Garden of Eden field work
- River Road Drainage
- Thomsonville plow damage to lawns
- Public Works Meeting
- Committee of the Whole
- Used pick-up purchase
- Eady Road outside furnace smoke complaint
- Asset Management
- WEEE Phase 2 and Invoicing
- Tenders – Measure in field and distribute
- Landfill Surveillance
- Johnston Road
- Building Inspections
- Garden of Eden Field Drainage
- Waste Management Building
- Waste Management Meeting
- Cunningham tie in information plot on site plan
- Met at Pit regarding using our material for Granular
- Price and arrange guide rail posts
- Private Road grading application form
- Price Road garbage concerns
- CPR Railway crossings
- CIF and Green Municipal Grant
- By-Law Inspections
- Invoices
- County Of Renfrew Welcome Signs
- Signs for RINC Grant
- Jim Barr Road culvert issues
- Cotieville culvert issues
- Two-way Radio for Excavator

8. PUBLIC WORKS SUPERINTENDENTS REPORT

Rod Eady presented the Public Works Superintendent's Report for May:

**WORK PROJECTS CARRIED OUT**

- Brushing and tree removal in front of the landfill site
- Replaced some old fence with new fence and fixed some of the old fence that was there – put up new barb wire
- Put rink braces back onto the rink boards
- Three loads of gravel on frost boil on Johnston Road
- Put in boat dock and set up ramp
- Litter pick up – Major pick up on the Township Roads
- Cut cedar trees down on Eady Road for 10 foot posts and 8 foot posts for the gates on Price Road
- Started working on the gates for Price Road but requested to stop
- Cut cedar trees on Price Road for posts. 10 foot and 8 foot.
- Started working on the gates in the back yard of the garage for entrance into Thomas Reid's field for septage
- Cutting trees down on the Johnston Road ditching job
- Started the guard rail job on Thompson Road – Going to all the guard rails in the Township
- Serviced lawn mowers and started cutting grass
- Thursday April 29<sup>th</sup> took the half loads signs down

**MISCELLANEOUS JOBS DONE**

- Opened culvert on the Lime Kiln Road – Plugged up by beaver
- Moved scrap pile out in the back yard for the new gates for septage
- Graded the pit run in the septage lot – Get ready for gravel
- Put up bump signs on Johnston Road on the frost boil
- Cold patching – Check all the paved roads
- Bill picking up garbage and cleaning up the Landfill Site
- Hang peg boards in the main office
- Set up stage and take down stage
- Put tipping fee sign back up at the Landfill Site
- Put up 911 signs
- Opened up three beaver dams on Bingham Drive with backhoe

**EQUIPMENT REPAIRS**

- Put new site gauge onto hydraulic tank on the old loader
- Change oil and filter on the transmission for the old loader
- Patch bucket on the old loader – Welding
- Fix clutch on the garbage truck
- Changed cutting edge on the grader
- Changed tires on Truck #1 ¾ ton truck – Winter to Summer

**ROADS GRADED IN APRIL 2010**

Thursday April 1	Goshen Road Storie Road
Monday April 12	McBride Road Kasaboski Road
Tuesday April 13	Far end of Johnston Road Bennett-Lafont Road Pinnacle Road Garden of Eden Road to Pigon Hill
Wednesday April 14	Lime Kiln Road Goshen Road
Monday April 19	Eady-Tinwood Road
Tuesday April 20	Storie Road
Thursday April 22	Lavallee Road McCreary Lane

Tuesday April 27                      Price Road  
    Bingham Drive  
    Mullin Road  
    Eady Road  
Thursday April 29                      Garden of Eden Road  
    Orin Road  
Too dry to grade – Not grading up well.

9.        **CORRESPONDENCE**

Municipal Data Works (MDW) Newsletter

The Committee reviewed the correspondence.

10.      **CAROLYN EDSON – VERBAL REQUEST FOR 40KPH SPEED LIMITS ON PINNACLE ROAD NEAR COBUS ROAD**

The CAO/Clerk informed the Committee that Ms. Edson who lives on Pinnacle Road near Cobus Road has requested 40 kph speed signs as gravel trucks travel at high speeds down the road which is a concern. After discussion the Committee agreed that they could not support this request.

11.      **REPORT ON VEHICLE FOR INFRASTRUCTURE MANAGER**

Jeff Schruder provided a report on his cost for mileage to the Township to date which would not justify the need to purchase a truck at this time. However, the Chief Building Official costs in 2009 were \$13,000.00 which would then be an advantage to have a vehicle for his jobs once he assumes the position in 2011. Rick Lester asked if a used van with the seats out would be a better vehicle to carry his equipment, do we need a half ton. Chair Bennett suggested a van limits the size he could carry, being a large sign or post. He added that the fuel saving would be minimal with the van. Councillor Kingsbury said a good used truck would be half the price of a new truck. After discussion the following resolution was put forward.

Moved by, Robert A. Johnston, Seconded by Rick Lester

That Public Works Committee recommend to Council that they call tenders for a new half ton truck.

**Carried on Division.**

Opposed: Councillor Bob Kingsbury

12.      **OTHER BUSINESS**

Rick Lester asked if the County is still monitoring Thompson Road culvert, Chair Bennett said yes. Rick Lester asked if they are also monitoring the bump that appears annually on Castleford Road. Mayor Johnston said he will address both these issues at the County Operations Committee Meeting to be held at the County June 14, 2010. Murray Humphries asked if there would be any commercial entrances for Jackson Toyota off of Garden of Eden Road, Chair Bennett said that their engineering firm JP2G have designed these entrances.

May Financial Report

CAO/Clerk presented the budget to actual report for May 2010 which the Committee reviewed.

Fill to Harold Deacon

CAO/Clerk noted that at the Waste Management Committee Meeting Chair Don Eady had suggested that there may be fill available from the Landfill Site coming from the Johnston Road job as there was enough fill already at the Landfill Site.

13.      **NEXT MEETING**

The Committee agreed that the next meeting would be Thursday July 8, 2010 at 8:30 a.m. as the tenders will close for the Garden of Eden Road job at 10:00 a.m. that morning and will be opened before the meeting is over.

14. CONFIRMING RESOLUTION

Moved by Jeff Schruder, seconded by Rick Lester

That the Committee pass this confirming resolution to cover any actions or directions given during the open portion of this Committee Meeting which are minor in nature and which were not set out in by-law or Resolution.

**Carried.**

15. ADJOURNMENT

Moved by Murray Humphries, seconded by Rod Eady

That this Committee Meeting be adjourned at 3:50 p.m.

**Carried.**

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Chair

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CAO/Clerk