



## OPERATIONS COMMITTEE

Monday, April 11, 2011

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A meeting of the Operations Committee was held on Monday, April 11, 2011 at 9:30 a.m. at the County of Renfrew Administration Office, 9 International Drive, Pembroke, Ontario.

Present were:                    Bob Sweet, Warden  
   Walter Stack, Chair

Committee Members:        Donald Eady, Norm Lentz, Jennifer Murphy, David Shulist,  
   Harold Weckworth

Staff Present:                James D. Kutschke, Treasurer/Deputy Clerk  
   David Darch, Director, Public Works & Engineering  
   Paul Moreau, Director, Development & Property  
   Steve Boland, Manager, Operations  
   Mike Pinet, Manager, Capital Works  
   Lori Dennis, Secretary, Capital Works

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Chair Stack called the meeting to order at 9:30 a.m. The roll was called, and no pecuniary interests were disclosed.

### **RESOLUTION NO. OP-C-11-04-34**

Moved by: Reeve Lentz  
Seconded by: Mayor Weckworth

THAT the minutes of March 7, 2011 be adopted as printed and circulated.

CARRIED.

### **Public Works & Engineering**

Mr. Darch presented the Public Works & Engineering Department Report, which is attached as Appendix A.

Committee was advised that the Township of Killaloe, Hagarty & Richards has made a request that the County delineate a parking area along Queen Street in front of A & J Convenience Store, as there are concerns with safety impediments on the sidewalk. Mr. Darch advised Committee that staff will determine if curb works can be done in Killaloe Township this year. He indicated the curb repairs in Arnprior are a priority, however, there may be some funding available for the Killaloe curb work.

Warden Sweet stated that it appears there is an issue with respect to parking on the sidewalk adding that there is currently no parking by-law or a fine schedule in place. Warden Sweet inquired who is responsible for sidewalk maintenance and enforcement. The Committee was advised that the municipality is responsible for the maintenance of the sidewalk and the paved

shoulder is the responsibility of that of the County. The County currently does not enforce parking issues on the shoulder.

Committee was advised that the Township of Killaloe, Hagarty & Richards has requested allocation of funding in the 2011 Public Works budget for the purpose of curb repairs in the Killaloe area. Mr. Darch commented that the estimated costs in the 2011 budget will be required to continue into 2012. He suggested that should there be dollars available that this could perhaps allow curb repairs to commence in Killaloe.

Committee was also advised that Ministry of Transportation has provided a notice of project change with respect to the proposed work on the Petawawa River Bridge and CPR Overhead Bridge on Highway 17 and that the contact information is contained in the attached report for comments.

Committee was advised that Councilor Cybulski (on behalf of the Township of Bonnechere Valley) has requested that rehabilitation of County Road 70 (Ruby Road) be reconsidered and completed this year as had been originally on the County's 10-year plan. Mr. Darch commented that staff attended a meeting with the Township of Bonnechere Valley where the project was discussed.

Mr. Darch provided an overview of factors that influence the timing of capital projects. He stated that if the schedule goes as planned, construction will start in 2012. Further, staff will have a look at the road and will provide a letter to the municipality outlining options to address the road's rehabilitation.

Mayor Murphy expressed appreciation to Mr. Darch, Mr. Pinet and Mr. Boland for attending the meeting at Bonnechere Valley and noted that she believed a planned project was sufficient.

Warden Sweet thanked Reeve Stack (for chairing) and staff for attending the meeting at the Town of Petawawa on March 25, 2011 to discuss the coordination of construction of the underground servicing works and the rehabilitation of Victoria Street from Wolfe Avenue to Laurentian Drive.

Mr. Darch distributed and overviewed the Treasurers Report for the year ending December 31, 2010. He advised the Committee that after an allocation of \$193,934 into the Equipment Reserve for a heavy duty truck that was budgeted for in 2010 but will only be delivered in 2011, the 2010 municipal surplus within the Public Works Department amounted to \$305,625. Mr. Darch further reported that in accordance with County Council direction, the municipal surplus of \$305,625 will be distributed into the Capital Works and Winter Control Reserve. The determination of the split of this surplus into reserves will be dealt with in consultation with the finance department

### **Capital Works Division**

Mr. Pinet overviewed the Capital Works Division Report, which is attached to the Public Works & Engineering Department Report. Mr. Pinet distributed an addendum report to the Capital Works Division Report. He referenced the chart on page 20 of the report, stating that the projects under consideration for the Day Labour Crew are indicated by an asterisk and added that approval is required annually from AMO for projects that are undertaken using gas tax revenues. These projects are shown in the final column of the table. Mr. Pinet noted that this is the first

year an application has been made for a bridge.

Mr. Pinet advised Committee that the Department has issued purchase orders totalling approximately \$160,000 to utility companies (Bell Aliant and Hydro One Networks) for utility relocations on County Road 63 (Flat Rapids Road). The costs of the purchase orders represent the County portion of the relocate costs being 50% of the labour costs.

Mr. Pinet provided an update to Committee regarding County Structure B032 (Calabogie Bridge) on County Road 511 (Lanark Road) Consultants have determined that it will be necessary to restrict traffic on Madawaska Street from exiting onto County Road 511. The township will be consulted to obtain approval for the required detours. The consultant is currently preparing the tender documents and drawings for tender during the month of April.

Mr. Pinet advised Committee that 6 pages of Mr. Wilf O'Brien's letter regarding Constant Creek Bridge Environmental Assessment had been omitted from the Department's report. Mr. Pinet distributed to Committee the remaining pages of the letter. Further, the Department has just received a follow-up letter from the Township which was reviewed by staff.

Mayor Eady inquired if property owners Mr. O'Brien and Mr. Sirosky will be contacted with respect to Constant Creek Bridge Proposal as they are two of the property owners that potentially are affected by the project.

Mr. Pinet advised that the property owners will be contacted once the details of the new proposals have been finalized. It will be necessary to liaison with Ministry of Natural Resources and Department of Fisheries and Oceans along with obtaining support from the Township for reduced standards. More information will be required before discussing property negotiations with Mr. O'Brien and Mr. Sirosky.

Mayor Weckworth voiced concerns about the Tramore Bridge deck repairs and requested clarity on the project completion date. He commented that repairs had been completed in prior years and suggested that Mr. Muzzi could have assisted in the review of the quality of the timber used for the repairs.

Mr. Pinet advised Committee that the lumber was sourced locally and was cut specifically for the project. With input from a consultant, the decision was made to change the deck configuration to a more conventional style of laminated timber deck using pressure treated lumber. The same consultant has been involved with this bridge in previous years. The project will commence the week of April 25, 2011.

Chair Stack questioned if the consultant would be providing a more expensive solution. He asked if the County would be responsible for 100% of the deck replacement costs.

Mr. Pinet commented that the costs of pressure treated timber configuration would be similar to the laminated timber deck, and the County would be responsible for 100% of the costs.

Chair Stack requested a comparable cost report along with the impacts on the budget.

Mayor Murphy inquired as to how a cost comparison will be completed by next committee meeting if the bridge is commencing repairs at the end of April.

Mr. Pinet commented that the deck repairs on the Tramore Bridge were initiated in the fall of 2010 in order to have the work completed before the winter of 2011. The work was halted due to weather conditions. The pressure treated lumber was purchased in the fall and the timber sections of the new deck were pre-manufactured to speed up the installation. The replacement of the deck is scheduled to be completed early this year. Letters will be sent to the residents, post office, school boards and the township advising of the bridge closure.

Chair Stack requested a report be presented to Committee outlining the deck and material options considered for the next Committee meeting. Mr. Darch concurs.

Mr. Pinet referenced and provided an overview of the Addendum Report to the Capital Works Division Report regarding tender results.

**RESOLUTION NO. OP-C-11-04-35**

Moved by: Mayor Murphy  
Seconded by: Mayor Weckworth

THAT Contract PWC-2011-11 for the Supply and Placement of Granular 'A' & 'B' on County Road 64 (Opeongo Road) in the Township of Bonnechere Valley, as submitted by R.G.T. Clouthier Construction Ltd., Pembroke, Ontario, be approved in the amount of \$107,225.70.

CARRIED.

**RESOLUTION NO. OP-C-11-04-36**

Moved by: Mayor Murphy  
Seconded by: Mayor Eady

THAT Contract PWC-2011-12 for the Double and Triple Surface Treatment of County Road 64 (Opeongo Road) from Baptist Church Road Southerly to McGrath Road, in the Township of Bonnechere Valley, be approved in the amount of \$118,596.32.

CARRIED.

Chair Stack questioned the 50% variance of the first and second tenders submitted for contract PWC-2011-13 – Close Cut Clearing – County Road 66 (Opeongo Road) however on the contract PWC-2011-14 – Close Cut Clearing – County Road 68 (Letterkenny Road) there is only \$1000 variance. He further questioned if the Department has worked with the contractor in the past. Mr. Pinet commented that it was his understanding that there would be more manual clearing due to terrain, and that the unit prices are very competitive. Mr. Pinet advised that the Department has worked with the contractor on past projects.

**Operations Division**

Mr. Boland overviewed the Operations Division Report, which is attached to the Public Works & Engineering Department Report.

Mr. Boland advised Committee that the River Road in the Sand Point area sustained damage this

morning due to the excessive rain fall overnight. Flooding and damage has also been reported on County Road 64 (Opeongo Road), County Road 58 (Round Lake Road) and County Road 51 (Petawawa Blvd). Staff has attended the various locations to ensure the roads and shoulders are safe and passable. Mr. Boland stated Committee will be provided with a report and photos at the next Committee meeting.

Mayor Weckworth commented that beaver dams are a contributing factor to culvert blockage and suggested that two culverts be installed to replace the existing culverts as this would be an alternative to prevent the road from washing out.

Mr. Boland commented that all factors are looked at when the County replaces culverts.

Mayor Murphy noted that more of the Opeongo Road is washed out in several areas.

Chair Stack inquired if the County or other road authorities have changed their winter operations due to staggered bells. He further questioned if there were any impacts in terms of costs. Mr. Boland commented that there have been no changes to the Department's winter operations. The Department seems to have received fewer calls this winter season than in previous years. He added that during the recent meeting with Public Works Managers and Road Supervisors across the County the issue was discussed and those municipalities affected by staggered bells reported that they have not changed their winter deployments. Mr. Boland further noted that there has been no impact on costs as the Department's winter operations have not changed.

Mayor Eady inquired what was the County's position on emergency road closures and further if there was a policy in place regarding detours on load restricted roads.

Mr. Boland commented that the County currently does not have a policy in place. He further noted that if the provincial highways close, it is the responsibility of MTO to set up detour routes in consultation with the OPP. Mr. Boland concurs that the County shares the concern regarding damage to load restricted roads due to detours. He advised that there is a meeting being arranged by the Community Policing Committee in North Algona Wilberforce to discuss the issue with the OPP and MTO.

Warden Sweet suggested liaising with the Town of Port Hope area as they have experience with the issue of detours along Highway 401.

Mr. Darch advised the Committee that the detours along Highway 17 is a critical issue and is an issue that would be addressed as part of the master transportation strategy for all roads in an emergency.

#### **RESOLUTION NO. OP-C-11-04-37**

Moved by: Mayor Murphy

Seconded by: Reeve Lentz

THAT the tender submitted by Nortrax Canada Inc., Pembroke, Ontario, for the supply and delivery of One 4-Wheel Drive Backhoe Loader, in the amount of \$107,868.67, including H.S.T. be approved.

Warden Sweet inquired if the purchase of the 4-Wheel Drive Backhoe Loader is for replacement of existing equipment. Further, if it is a replacement, will the existing equipment be exchanged or traded. Mr. Boland confirmed that it is a replacement and noted that the replaced equipment will be sold as surplus equipment at a later date.

CARRIED.

Mr. Darch advised Committee of the meeting with Madawaska Valley Works Committee to discuss costs associated with the replacement of Dam Lake Bridge. He provided an overview of the County bridge policy as it pertains to the replacement load posted bridges on low volume roads. Of the bridges in this category, Dam Lake Bridge was the highest priority. When the policy was first developed, a cost sharing agreement was anticipated with a cost of \$80,000 to 100,000 for construction and rehabilitation with a lessard type structure. The maximum contribution of the County would be \$50,000. Now that a more detailed review has been done for the Dam Lake Bridge, the cost is now projected at \$250,000. The Township of Madawaska Valley is not prepared to pick up shared costs based on the current policy. The County is working to resolve this. The local municipality has been asked to provide the County with a formal position. Staff will bring this matter back to Committee.

Mr. Pinet provided additional information related to this specific project. In this case, the lessard deck is 2 feet wider than the existing crib abutments. In addition, it will be difficult to install the necessary safety barriers due to the stone retaining walls. One solution is to put the bridge to one side, using gabion baskets. The costs of the deck alone is \$70,000 due to the need of a 60 foot bridge, not including transportation and installation. In addition, there will be costs for the work on the approaches. This results in an expected budget of \$250,000 to \$275,000.

Mayor Shulist thanked County staff for attending the meeting. He indicated that the township would like to move forward on the issue, and that safety is a primary concern. Mayor Shulist asked if there was an emergency, how emergency vehicles would attend to an emergency. Mr. Darch advised that there is currently a 2 tonne limit on the bridge, perhaps other alternatives should be considered such as a reservoir on the other side of the bridge that could be utilized in case of fire emergency.

Mayor Weckworth spoke regarding the Limestone Road bridges. He advised that there were discussions with land owners regarding the possibility of a road realignment, which would eliminate the need for the bridges. Mr. Darch acknowledged that land ownership was an issue. This could be a workable solution with agreement of land owner. Mayor Weckworth suggested that the County could consider sharing the costs to eliminate the bridges.

#### **RESOLUTION NO. OP-C-11-04-38**

Moved by: Mayor Weckworth

Seconded by: Mayor Murphy

THAT the Public Works & Engineering Department Report attached as Appendix A be approved.

CARRIED.

**RESOLUTION NO. OP-C-11-04-39**

Moved by: Mayor Murphy

Seconded by: Mayor Weckworth

THAT this meeting adjourn and that the next regular meeting be held on Monday, May 9, 2011 at the Town of Arnprior municipal office. Time – 11:23 a.m..

CARRIED.

COUNTY OF RENFREW

PUBLIC WORKS & ENGINEERING DEPARTMENT REPORT

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**TO:** Operations Committee

**FROM:** Dave Darch, P. Eng.,  
Director of Public Works & Engineering

**DATE:** April 11, 2011

**SUBJECT: Departmental Report**

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**CORRESPONDENCE**

1. The following correspondence items have been received and are attached for Committee's information and/or direction.
  - (a) Appendix I - Letter dated March 16, 2011 from the Township of Killaloe, Hagarty & Richards, regarding an issue of vehicles parking along County Road 512 (Queen Street) in front of A & J Convenience Store. The store is located at the intersection of County Road 512 (Queen Street) and Angus Street. According to the letter, problems are being experienced with vehicles parking and obstructing pedestrian traffic on the sidewalk. The Township has requested that the County delineate a parking area in front of the store. Staff will be reviewing the situation on site and will respond to the Township.

**Recommendation:** Receive as information.

- (b) Appendix II - Letter dated March 16, 2011 from the Township of Killaloe, Hagarty & Richards, requesting that the County allocate funding in the 2011 budget for curb repairs in the community of Killaloe. Presently the 2011 budget includes an amount of \$115,000 for curb repairs. The majority of the work planned for 2011 is to address a major curb replacement on County Road 1 (Elgin Street W) in the Town of Arnprior. Staff will review the request from the Township to determine whether or not it is possible to include the requested work in Killaloe and respond to the Township after the review has been completed.

**Recommendation:** Receive as information.

- (c) Appendix III - Notice of Project Change issued by the Ministry of Transportation (MTO) regarding work proposed on two bridges on Highway 17 in the Petawawa area. The notice advises that the work has been split into two distinct projects due to differences in the construction timing of each project. Staff will be reviewing the projects and providing comments, as appropriate, directly to the MTO and consultant team.

**Recommendation:** Receive as information.

- (d) Appendix IV – Letter dated March 21, 2011 from Councillor C. Cybulski, Bonnechere Valley Township regarding the timing of rehabilitation works to Ruby Road (County Road 70).

In her letter, Councillor Cybulski expresses concern that the timing of the road rehabilitation works have not been adhered to in accordance with the County's approved 10 year Capital Works program. As the Councillor correctly points out, the 10 year plan anticipated the following financial expenditures for Ruby Road:

2010- \$362,000  
2011- \$246,000  
2012- \$480,000

There have been several factors that have had an influence on the timing of the capital projects as presented in the multi-year program. They are summarized as follows:

- Overall increase asphalt and gasoline prices resulting in increased project costs.
- Several projects such as the Thomson Road Culvert rehabilitation, Norton Road (County Road 34) etc. were advanced or added into the capital works program as approved by Council.
- Special Federal-Provincial Stimulus funding programs required that candidate projects be advanced by at least two years. Even with the two thirds Federal-Provincial funding for these works, the County had to fund its share of the project costs.
- Benchmark costing was used to determine multi-year funding requirements. In several instances, project costs increased as more detailed design information became available.
- Several projects such as the Opeongo Road (County Road 64) were subject to a faster rate of deterioration than originally contemplated in the 10-year program. This resulted in a need to advance these projects.

As members of the Committee are aware, the approved multi-year Capital program is premised on sustainable funding. Essentially, there are two primary funding sources for the program. They are the General Tax Levy (approximately \$6.0 million) and Federal Gas Tax Funding (\$2.5 million). As a result of the above factors, it is fair to say that the timing of projects has been "shifted" approximately 2 years on average. Notwithstanding the timing changes, it is important to note, however, that the relative priorities of the 10 year plan are being respected in the development of our annual Capital Works programs.

It should be noted that the County submitted an application to undertake improvements to County Road 70 (Ruby Road) and County Road 515 (Palmer Road) under the recent Federal-Provincial Stimulus funding. Unfortunately, the project was not approved although funding was approved under this program for County Road 515 (Palmer Road).

At this time, the Department is forecasting the following funding expenditures for the rehabilitation of Ruby Road:

2011 \$30,000 for engineering design  
2012 \$650,000 construction  
2013 \$1,000,000 construction  
2014 \$525,000 construction

These costs may have to be adjusted as detailed design progresses.

Staff is aware of the Councilor's frustration with the Ruby Road project; however, it is always a "delicate balancing act" to identify priority projects when funding needs exceed funding allocations.

The Department will make every effort to monitor the road conditions on Ruby Road and undertake strategic maintenance operations such as hot mix patching etc. until the roadway is rehabilitated.

**Recommendation:** Receive as information.

## **INFORMATION**

### 2. Rehabilitation of Victoria Street (County Road 16)

As members of the Committee will recall, at the last Committee meeting, representatives from the Town of Petawawa gave a detailed presentation regarding the development activity in the community and the urgency to initiate critical sanitary sewer improvements. The delegation was requesting that the Town and the County work in unison to coordinate the construction of the underground servicing works and the rehabilitation of Victoria Street from Wolfe Avenue to Laurentian Drive.

Subsequent to this presentation, a meeting was convened on March 25, 2011 at the Town's Municipal Office to discuss the following issues:

- Roadway design standards
- Cost sharing principles
- Contracting Authority and tender document
- Scheduling

The meeting was well attended and there was agreement that Town staff and their consultants would meet with County staff to refine the scope of work required as well as the details of service cost-sharing. The Town indicated that it would be approaching their Council to confirm the extent of servicing works such as sidewalks, cycling lanes, paved boulevards, etc.

Staff will report back to Committee as details are identified with respect to the approval of the project, scope of work, cost sharing specifics, financing strategy, etc.

### 3. Annual Contractor's Meeting

On March 8, 2011, Departmental Staff met with 7 contractors that have been directly involved in the delivery of the County's construction programs. As members of the Committee will recall, these meetings are held on an annual basis in the early part of the year to discuss:

- Issues relating to the previous year's construction program
- The current Capital Works Program
- Miscellaneous issues related to tendering, quality control, etc.

Mr. Dave Darch invited those in attendance to comment on any issues relating to the 2010 construction program. Generally speaking, the contractors did not have any significant problems associated with the delivery of the 2010 program.

Mr. Dave Darch indicated that the 2011 program had a lower total value in view of the virtual absence of Federal-Provincial Stimulus funded projects. (\$13 million in 2010 versus \$8.5 million in 2011).

Mr. Mike Pinet overviewed a copy of the 2011 capital program with the contractors and highlighted those projects that would be undertaken by the County's day labour crew versus those that would be contracted out. Mr. Pinet also provided a general indication of the tender schedule for the various projects approved by Council.

Mr. Mike Pinet then reviewed the proposed changes to the standard County Public Works tender documents. Most changes pertain to revisions in the Ontario Provincial Standard Specification documents by the Province. The County will also be requiring that contractors use the standard OPS forms for property owners releases for lands used by the contractor to store equipment or, for those private lands on which surplus materials are stored or disposed.

The requirements that the Statutory Holdback be in accordance with the Construction Lien Act, has been clarified in the standard document. The contract will also now stipulate that all documents identified in the contract must be submitted prior to the Statutory Holdback being released. There was some concern expressed by one of the contractors that this could unreasonably delay the release of the holdback due to the inability of the contractor to obtain timely property releases or test results on materials used in the work. This could however be addressed by means of specific performance deposits on a case by case basis.

The County was also taking a further initiative to ensure that the County standard contract documents were properly used by consultants employed by the County. A new contract numbering sequence would be used to differentiate between Capital Works contracts and Operations contracts.

There was a general discussion regarding the indexation of asphalt cement and fuel prices. While some contractors were in disagreement, the majority were supportive of the indexation concept.

The County is also moving towards providing more contract information in a digital format to assist the contractors in tendering the work. The Operations Division and the Capital Works Division will be moving to provide documents in a digital format; however "hard copy" versions must be submitted by the tenderer, which will include properly executed documents and tender deposits.

Mr. Boland overviewed the Operations Division maintenance budget and discussed the hot mix patching and "scratch coat" programs. He stated that there had been an increased funding approval for this part of the Department's maintenance budget.

4. Monthly Treasurer's Report

Attached as Appendix V is the Treasurer's Report for February 28, 2011. This report reflects capital works operating (e.g. studies, infrastructure management, etc.) and normal operating expenditures as of the end of February 2011.

Since the report reflects only 2 months of expenditures, the Department does not have any comments or observations on the Treasurer's Report at this time.

5. Staffing

(a) Sign Shop Fabricator

We are pleased to advise that Mr. Warren Stewart was the successful candidate to fill the vacant Sign Shop Fabricator position at the Pembroke Patrol Garage. Mr. Stewart commences employment with the Department on April 11, 2011.

(b) Truck/Equipment Operator

Staff is in the process of selecting and interviewing candidates for a Truck/Equipment Operator working out of the Pembroke Patrol Garage. It is hoped that an offer of employment can be made by mid April.

(c) Seasonal Labourers

We are pleased that Mr. Richard Delaurier, Mr. Richard Brennan and Mr. Brandon Visutski will again be joining the Day Labour Construction crew, April through November 2011. The Department is currently recruiting for one other contract position for the Day Labor crew.

6. Capital Works Division

Attached as Appendix VI to this report is the Capital Works Division Report, prepared by Mr. Michael Pinet, P. Eng., Manager of the Capital Works Division, providing an update on activities.

7. Operations Division

Attached as Appendix VII to this report is the Operations Division Report, prepared by Mr. Steve Boland, Manager of the Operations Division, providing an update on activities.

**CAPITAL WORKS DIVISION REPORT**

Prepared by: Michael Pinet, P. Eng., Manager, Capital Works

Prepared for: Operations Committee

April 11, 2011

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**INFORMATION**1. Draft 2011 Capital Program Construction Schedule

County Staff and consultant teams are currently finalizing plans and tender documents, for several of the 2011 contracts. Appendix CW-I attached provides an updated construction schedule for the 2011 Capital Program.

2. 2011 Capital Program Project Updates(a) Reconstruction of County Road 34 (Norton Road), from County Road 508 (Calabogie Road) to English Road, Townships of Admaston/Bromley and Greater Madawaska - In House Design

All property matters related to private landowners have been resolved for the 2009 – 2011 construction projects. The transfer of the former travelled road to the County of Renfrew has been completed except for one section of the road which currently lists the local municipality as the owner of the road. The County Solicitor is currently reviewing the requirements to execute the transfer. Staff is currently working on a final design and acquisition of property for future County work.

(b) Rehabilitation of County Road 61 (Haley Road) from 1.0 km south of Godfrey Road to Highway 17, Township of Whitewater – In House Design

Reconstruction of this road includes widening the existing driving surface, drainage improvements, spot repairs (padding and placement of 50 mm hot mix asphalt) and shouldering. Staff is currently preparing a final design for the work. This work will be undertaken by the County of Renfrew Day Labour Crew and is expected to commence following the Labour Day weekend in September, 2011.

(c) Reconstruction of County Road 63 (Flat Rapids Road) from 300 m east of Mill Ridge Road to 750 m west of Mill Ridge Road, Township of McNab/Braeside

Work is proceeding for the design. Purchase orders have been issued to Bell Aliant and Hydro One for the relocation of overhead utility services. It is estimated that the relocations will be completed by August 2011.

(d) Rehabilitation of County Road 64 (Opeongo Road) from Baptist Church Road southerly 1.4 km, Township of McNab/Braeside

Rehabilitation of this road includes widening the platform width, ditching, pulverizing the road, brushing, placement of new granulars, road grade repairs and

the placement of triple surface treatment. The construction limits for 2011 will be from Baptist Church Road southerly 1.4 km. The project will also include 235 m of road grade repairs in the vicinity of McGrath Road.

Tenders for surface treatment and graulars have been prepared, advertised locally and will be opened April 7, 2011.

(e) Property

Staff members are continuing to work at property acquisitions related to several road projects.

Current property negotiations are summarized in the following table:

Road	Total # of Owners Contacted	Meetings Attended	Signed Options	Properties for which a By-law has been passed	Transactions Completed
22 (Grattan Road)	22	22	22	11	0
28 (Barron Canyon Road)	8	8	8	8	8
34 (Norton Road)	8	8	6	6	6
63 (Flat Rapids Road)	11	11	11	11	5
66 (Opeongo Road)	18	18	18	0	0
68 (Letterkenny Road)	14	13	13	10	0
71 (Matawatchan Road)	3	1	1	0	0
<b>TOTALS:</b>	84	81	79	46	19

3. Federal Gas Tax Projects

County Staff has completed the annual Federal Gas Tax reports for the 2010 work program. The \$2,552,436.08 provided through this program was expanded on the following road projects:

- Rehabilitation of County Road 22 (Grattan Road)
- Rehabilitation of County Road 66 (Opeongo Road)
- Rehabilitation of County Road 68 (Letterkenny Road)
- Rehabilitation of County Road 512 (Brudenell Road)
- Rehabilitation of County Road 34 (Norton Road)
- Rehabilitation of County Road 64 (Opeongo Road)
- Rehabilitation of County Road 71 (Mattawatchan Road)

For 2011, the projects that will be considered as eligible projects for funding through the Federal Gas Tax Program have been identified on the table contained in Appendix CW-I.

4. County Day Labour Program

Final preparations are currently underway for the 2011 County Day Labour Program. Work is scheduled to commence in mid-April with the replacement of the wood decking on the Traemore Bridge. This will necessitate that the bridge will be closed to traffic for one week beginning April 25, 2011.

The 2011 program for the day labour crew includes a variety of road and bridge rehabilitation projects. The crew is comprised of the day labour construction supervisor,

Mr. Rodney Siegel, a lead hand selected from the Operations Patrols and four seasonal labourers. This crew is supplemented on an “as required” basis with staff from the four patrol garages. Equipment is selected for the project by means of the rental equipment quotations. Procurement for goods and services such as these required for the supply of granular materials and asphalt paving are in accordance with the County Purchasing Policy. The projects currently identified to be completed by the day labour crew are indicated on Appendix CW-I.

5. Tenders & Quotations

(a) Upcoming Tenders

Staff continue to prepare for the 2011 construction season and are preparing several tenders for the 2011 construction program. All tenders will be advertised in the local newspapers and posted on the County of Renfrew web site in accordance with the County purchasing policy.

The following provides a list of pending tenders and quotations which staff expect will be advertised in the month of April 2011:

1. PWC-2011-08 – Rehabilitation of County Structure B032 (Calabogie Bridge)
2. PW-2011-15 – Single Surface Treatment of County Road 69 (Siberia Road)
3. PWC-2011-16 – Granular A&B – County Road 34 (Norton Road)
4. PWC-2011-17 – Rehabilitation of County Road 62 (Combermere Road)

(b) Projects currently being tendered

Advertisements were placed in local newspapers; circulated throughout the County and posted on the County of Renfrew’s website for the following projects:

- Contract No. PWC-2011-11 – Granular A&B – County Road 64 (Opeongo Road)  
Closing Date: April 7, 2011

Quotations will be received until 2:00 p.m. on April 7, 2011 for the Granular A&B contract for County Road 64 (Opeongo Road) from Baptist Church Road Southerly to McGrath Road, Township of Bonnechere Valley. County Road 64 (Opeongo Road) has been identified by the County of Renfrew to the Association of Municipalities of Ontario (AMO) as an eligible project for ‘Gas Tax’ funding.

- Contract No. PWC-2011-12 – Double & Triple Surface Treatment – County Road 64 (Opeongo Road)  
Closing Date: April 7, 2011

Quotations will be received until 2:00 p.m. on April 7, 2011 for the Double & Triple Surface Treatment contract for various locations of County Road 64 (Opeongo Road) from Baptist Church Road southerly to McGrath Road, Township of Bonnechere Valley. County Road 64 (Opeongo Road) has been identified by the County of Renfrew to the Association of Municipalities of Ontario (AMO) as an eligible project for ‘Gas Tax’ funding.

- Contract No. PWC-2011-13 – Close Cut Clearing – County Road 66 (Opeongo Road) Closing Date: April 7, 2011

Quotations will be received until 2:00 p.m. on April 7, 2011 for the Close Cut Clearing contract for County Road 66 (Opeongo Road) from Wilno South Road easterly 1.5 km, Township of Madawaska Valley.

- Contract No. PWC-2011-14 – Close Cut Clearing – County Road 68 (Letterkenny Road) Closing Date: April 7, 2011

Quotations will be received until 2:00 p.m. on April 7, 2011 for the Close Cut Clearing contract for County Road 68 (Letterkenny Road) from 1.6 km north of Rockingham Road northerly 2 km, Township of Brudenell, Lyndoch & Raglan.

A report summarizing the Tender Results will be provided at the April Committee meeting.

- Structure B053 - Constant Creek Bridge Replacement; Municipal Class Environmental Assessment - Consultant: Genivar

Committee will recall that Mr. Steve Taylor attended the January Committee meeting to provide an overview of the Municipal Class Environmental Assessment for the repair/replacement of the Constant Creek Bridge on Ferguson Lake Road. As reported in the March Committee meeting, the County has received a letter and detailed comments dated February 23<sup>rd</sup> from Mr. Wilf O'Brien, one of the landowners who will be affected by the replacement of the Constant Creek Bridge. The letter is attached as Appendix CW-II. The letter includes his response to the consideration of "Technically Preferred Alternative #5", being the recommended solution for this bridge replacement. The letter also takes issue with the process followed, and suggests that other solutions should be considered which would reduce the impacts on private properties and nearby residents. A copy of the comments from Mr. O'Brien was provided previously to the consultant team at Genivar for their review.

In a letter to Mr. O'Brien dated March 22, 2011, staff has responded that the Municipal Class Environmental Assessment process (EA) requires that the County consider a reasonable range of alternative solutions, as well as alternative means of implementing them. In the case of the Constant Creek Bridge, the County through the consultant team has developed and considered options which include rehabilitating, replacing and eliminating the structure as part of the EA process. A systematic evaluation of the alternatives in terms of their advantages and disadvantages was completed as required, however, the evaluation must also recognize the dynamic nature of the decision making process and be sensitive to changing conditions and new information. The EA process is flexible enough to deal with this. The letter from the County stated that the comments and input received from those participating in this EA process are a valuable part of the decision process, and will be taken into consideration by the County in determining the solution to be implemented.

Subsequent to receiving Mr. O'Brien's letter, the County has met with the consultant team from Genivar to determine if there are other options which should

be considered as part of the EA process. These options involve changes to both the alignment of the road as well as the type of structure that will be used to cross the creek. These new alternatives may address many of the concerns regarding the impacts on the properties, however, the consultants have advised that there could be additional mitigation work required in order to secure the necessary approvals from the regulatory agencies. This may include additional work along the Creek, both upstream and downstream of the crossing site, which could also affect private lands.

The consultant team is currently developing the technical details of the new alternative crossings, and identifying the related mitigation work that may be required through consultation with the Department of Fisheries and Oceans, Transport Canada and the Ontario Ministry of Natural Resources.

The current alternatives under consideration and presented at the meeting have assumed a minimum design standard consistent with the posted (legal) speed for Ferguson Lake Road. It will therefore be necessary to confirm that the use of reduced design standards proposed with these new options will meet the long term requirements of the Township, who are the current operating authority for the road. The cost for the option(s) will then be determined, prior to undertaking a comparative evaluation to the technically recommended alternatives.

Staff and the consultant will be meeting with the landowners to review these new alternatives and the potential effects to their properties before the evaluations are finalized. It is unlikely that the cost of these new alternatives will be within the funding available for the project in the near term. As such, it is probable that the interim solution which incorporates the temporary single lane structure will be installed, or the improvements to the structure postponed indefinitely.

#### c) Tender Results

- PWC-2011-09 – Equipment Rental

Quotations were received until 4:00 p.m. on March 22, 2011 for 2011 equipment rentals. All equipment suppliers who had responded to the previous year's contract were invited to submit quotations for rental equipment to be used on County of Renfrew projects at a variety of locations in the County. Equipment suppliers were able to provide prices for specifically identified equipment, or to propose rental rates for equipment that was not listed. The unit rental rates quoted by the suppliers apply to all locations in Renfrew County, unless otherwise specified. The quotations may however, identify additional transportation, mobilization, fuel or special area charges as may be appropriate.

The following 15 equipment suppliers provided submissions:

1. B.R. Fulton Construction Ltd., Renfrew, Ontario
2. Barrs Sand & Gravel, Douglas, Ontario
3. Bonnechere Excavation Inc., Renfrew, Ontario
4. Conran Inc., Perth, Ontario
5. Dawson Harrie, Killaloe, Ontario
6. Eastway Contracting Inc., Pembroke, Ontario
7. Felhaber Quarry, Eganville, Ontario
8. G.P. Splinter Forest Products Ltd., Pembroke, Ontario

9. Grant A. Crozier Excavating Ltd., Renfrew, Ontario
10. H&H Construction Inc., Petawawa, Ontario
11. Leonard Trader Haulage Ltd., Barry's Bay, Ontario
12. R.G.T. Clouthier Construction Ltd., Pembroke, Ontario
13. R.J. Selle Sand & Gravel Ltd., Douglas, Ontario
14. Thomas Cavanagh Construction Ltd., Ashton, Ontario
15. Walsh Contracting & Equipment Rentals, Barry's Bay, Ontario

The County of Renfrew will evaluate the equipment needs on a project-by-project basis. Although individual pieces of equipment may be utilized on a project, the County will give consideration to suppliers that are able to provide all or most of the equipment for a specific project.

• PWC-2011-10 – Close Cut Clearing – County Road 22 (Grattan Road)

As part of the 2011 tendering process, public tenders were requested for Close Cut Clearing of County Road 22 (Grattan Road), from Perrault Road to 300 m East of Wren Road in the Township of Bonnechere Valley. Advertisements were placed in local newspapers, circulated throughout the County and posted on the County of Renfrew's website.

The following Contractors requested tenders for the aforementioned projects. The results of their bids are summarized as follows:

**Contract No. PWC-2011-10 - Close Cut Clearing**

	<u>Corrected Amount</u>
1. Felhaber Bros., Eganville, ON .....	\$ 26,216.00
2. Bonnechere Excavating Inc., Renfrew, ON .....	29,952.63
3. Thomson Tree Removal, Griffith, ON .....	33,559.00
4. Tor Mac Tree Service Limited, Toledo, ON .....	37,031.73
5. 1789667 Ontario Ltd., Cache Bay, ON .....	41,695.31
6. B. Heideman & Sons Logging Inc., Douglas, ON .....	61,807.33
7. Timber-Line Tree Care, Algonquin Highlands, ON .....	63,635.72
8. Elm Enterprises, Arnprior, ON.....	86,430.30
9. B.R. Fulton Construction Ltd., Renfrew, ON. ....	95,706.37
10. K&K Tree Services, Pembroke, ON.....	100,563.24
11. Treescape Tree Care Professionals Limited, Ennismore, ON .....	Bid Rejected

\*All contract amounts include 13% HST

There were 9 other contractors that received tender package, however did not submit a bid.

In accordance with Policy GA-01 – Procurement of Goods and Services, the tender has been awarded to Felhaber Bros. in the amount of \$26,216. The total value of this procurement is less than \$50,000 and thus is within the limits of authority for the approval of the Director.

**SUMMARY OF PROPOSED 2011 CAPITAL WORKS PROGRAM****1) Road Reconstruction/Rehabilitation**

<b>Project</b>			<b>Project Advertise Date</b>	<b>Project Award Date</b>	<b>Project Start Date</b>	<b>Project End Date</b>	<b>Gas Tax</b>
<b>Road No &amp; Name</b>	<b>Municipality</b>	<b>Description</b>					
*20 (Castleford Road)	Horton	Frost heave repair 5 km east of Highway 17	18- April	25- May	8- June	10- June	No
*22 (Grattan Road)	Bonnechere Valley	Reconstruction from 1.6 km east of Hwy 41 easterly 2.0 km	23- May	29- June	25- July	2- Sept.	Yes
28 (Barron Canyon Road)	Laurentian Valley/ Petawawa	Rehabilitation from 3.0 km west of Priebe Road to Laurentian Hills Boundary	23- May	29- June	11- July	12- August	No
*34 (Norton Road)	Greater Madawaska Admaston/ Bromley	Reconstruction from 2.8 km north of CR 508 northerly 1.8 km	18- April	25- May	20- June	22- July	No
*61 (Haley Road/ Godfrey Road)	Whitewater	Rehabilitation from 1.0 km south of Godfrey Road to Highway 17	18- July	31- Aug	5- Sept.	30- Sept.	Yes
62 (Combermere Road)	Madawaska Valley	Rehabilitation from 1.0 km north of Chippawa Road southerly 2.0 km	18- April	25- May	6- June	24- June	Yes
63 (Flat Rapids Road)	McNab/ Braeside	Reconstruction from 300 m east of Mill Ridge Road to 750 m west of Mill Ridge Road	23- May	29- June	25- July	1- Sept.	No
*64 (Opeongo Road)	Bonnechere Valley	Rehabilitation from Baptist Church Road easterly 3.3 km	21- Mar	27- April	16- May	7- June	Yes
66 (Opeongo Road)	Madawaska Valley	Reconstruction from Wilno South Road easterly 1.5 km	23- May	29- June	29- August	30- Sept.	No
68 (Letterkenny Road)	Brudenell, Lyndoch & Raglan	Reconstruction from 1.6 km north of Rockingham Road northerly 2.0 km	23- May	29- June	19- July	19- August	Yes
69 (Siberia Road)	Madawaska Valley	Single surface treatment from Sunny Hill Road Southerly 2.0 km and Kartuzy Road westerly 1.5 km	18- April	25- May	27- June	28- June	Yes

\*Projects under consideration for Day Labour Crew

**2) Bridge & Culvert Reconstruction/Rehabilitation**

<b>Project</b>			<b>Project Advertise Date</b>	<b>Project Award Date</b>	<b>Project Start Date</b>	<b>Project End Date</b>	<b>Gas Tax</b>
<b>Structure No &amp; Name</b>	<b>Municipality</b>	<b>Description</b>					
*B108 (Tramore Bridge)	Killaloe Hagarty & Richards	Deck Replacement	18- April	25- May	8- June	10- June	No
B032 (Calabogie Bridge)	Greater Madawaska	Bridge Rehabilitation	23- May	29- June	25- July	2- Sept.	Yes
B053 (Constant Creek Bridge)	Greater Madawaska	Deck Replacement	23- May	29- June	11- July	12- August	No
B203 (Petawawa River Bridge)	Petawawa		Deferred				

\*Projects under consideration for Day Labour Crew.

**OPERATIONS DIVISION REPORT**

Prepared by: Steven P. Boland, C.E.T., LEL, Manager of Operations

Prepared for: Operations Committee

April 11, 2011

**INFORMATION**1. Winter Operations

During the month of March staff responded to winter events on 14 days. Table 1 provides a summary of the winter events and precipitation amounts for the winter to date.

**Table 1**

Month	Events	Weather Station	Precipitation (mm)
October	1	Petawawa	0.5
		Bancroft	0.4
November	10	Petawawa	60.5
		Bancroft	82.8
December	20	Petawawa	72.5
		Bancroft	97.2
January	19	Petawawa	35.0
		Bancroft	47.5
February	17	Petawawa	28.5
		Bancroft	N/A
March	14	Petawawa	89.5
		Bancroft	95.5

In reviewing the precipitation records for the month of March it is important to note that much of the precipitation received was in the form of rain and wet snow.

The night patrols ended on March 25<sup>th</sup> and the Department's deployment has returned to the regular routine for the day to day operations. While the winter season is for the most part over, staff continues to maintain a state of readiness to respond to late season winter events should they occur.

2. Winter Rental Facilities

Now that the winter season has ended, staff is in the process of vacating the rental facilities at Foymount and Golden Lake. The Township of Bonnechere Valley and the Algonquins of Pikwakanagan are to be thanked for their cooperation over the past winter.

### 3. Spring Drainage

Thus far the spring freshet has proceeded reasonably well with few problems having been experienced. The heaviest event occurred on March 17<sup>th</sup> and 18<sup>th</sup> due to the combination of heavy rains and warm temperatures. While some relatively minor and localized problems were reported and responded to, there was no significant damage to County infrastructure. Staff continues to monitor the spring break-up in an effort to anticipate potential problems before they occur.

### 4. Summer Operations

With the end of the winter season, the Department is moving into the summer operations. Over the next few weeks the following activities will commence:

- Repairs to guiderails and roadway signage damaged over the winter
- Road surface repairs
- Street sweeping
- Catchbasin and manhole cleaning

### 5. Renfrew County Public Works Managers

On March 22, 2011 a meeting was held at the County offices with the managers and supervisors of the various municipal public works and roads departments. A total of 13 local municipalities, as well as County staff, were present at the meeting. The purpose of the meeting was to discuss items and issues of common interest. Items discussed included the following:

- Spring Load Restrictions
- Cooperative Tenders for 2011
- Utilities within Public Road Allowances
- 2011 County Capital Works Program
- Snowmobile Routes and Crossings on Public Roads.
- Specialized Equipment Inventory and Availability
- Inventory of Roads related By-laws and Policies
- Staggered Bells
- Emergency Road Closures

As a result of the discussions, the group identified the following issues that would provide benefit to all. These will be discussed further at future meetings with an aim to developing a common, coordinated position for each issue.

- **Spring Load Restrictions**

The group is of the opinion that there is benefit in harmonizing the spring load by-laws of the various road authorities. This would include working together to develop a common by-law as well as coordinating the implementation dates for the load restrictions. Representatives from the County and the Township of Laurentian Valley have agreed to coordinate collection of the existing by-laws and drafting of a proposed by-law for future discussion and consideration by the group.

- **Utility Locations within Road Allowances**  
The group is of the opinion that there may be some merit to developing a common policy and process for all municipalities to utilize in the review and approval of applications by utility companies to install facilities within public road allowances. Of particular concern are those companies that may be forthcoming as a result of expansions in the fields of high technology and communications as well as alternative energy generation. The issue of utilities in road allowances will take some time to resolve and will be discussed further by the group at future meetings.
  
- **Snowmobile Routes and Crossings on Public Roads**  
Road surface damage and operational issues associated with snowmobile routes along public roads was discussed. It appears that a number of municipalities have been experiencing challenges in this regard. The group also acknowledged the benefits that snowmobiling provide to the local area. A representative from Snow Country will be asked to attend the next meeting to discuss ways to mitigate the problems while at the same time encouraging snowmobiling.

Future meetings will be held quarterly with the next meeting of the group being scheduled for June 21, 2011.

## **RESOLUTIONS**

### 6. PWO-2011-08 – One 4-Wheel Drive Backhoe Loader

Tenders for the supply and delivery of one 4-wheel drive backhoe loader have been requested and received on March 29, 2011, as follows:

1.	Nortrax Canada Inc., Pembroke, Ontario	\$107,868.67
2.	Wajax Industries, Ottawa, Ontario	125,192.70
3.	Toromont CAT, Kanata, Ontario	128,780.45
4.	Strongco Corp., Mississauga, Ontario	No Bid

All contract amounts include the applicable taxes.

The 2011 budget allocation for this purchase is \$100,000. Procurement of the equipment included in this tender, followed the requirements set out in Policy GA-01 – Procurement of Goods & Services.

**Recommendation:** THAT the tender submitted by Nortrax Canada Inc., Pembroke, Ontario, for the supply and delivery of One 4-Wheel Drive Backhoe Loader, in the amount of \$107,868.67, including H.S.T. be approved.