



315 George St, PO Box 310, Warton On NOH 2TO
Telephone 519-534-1400/Fax 519-534-4862
Toll Free 877-534-1400

Phil Dwyer
Manager of Public Works

REPORT RE: 2011 Work Plan

DEPARTMENT: PUBLIC WORKS

OVERVIEW:

The Public Works Department has many sub-sections which are grouped and listed in this work plan. Of note is the line title ADMINISTRATION in the Housing and Equipment section. This contains the salaries for the Manager of Public Works, the Assistant Manager of Public Works, the two (2) Road Supervisors and the Administrative Assistant.

The Assistant Manager of Public Works is on a two (2) year contract which concludes in May 2011. The volume of work and complexity of issues dealt with on a daily basis warrants this position being filled full time. This person supports the Manager of Public Works in almost all of the following sub-sections. The Manager of Public Works has included in this budget sufficient funds to incorporate the full time position.

PAID PARKING

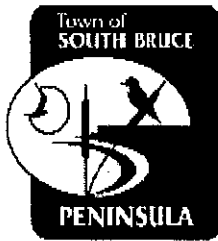
The Public Works Department hires students to supplement the By Law Enforcement Department for parking enforcement at Sauble Beach. This year the students will be provided with bikes to patrol. This is to move away from the past practice of paying them mileage. Bikes will allow for more flexibility in patrolling along the roads, better and faster access to the beach for infractions regarding BBQ's, dogs or closed tents on the beach. As changes are occurring in the By Law Enforcement Department the Town will also be responsible for their uniforms and it is expected one student will be paid mileage to collect money from the paid parking dispensers and bring it to Town Hall daily.

ROADS

Town staff will be rebuilding one road this year being Lilac Lane. This road will have the following improvements; drainage, base repairs, additional gravel and hard surface.

Due to insufficient staff, road improvements on the D-Line will be contracted out. Contract management and inspection will be done in-house rather than engaging a consultant which has been the past practice. With the funds allotted it is expected 1 to 1.5 km. of the road can be rebuilt.

Ongoing projects such as ditching, replacement of road culverts and maintenance gravel will continue.



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Gravel roads receive an application of crushed gravel, on average, once every three years. Because of the type of gravel available in the area (limestone) it does not have the durability and over a three year period the coarse aggregate breaks down into smaller particles which does not provide the structural strength required and holds more moisture. This increases the spring tendency for the roads to become soft and lose their cross fall (shape). Going forward the Department will be increasing the amount of hard top surfaced roads so that in time the expenditure for maintenance gravel can be reduced.

Capital

The budget has provisions for replacing the following equipment:

A backhoe loader will be replaced with a front end loader. The backhoe loader will be listed as an optional trade-in and if the value offered is low it instead will be put up for auction. The front end loader is being specified with additional attachments being forks to load pallets and culverts, a snow bucket and a plow blade. This will allow for more efficient plowing of parking lots in Wiarton, the loading of trucks with gravel and winter sand plus the ability to remove snow banks on Berford Street and as required in other areas on a more frequent basis. Snow removal is presently contracted out for Berford Street and this equipment will eliminate that contracted work.

A combination snowplow/sander tandem truck is to be purchased to replace a 1986 snowplow truck which is well past its useful life expectancy. The old truck will be auctioned off.

Two ½ ton trucks are being requested for the two Road Supervisors. Their present vehicles will be used within the Department and older ones will be disposed of through auctioning.

TRAFFIC AND STREET LIGHTS

In 2010 no requests for new street light locations were acted on due to the full replacement with dark sky compliant lights on the south side of Queen Street West, Hepworth (C.R. 8). A written request for additional lighting has been received from Downs and Son Funeral Home. The Manager of Public Works recommends installing three additional lights in the vicinity of the Funeral Home on the north side. As a lot of visitation occurs in the evening, this is a reasonable request.

In 2005, Council passed Resolution No. R-167-2005 being a DARK SKY PROCLAMATION. Other than the lighting noted above, lighting work by the County at the intersection of County Roads 8 and 13 in Sauble Beach and the core area on Berford Street in Wiarton, few if any lights have been installed based on this Council Resolution. Unless directed by Council otherwise, where it is practical to do so, the Department will commence installing dark sky lighting when requests for new lighting locations are received or where present fixtures need to be replaced. As the bulbs for these lights will be LED, over time energy costs for street lighting should be reduced and complaints about non-working lights will be reduced due to their much longer lifespan.



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WIARTON WATER AND SEWER

In 2010 Council authorized the Department to proceed with the installation of water meters in the Wiarton area. The original plan was to install 50% in 2010 and the balance in 2011. In discussion with suppliers it was determined that for customer satisfaction and consistent implementation, all meters should be installed during a set time frame. As a result, water meter installation will commence in the late spring this year. Council in 2010 approved a budget of \$300,000. In 2010, this was used to purchase water meters. In this year's budget an additional \$300,000.00 is required to complete the purchase of the remaining meters and commence installation. A grant has been applied for to offset some of this cost and also to be able to complete the whole Town by installing water meters on the four Sauble-Amabel systems.

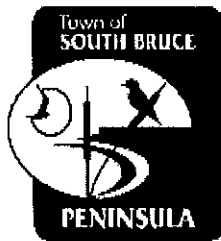
Inspection of the interior of the Wiarton water tower in the late fall of 2010 revealed failure of the protective coating on the tank interior walls. Left unrepaired it will lead to premature failure of the tank due to corrosion and advisory boil orders being issued by Public Health due to water discolouration (turbidity).

The sanitary sewer lateral pipe between the property line and the main sewer servicing the New Orleans pizza location has been inspected with an underground camera and found to be in need of replacement. The work will be expensive (in the \$30,000.00 range) because of its location, depth and other utilities that will be encountered during the work. Money has been allowed in the budget to cover this work.

The Departmental budget includes money for a review, analysis, recommendation and design for replacement of old water and sewer pipes in conjunction with roadway upgrades in the Wiarton area. This consulting work normally occurs 12 to 18 months prior to actual construction. This expenditure will help the Department to strategically plan and replace aging infrastructure prior to its failure.

SOLID WASTE, RECYCLING AND LANDFILL

In 2010 Council authorized a Master Management Plan. The plan was completed by the consulting firm Pryde, Schropp, McComb Incorporated in the fall of 2010. Recently, this firm has become part of the Genivar group. The previous Council did not review the report and this Council will be receiving it shortly for review, comment and providing direction to staff. The report in brief states that the capacity is limited to about ten more years. It identifies options to extend the properties life use by applying for more area to landfill. This will be expensive and could take four or more years before approvals are granted. An Environmental Assessment will be required. The Manager of Public Works has allowed money in this portion of the budget to investigate mining of previously land filled cells to remove items that previously could not be recycled and to increase the compaction (density) of this re-claimed material.



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The landfill site also is a recycling depot for items not collected curbside by BASWRA which are cardboard, vehicle tires, bale wrap, batteries and electronic waste.

SAUBLE WATER AND SEWER

There are presently four (4) systems collectively named the Sauble-Amabel Water system. The systems were originally eleven (11) mandated by the MOE to be combined and upgraded. This work was completed in March 2010. Final payments by the senior levels of government are still forth coming so billing to the users has yet to be completed. There is a problem as identified in report PW-13-2011 with the Oliphant system. The Manager of Public Works intends for the reduction of operating costs for this system to be put into reserves for correction of the problem. This means that the billing to users will remain the same.

Sauble sewers, as Council is aware, have not become a project at this time. However, as directed by Council, ongoing work and investigation is still required. A nominal sum for consulting has been allowed for in the budget and may not be sufficient depending on the direction Council wishes to take.

CEMETERIES

The Town is responsible for five (5) cemeteries. Three (3) are active and two (2) just perpetual care.

PARKS, CAMPGROUND AND INFORMATION CENTERS

The Town operates seven (7) parks, one (1) campground at Bluewater Park and two (2) information centers. In the past the detail provided by this year's budget was not available. For the park listed as Sauble Beach, this includes the actual beach, Bannister Park where the Community Center is located, the ball diamond and the two (2) tennis courts (at Bannister Park and the north end of the beach). The Tennis Association is contributing to the identified upgrades required for the tennis courts. Children and adult play equipment has been included in the budget for some of the parks.

Major work was undertaken at the campground during 2010 and will be completed in 2011. Some site grading has been allowed for and electrical connections for some of the seasonal sites will be tendered in the early spring.

The information center at Sauble Beach is located in the Medical Clinic. A previous agreement requires the Town to be responsible for snow cleaning and grass cutting. This year, these activities will be tracked for the first time to reflect the true cost of the information center. The information center in Wiarton has been located in the Train Station. This year it moves to a new location in the Coal Shed and the budget has allowed for furniture and display cabinets.



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RECREATION

The previous recreation programmer was a full time employee. The Manager of Public Works chose to hire the current programmer into a contract position to ensure there was a need for the position and that the person doing the work was a good fit. The Manager of Public Works is recommending the position again become a full time position. This position looks after the outdoor pool, the elderly persons' center, obtaining qualified instructors to run programs, registers those taking programs and is responsible for all facility bookings.

COMMUNITY CENTERS

The Town is responsible for six (6) community centers. Four (4) operate more or less independently unless a major expense is required such as window upgrades or replacement of a septic system.

The other two Warton and Sauble Beach are both used for emergency centers in case of a declared emergency such as an ice storm or tornado. They both are used for community events as well.

POOL

The pool requires the following capital expenditures:

- 2 life guard chairs
- 2 new doors
- 8 windows

The upgrades are required as the windows are nailed shut to prevent them from falling open and the doors are well beyond repair.

ARENA

The transfer from reserves in this area is for monies put aside in 2010 to install a new sound system. The capital expenditure is to replace tables that will be recycled for outdoor event use.

ROSS WHICHER CENTRE

The Warton library (Ross Whicher Center) is used extensively by Bruce County as the tenant. The County is asking for additional space and the former Council authorized money for the design of an addition. The architects initial cost estimate is \$400,000.00. Payment of this amount will be realized through a rental agreement in the future.



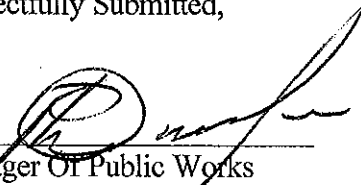
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LIBRARIES

The carpet in the Sauble Beach library is 20 years old and in need of replacement.

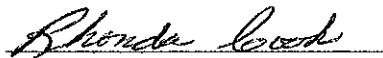
Respectfully Submitted,



Manager Of Public Works

Date: Jan 16, 2011

Approved by,



Rhonda Cook, CAO

Date: Jan 16, 2011