



## **NIGHTINGALE CRESCENT**

## **RECONSTRUCTION**

## **INFORMATION PACKAGE**

Nightingale Crescent from Mockingbird Drive to Whippoorwill Drive

*Open House  
Thursday, December 1, 2011*

*TOWNSHIP OF WOOLWICH  
PARK MANOR PUBLIC SCHOOL - LIBRARY  
18 Mockingbird Drive, Elmira*

*4:30 p.m. to 7:30 p.m.*

## **Project Limits and Scope**

The Township of Woolwich is currently working with Meritech Engineering on the engineering design for the reconstruction Nightingale Crescent from Mockingbird Drive to Whippoorwill Drive for construction commencing in May 2012.

The scope of work is to include the complete replacement of the existing watermain, pavement structure, curb and gutter, and sidewalk to the municipal property line. Also included, will be isolated repairs / replacement to the existing sanitary sewer and storm sewer along with utility improvements where warranted by the utility companies.

## **Project Schedule**

- Public Information Centre Meeting: December 1, 2011
- Detailed Design and Contract Documentation: December 2011 to April 2012
- Construction: May 2012 to October 2012

## **Construction Period**

Construction activity will be scheduled to minimize the overall duration of the project. The overall project duration and ultimate completion date may be affected by weather, on-site issues, subgrade conditions, and any unforeseen difficulties encountered during construction.

## **Project Funding**

The Township of Woolwich will use water reserves, sewer reserves, and Federal Gas Tax funding for this project. There will be no assessment of direct costs to abutting property owners through tax increases or local improvement charges.

## **Municipal Services**

In order to construct new underground services and improve individual municipal service connections, there will be some temporary disruption to water and sewer service connections. The intent of the Township is to communicate these disruptions well in advance and to minimize any inconvenience. The Township's Contractor will be required to schedule the work to minimize disruptions and to restore service as quickly as possible. Temporary water supply will be provided, where required, to expedite the completion of water service replacements.

The underground replacement of service piping and related hardware will be limited to the property line. However, since all services are connected to internal plumbing and fixtures within the existing buildings, property owners will be requested to permit periodic access to their building(s), by the Contactor, to confirm that the new services are functioning properly.

Watermain work will help water pressure and capacity of new water service laterals, to the street property line. If a homeowner has experienced low water pressure and this condition continues during or after the construction is complete, then it may be necessary to replace

the remaining length of water service to the water meter at the house and/or plumbing system within the house.

The Township will be replacing the existing cast iron watermain with a PVC watermain, as it is non-corrosive and lasts longer. The Township will either install copper or polyethylene water services from the watermain under the roadway to the property line.

The Ontario Electrical Safety Code allows the use of water piping for residential homes to act as a ground electrode only if the pipe is a continuous conductive metal pipe at least 0.6m below finished grade and the pipe extends a minimum of 3.0m beyond the extremities of the residential home. It is not anticipated that any homes within the limits of the Mockingbird Drive reconstruction project will fail to meet the above conditions.

If you're going to proceed with replacing your water service from the property line to your house with copper, the grounding should not be affected. If you wish to install a polyethylene water service from the property line to your house, then a ground resistance test needs to be carried out by a qualified Electrician. If the grounding is found to be adequate with the non-metallic water piping then nothing further needs to be done. If the grounding is insufficient due the removal of the metallic piping, additional measures such as the installation of 1 ground plate or 2 ground rods needs to be completed in accordance to Electrical Safety Authority standards.

The replacement of the existing metallic watermain with a PVC watermain within the Township's road allowance, should not affect the ground resistance of the electrical services of the residential houses within the reconstruction limits provided that the homeowners do not replace their pipes without verifying the grounding of their homes first.

Any private property water replacement will be the property owners cost. Should you decide to replace your water service, this work could be coordinated through your Contractor with the Township's Contractor so the water service can be replaced when it's exposed at the property line.

### **Pedestrian Access**

Pedestrian access to all buildings will be maintained at all times, although periodic disruptions may occur for short durations. The construction contract for this project will be written to include a requirement of the Contractor to provide a level, gravel walking surface for pedestrians and to provide intermittent pedestrian crossings of the roadway. Please notify the Township of any special needs you may have regarding access to your property.

Temporary construction fencing will be provided, whenever possible, to separate the activities of workers, equipment and construction vehicles from that of the public. These fences are to protect the public from the work by creating a visible barrier from the construction activity. Members of the public are asked to report any observed vandalism or accidental impacts on construction fencing to Township representatives, to ensure that the proper delineation of the work area is provided for the safety of all.

## **Deliveries**

Deliveries may be impacted by the work. All owners are asked to communicate any specific delivery needs to Township representatives, whether regular or special deliveries, in order to coordinate the safe and efficient delivery of goods.

## **Tree Protection**

Where healthy trees are identified they will be protected throughout construction. Any tree identified as being unsafe will be removed. Trees showing significant decline, identified as being of poor quality and trees that are in major conflict with proposed work will be identified as potential removals. Specifications have been developed to minimize the amount of damage to trees during the work. This includes tunneling under trees, supplementary watering, and restrictions on the amount of restoration work that occurs around trees. At this time, no specific tree removals have been identified or proposed on Nightingale Crescent.

## **Site Office**

A site office trailer will be established within, or adjacent to, the work area as space and available facilities permit.

The site office will be a place of contact between the public and project personnel and will also be used for construction progress meetings with the Contractor.

## **Hours of Work**

Construction activity will generally be between the hours of 7:00 a.m. and 7:00 p.m., except on Sundays and Statutory Holidays, when construction is prohibited.

Normally, road reconstruction projects are undertaken during the week from Monday to Friday. During the later stages of construction, or as needed, it may be required that the Contractor work on Saturdays within the regular working hours of 7:00 a.m. and 7:00 p.m., in order to meet the scheduled date of completion.

## **Contractor:**

The Township will be obtaining prices for the work from interested Contractors, through a public tendering process.

It is anticipated that a qualified Contractor will then be awarded the contract, subject to obtaining the necessary approvals.

## **Garbage and Blue Box Pickups:**

Please continue to place your garbage, blue boxes and green bins at the property line prior to 7:00 a.m. for pick-up as usual.

If the garbage and recycling trucks are unable to travel on the roadway, the Contractor will take these containers to the nearest intersection for pick-up. Please use plastic garbage bags wherever possible and **clearly mark returnable containers with your address.**

**Project Contact:**

For further information regarding this road reconstruction project, the following personnel may be contacted:

Mr. Richard Sigurdson, C.E.T.  
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***Thank you for your attendance at the Open House***

# APPENDIX A

## Nightingale Crescent Reconstruction



