

OPEN HOUSE

Sunnyside Avenue Traffic Calming & “Green Street” Treatments



September 25, 2013

- The Old Ottawa South Area Traffic Management (ATM) Study, completed in 2012, identified measures to improve safety for all users. Building on the ATM Study, the City is considering further enhancements to help “green” the street and improve stormwater management.
- The purpose of this Open House is to:
 - Provide an update on planned traffic calming and street “greening” improvements on Sunnyside Avenue
 - Seek community input to inform further design work.
- Please have a look at the displays. City staff and study team members are here to answer any questions you may have. Please use the Comment Forms provided for any further ideas, comments or suggestions you may have.



Your feedback is important to us.

- The Old Ottawa South Area Traffic Management (ATM) Study, completed in 2012, identified planned improvements to Sunnyside Avenue. The Study process included:
 - 3 working group meetings
 - 2 Open Houses (April 28, 2010 and April 7, 2011)
 - 1 Community Association meeting (September 15, 2011).
- The preferred concept included a combination of highly visible cross-walks and curb extensions to offset traffic flow and narrow the roadway.
- Since the completion of the ATM study, additional design elements are being considered to further “green” Sunnyside Avenue and improve stormwater management including:
 - Select boulevard areas are proposed to be designed and constructed as “rain gardens” to add greenspace, enhance the streetscape and capture and treat stormwater runoff.



The design phase of the project is now underway with the aim of completing the construction of the improvements in 2014.

Objectives

- Reduce vehicular traffic speed
- Improve pedestrian safety
- Improve the streetscape aesthetic
- Provide stormwater management
- Provide opportunities for street greening



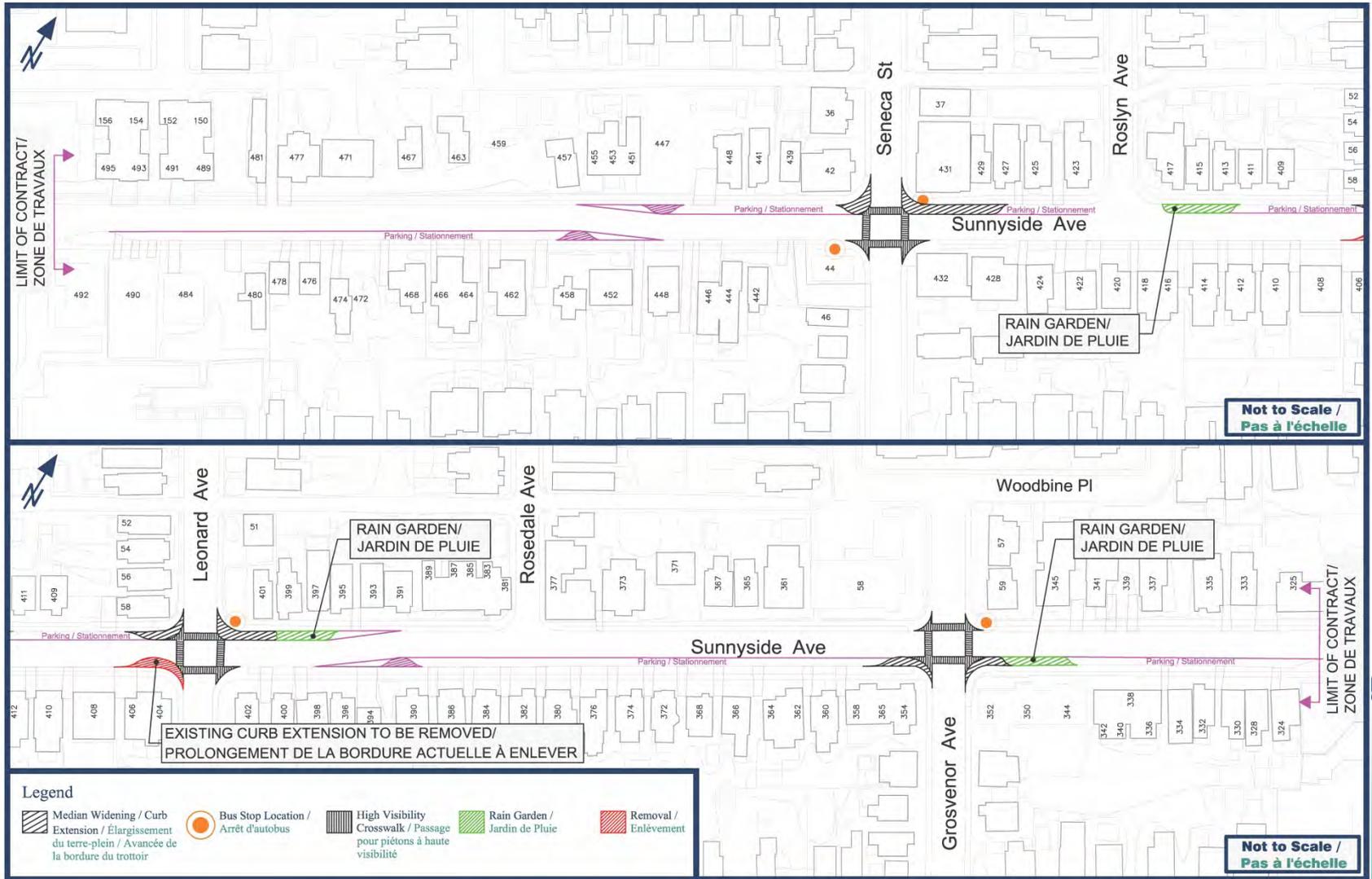
What does the Project include?

Works are proposed for Sunnyside Avenue from Carraway Private to east of Grosvenor Avenue. They include:

- Off-setting mid-block curb extensions
- Curb and boulevard extensions at intersections with Seneca Street, Leonard Avenue and Grosvenor Avenue
- “Rain gardens” in boulevard extensions are being considered near Grosvenor, Roslyn, and Leonard Avenue intersections
- High contrast ladder painted crosswalks at intersections with Seneca Street, Leonard and Grosvenor Avenue



Functional Design



What is a “Rain Garden?”

Rain gardens are planted areas designed to improve water quality and reduce runoff using a combination of soil, plants and mulch to treat and absorb stormwater runoff. The functions performed by rain gardens are also known as “bioretention.”



Aquafor Beech 2010



Credit Valley Conservation 2012



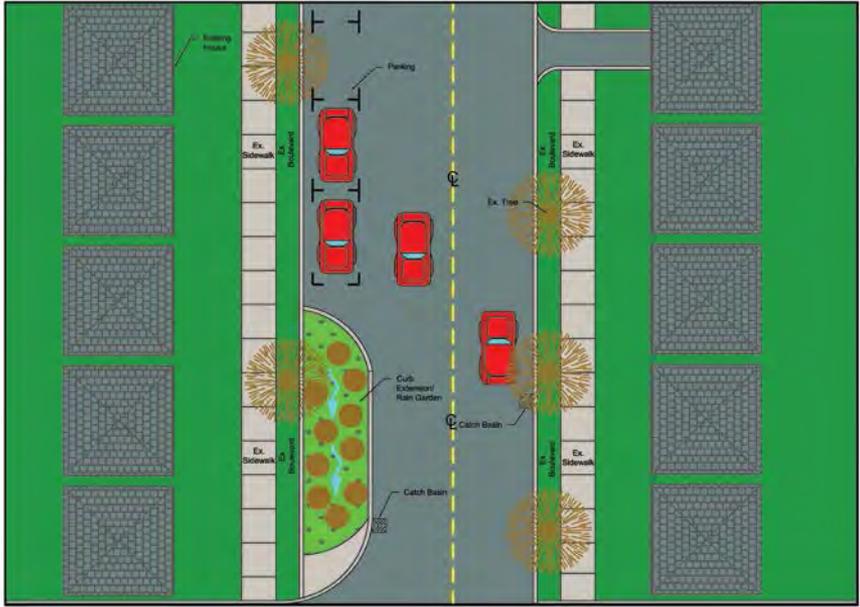
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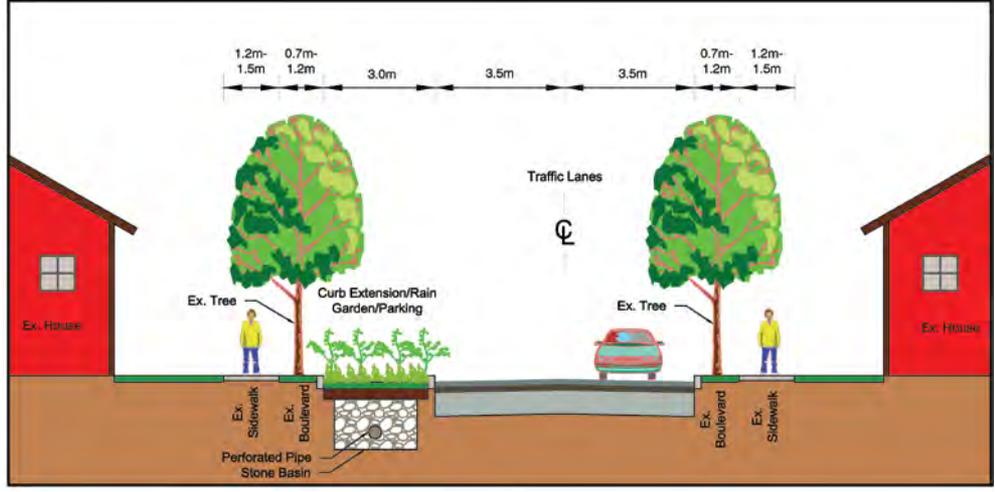
Credit Valley Conservation 2012

Rain gardens can be combined with boulevard extensions to serve multiple purposes including traffic calming, improved aesthetics and stormwater management.

Plan View



Cross-section



Key considerations:

- **Reduced on-street parking** – The number of on-street parking spaces removed will be dependent on the final design.
- **Tree removal** – The existing tree at Leonard Avenue may require removal if the design cannot accommodate it.
- **“Rain Gardens” pilot project** – The proposed “rain gardens” are being undertaken as a pilot project for the City to learn more about these measures. Depending upon what is learned and how successful the installations are, the rain gardens may be replaced in future.
- **Construction disruptions** – Construction activity will require temporary disruptions to regular street operations.

Summary and Next Steps

- The functional design reflects a portion of the concept recommended in the Area Traffic Management Plan approved in 2012.
- To further 'green' the street, improve aesthetics and treat some of the stormwater runoff, rain gardens within the proposed boulevard extensions are now being considered.
- Your comments and input on the functional design are needed for the project to proceed with the preliminary and detailed designs
- You will notice the project team in your neighborhood in the coming months as we:
 - Complete an elevation survey of the street and boulevard
 - Confirm the location of existing utilities
 - Undertake soil testing.
- A second Open House is scheduled in December at which the preliminary design will be presented.
- More detail including locations, dimensions, signage and pavement markings will be provided with the preliminary design.



Project Schedule

Open House #1 Review Functional Design
Surveys and Engineering
Complete Preliminary Design
Public Open House #2 – Review of Preliminary Design
Completion of Final Design and Tender
Construction Completion

September 2013
October – December 2013
December 2013
December 2013
March 2014
August 2014

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