The Davis Drive rapidways are an integral part of Newmarket’s long-term growth and revitalization plan, which includes transit-oriented development and more travel options.
The Davis Drive rapidways are part of the vivaNext plan to build a modern, efficient rapid transit network that connects York Region’s urban centres and enriches our communities.

The plan includes rapidways on Yonge Street and Highway 7, as well as two subway extensions and two proposed light rail transit lines.
Planned construction includes bus rapid transit in both dedicated rapidways and in mixed traffic. It will connect to the Bloor-Danforth subway. The vivaNext route map illustrates the planned rapid transit lines and stations. The map includes funded rapid transit (2010-2015), future rapid transit (2015-2020), proposed light rail lines, and proposed subway extensions. The GO Transit rail lines are also marked on the map.
relieving traffic congestion on davis drive

one VIVA vehicle can take up to 70 vehicles
shaping development on davis drive

> Improved transit access
> Helps shape successful urban renewal along the route
> Encourages building of attractive, pedestrian-friendly places for people to live, work, shop and play
davis drive rapidways

1. Yonge Street to Wilstead Drive

Legend:
- Proposed Rapidway
- Proposed Platform
- Proposed Sidewalk
- Existing Property Line
- Proposed Property Line
- Property Purchase/Dedication
- Permanent Easement
- Temporary Easement
- Acquired Future Right of Way
- Acquired by York Region
davis drive rapidways

2 wilstead drive to longford drive
davis drive rapidways

3 longford drive to vincent street
davis drive rapidways

vincent street to seniors' meeting place
sensiors' meeting place to roxborough road
davis drive rapidways

roxborough road to huron heights drive
leslie station
more room for everyone who uses davis drive

- 21 buildings were removed along Davis Drive in 2010 in preparation for road widening.
- This will accommodate construction of dedicated centre-lane rapidways and vivastations without reducing the number of existing traffic lanes.
- Installation of wider pedestrian-friendly sidewalks complete with greenery, seating and enhanced lighting will follow construction.
pedestrian-friendly intersections along davis drive

- No right turns will be permitted on red lights at signalized intersections along Davis Drive
- This change will make it safer and easier for pedestrians to cross intersections and access Vivastations located in centre lanes along rapidways
how traffic flow will operate at 4-way intersections

**first signal phase**: left and u-turns

**second signal phase**: general traffic, pedestrians and viva rapid transit

**third signal phase**: cross street general traffic and pedestrians
safer, more convenient left turns across davis drive

- No more waiting for oncoming traffic to clear before making left turns mid-block across Davis Drive
- Drivers will proceed to nearest signalized intersection and follow dedicated u-turn lights to safely and conveniently complete turns
> Landscaped areas, comfortable seating, improved lighting, and attractive architectural elements such as handrails, retaining walls and fencing will transform Davis Drive into a key destination for people to meet, gather and socialize.

> The combination of great transit access and wider, pedestrian-friendly sidewalks will encourage businesses and developers to offer more choices to work, dine, relax, live and shop.
new vivastations will provide greater comfort and convenience

- Roof extends up and over Viva vehicles to keep snow and rain off while embarking/disembarking.
- Roof and side panels made of reflective tinted glass for greater visibility and comfort.
- Extended platform length can accommodate multiple Viva vehicles, enhancing embarking/disembarking efficiency.
- Raised platform provides level boarding of Viva vehicles, eliminating the need to climb steps or lift objects.
- Temperature and motion-activated heaters in full wind enclosure provide warmth while motion-activated entry doors minimize heat loss.
- Arrival/departure screens provide real-time scheduling info plus up-to-the-minute time, weather, news, sports and market headlines.
- Full-time security surveillance and intercom for emergency assistance on platform.
- Tactile pavers along rapidway edge provide greater safety.
- Energy-efficient lighting throughout for greater safety and comfort.
- Gently sloping ramp provides easy wheelchair, motorized scooter and stroller access.
- Ample seating inside and out provides greater personal space and comfort.
- Flexible cash, pass and Presto fare machines.

artwork 35 x 24 in.
environment and green, open spaces are priorities

- Our project plans ensure no negative impacts to environment and explore opportunities to increase green, open spaces and access to Tom Taylor Trail
- Key project legacy: up to 30% more trees to be planted along Davis Drive
Every effort will be made to minimize the impacts of construction and ensure that traffic keeps moving as smoothly as possible. However, progress is dependent on a number of factors, including weather and scheduling; these factors may affect timing.
how construction will continue to unfold in 2011

- Early works construction including soil testing, some utility relocations, and building removals along with recycling of materials, got underway in 2010
- Utility relocations will continue in 2011, along with retaining wall work and reconstruction of the Keith Bridge
- Main road construction of the rapidways – from Yonge Street to Roxborough Road – is scheduled to begin in fall 2011, and be completed in 2014

<table>
<thead>
<tr>
<th>2010</th>
<th>2011</th>
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<tr>
<td>OCT</td>
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**Phase 1: Early works construction**
- soil testing and clean up
- utility relocation
- Keith Bridge footings, substructure and deck (south side)

**Phase 2: Main construction**
- utility relocation
- Keith Bridge work (north side)
- road widening
- construction of six retaining walls
- grading and paving parking lots

*Completion 2014. Work schedule subject to change.*
bridging newmarket’s past and future

> Worked closely with Heritage Committee to ensure the reconstructed Keith Bridge reflects community’s rich architectural heritage while making way for the new rapidways along Davis Drive

> Bridge will be widened and aesthetics beautifully enhanced with railings, light fixtures and stonework that complement historic downtown buildings

> Reconstruction of the Keith Bridge is part of early works construction and, like the main road construction, is being completed in two stages to minimize disruption

> Work now underway on the south side will be completed in fall 2011

> Work on the north side will follow, with all bridge work expected to be completed by 2014

> Throughout work, all existing number of traffic lanes on bridge will remain open, although some temporary lane closures may be required

> A localized detour is currently in effect along Tom Taylor Trail at the point where it normally passes under the Keith Bridge
> As part of early works construction, six retaining walls will be built along Davis Drive where the adjacent grade slopes up or down from the roadway.

> Most walls will be built from “Siena stone” precast blocks for an attractive and consistent urban look.

> Walls measuring two feet or more in height will be topped with attractive, custom-designed hand railings.

> Access to all properties will be maintained, any required pedestrian/traffic detours will be clearly signed, and traffic lanes will remain open although some temporary lane closures may be required.

> Directly affected locations will receive advance notification prior to work start.

### Schedule for Retaining Wall Work

<table>
<thead>
<tr>
<th>Location</th>
<th>Approximate Timing</th>
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<tbody>
<tr>
<td>350 Davis Drive</td>
<td>March – May</td>
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<tr>
<td>54 Davis Drive</td>
<td>March – June</td>
</tr>
<tr>
<td>130 Davis Drive</td>
<td>April – September</td>
</tr>
<tr>
<td>200 Davis Drive</td>
<td>April – September</td>
</tr>
<tr>
<td>270/280 Davis Drive</td>
<td>June – November</td>
</tr>
<tr>
<td>26 Lorne Avenue</td>
<td>June – November</td>
</tr>
<tr>
<td>16–18 Main Street</td>
<td>August – November</td>
</tr>
</tbody>
</table>

*Subject to change*

![Siena Stone samples]
Early works construction is an important part of the process that prepares the work site for main road construction.

- Soil identified as contaminated during soil testing (i.e. around former gas stations) is removed and the area cleaned up.
- Utility lines located in the construction zone (i.e. phone, hydro, gas, cable) are relocated.
- Properties acquired for road widening are cleared and buildings demolished, where necessary, with 85% of materials salvaged and recycled through Habitat for Humanity York Region.
Main road construction to be staged to minimize disruption

- Main road construction will be staged, meaning that all work will be completed on one side of the road before beginning on the other side.
- Minimizes disruption to local community, transit users and drivers.
- Allows same number of existing traffic lanes to remain open during construction.
We are committed to minimizing construction impact on local businesses, by:

- Profiling local businesses on vivaNext website
- Ensuring customer access to businesses is maintained
- Providing open-for-business signage to encourage customer traffic
keeping you informed throughout construction

> Coping with construction is a lot easier when you know what to expect, where, and for how long
> It also helps to be reminded of all the great benefits you will enjoy at the end of it all

You can readily find answers to any questions you may have through:
> Regular project newsletters and bulletins
> Your Community Liaison, Andrea Witty
> The vivaNext Project Information Centre opening Spring 2011
> Email updates when you sign up at vivanext.com
> The vivaNext website
> Public open houses

something is happening across York Region! People are excited about the real progress being made on the vivaNext projects – from the construction of a six-lane bridge as part of the Spadina subway extension in Vaughan, to the early construction activities that are happening along Davis Drive in Newmarket.

We haven't lost any time since the funding schedule from Metrolinx was revised and confirmed earlier this summer. Whether it's removing buildings, testing soil conditions, or installing our new glass canopy over the first vivaNext rapidway station at Enterprise Drive, construction is well underway – with lots more to come!

With funding committed to build the entire vivaNext network over the next 10 years, there is a lot more work to be done. The budget and schedule are firm: $790 million for rapidway projects to be constructed over the next five years and $965 million for the other rapidway projects to be constructed between 2016 and 2020.

When it's all built, the finished network will make getting around by rapid transit faster, more convenient and fun for everyone who lives, works, shops or plays in York Region. See inside for a detailed map of our planned network and for more information on the work you can expect to see this fall on vivaNext segments around the Region.

Explore vivanext.com for the latest developments, maps, videos and illustrations. You can also sign up for convenient, customized e-updates to receive the information that matters to you, including construction bulletins and alerts, directly to your inbox.

Archaeological Assessment About To Begin
Starting the week of May 17th, archaeologists will be working along Davis Drive to carry out some archaeological assessments.

Why Are We Doing This?
We will be doing this work to meet the requirements of the 2007 North Yonge Street Corridor Public Transit Improvements Environmental Assessment, which identified 32 areas of potential archaeological interest along Davis Drive. This work is being done to ensure that any important historical artifacts are identified before the roadway is widened for the rapidway.

What Will This Involve?
The assessments are very simple, the holes are dug by hand and soil sifted for artifacts. A one foot by one foot hole, approximately one to two feet deep, will be dug approximately every 18 feet along the properties. The holes are then filled in before moving to the next location.

We will not be assessing entire properties. Work will only be done along the existing roadway on the land acquired by the Region for the road widening.

Archaeologists will do their best to ensure any inconvenience to you is minimized. Most properties will only require a day to assess, although some may take longer depending on how wide the property is.

Work will begin on May 17, and will take about 4 weeks to complete.

What Do We Expect to Find?
Although Davis Drive was an historic 19th century roadway, repeated development along the roadway suggests that it is unlikely that there will be any significant new findings. Findings would possibly include pottery, nails, utensils or other simple artifacts.

For more information about the vivaNext plan and to receive project updates, please visit vivanext.com, or contact Andrea Witty.

Andrea Witty
Community Liaison Specialist
Telephone: 905.886.6767 Ext. 1022
Cell: 416.554.1890
Email: andrea.witty@york.ca