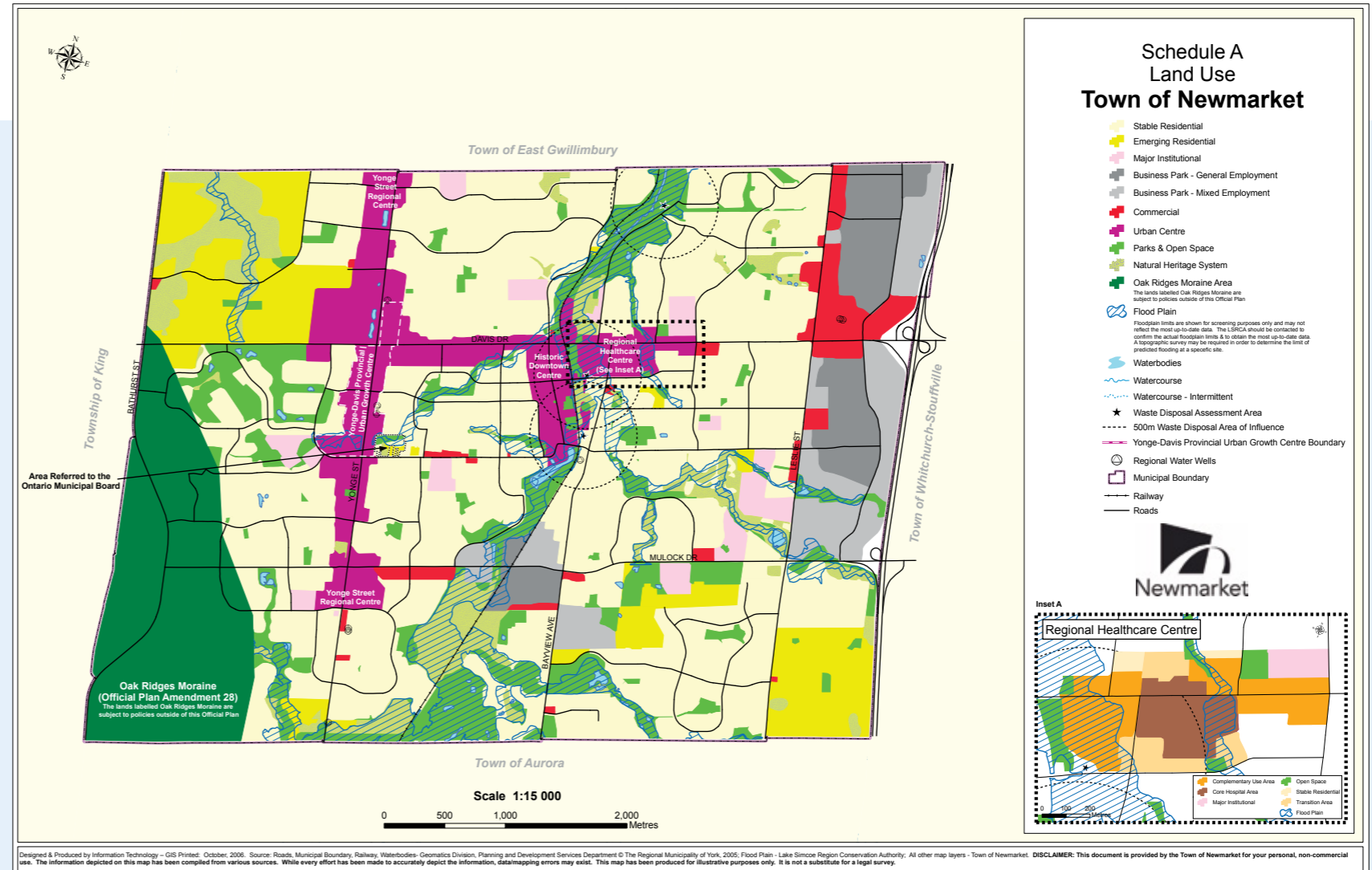


# getting from newmarketNow to newmarketNext

- > 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



# part of a seamless region-wide transit network

- > 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



**VIVA**  
Viva Rapid Transit

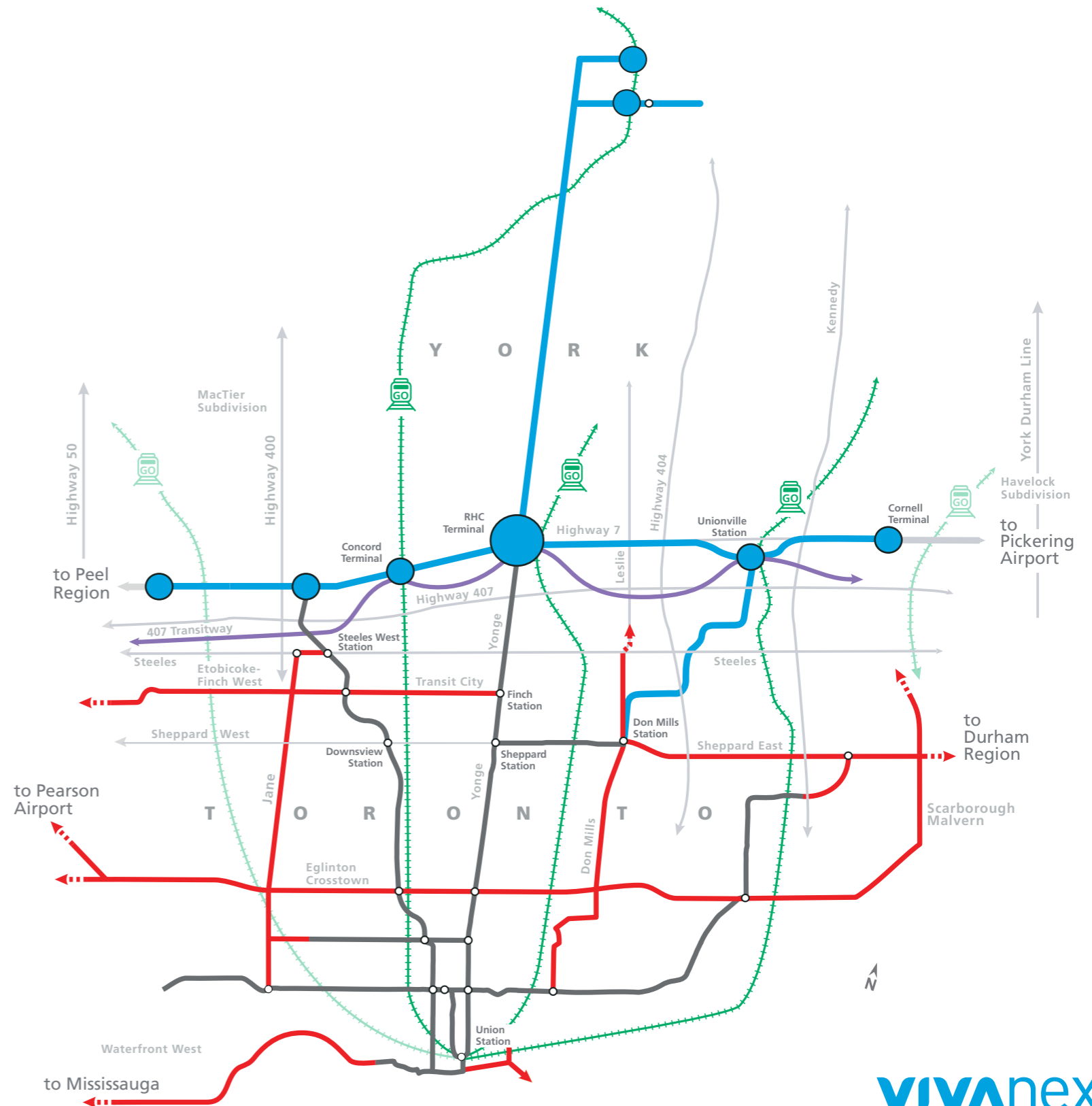
**TORONTO**  
Toronto Transit City  
Light Rail Plan

**GO**  
GO Transit

**Brampton Transit**

**YORK REGION**  
TRANSIT

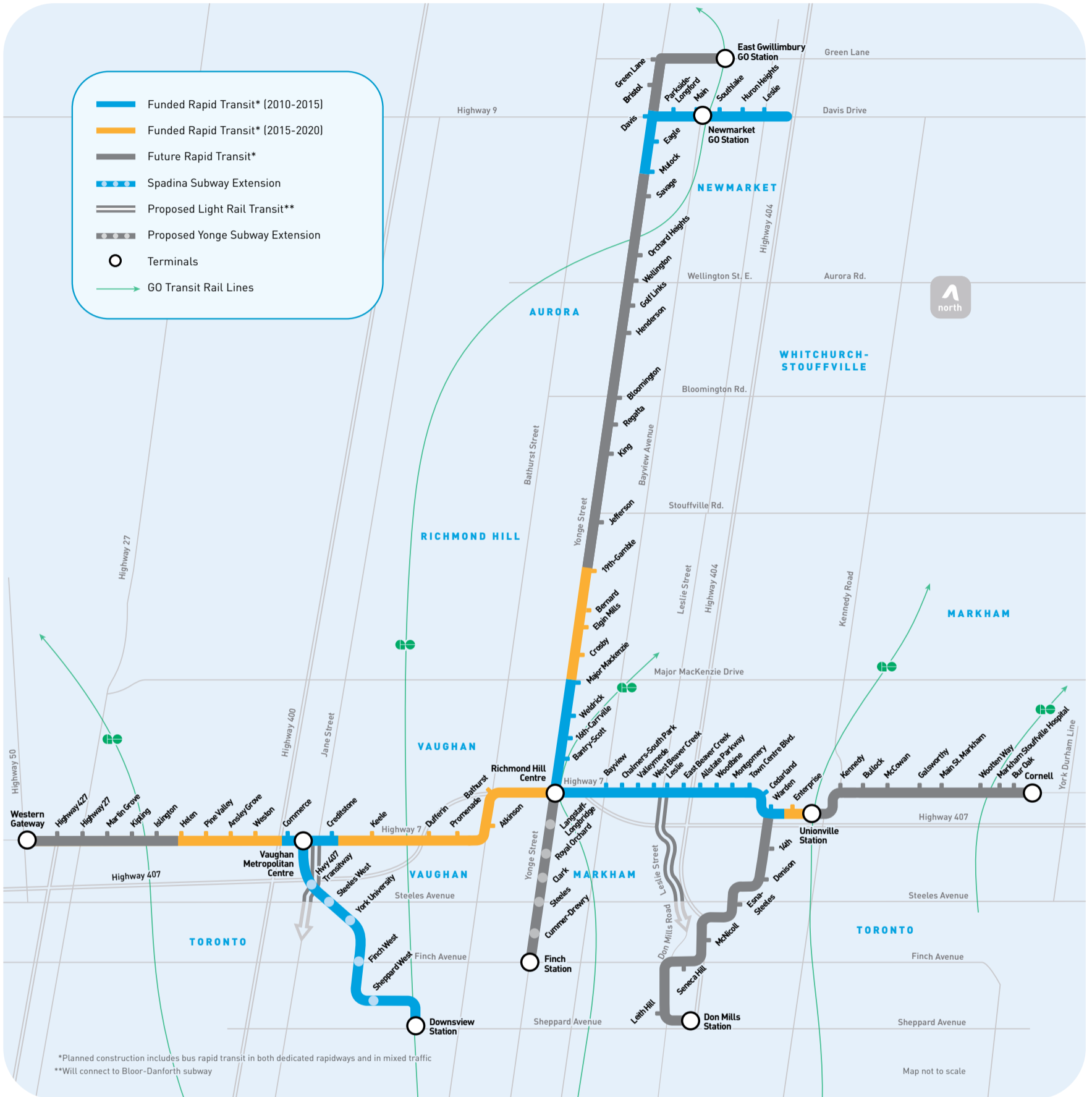
**Durham Region**  
Transit



**viva**next



# vivaNext route map





# relieving traffic congestion on davis drive





# shaping development on davis drive

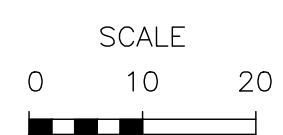
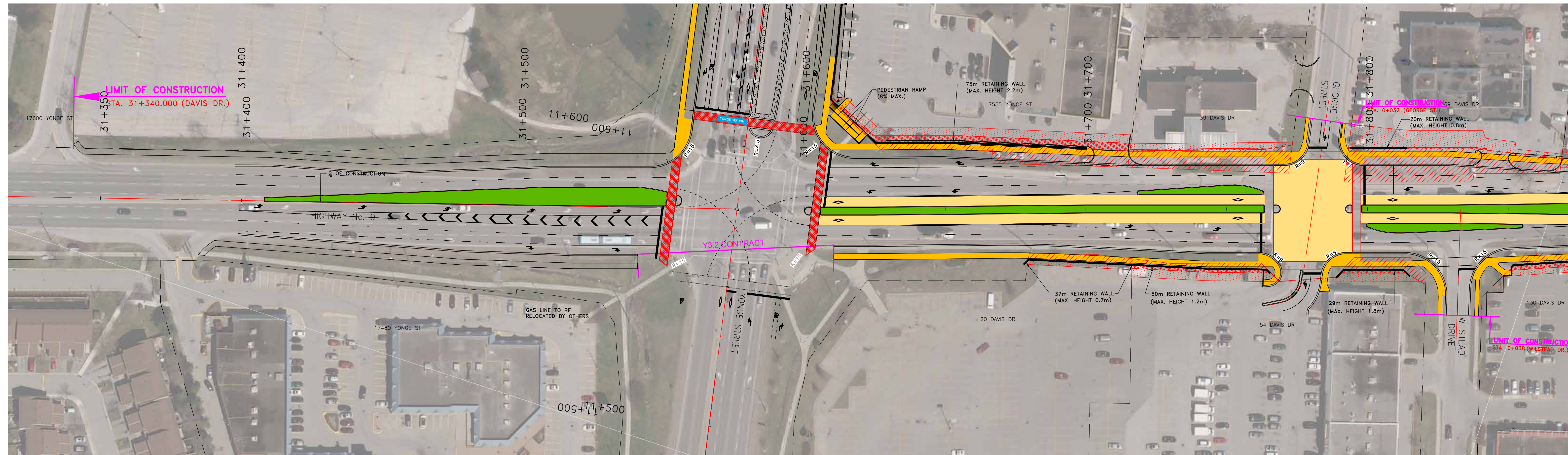
- > Improved transit access
  - Helps shape successful urban renewal along the route
  - Encourages building of attractive, pedestrian-friendly places for people to live, work, shop and play





# davis drive rapidways

## 1 yonge street to wilstead drive



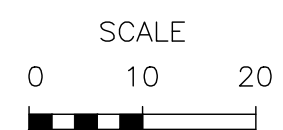
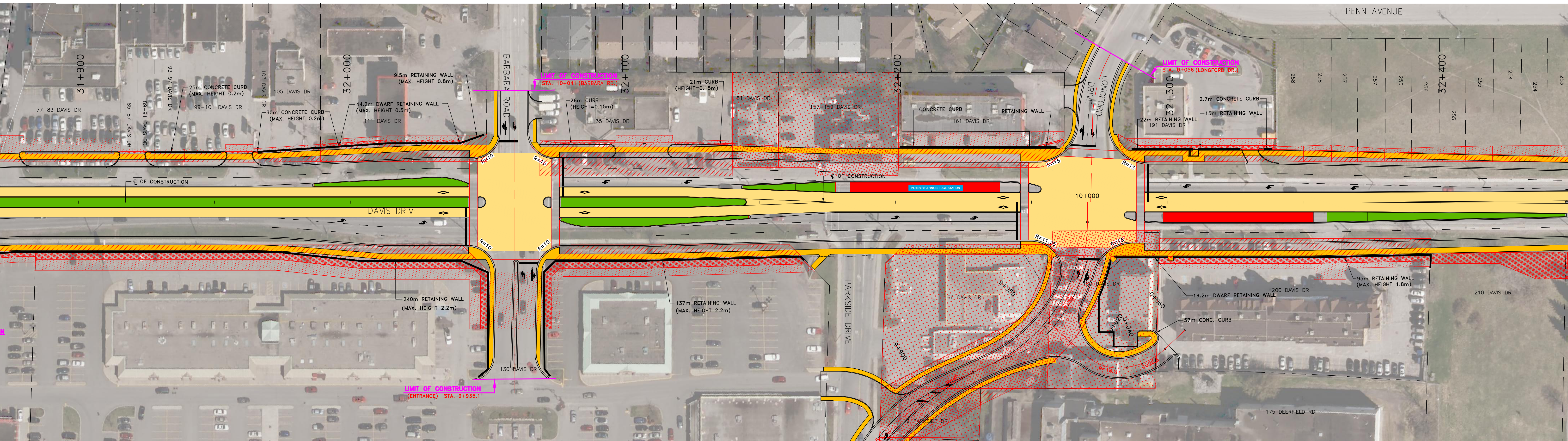
### LEGEND

- |                      |                        |                              |                              |
|----------------------|------------------------|------------------------------|------------------------------|
| Proposed Sidewalk    | Proposed Platform      | Property Purchase/Dedication | Acquired Future Right of Way |
| Proposed Rapid way   | Existing Property Line | Permanent Easement           | Acquired by York Region      |
| Proposed Landscaping | Proposed Property Line | Temporary Easement           |                              |



# davis drive rapidways

## 2 wilstead drive to longford drive



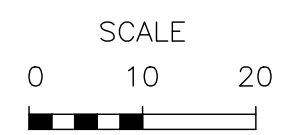
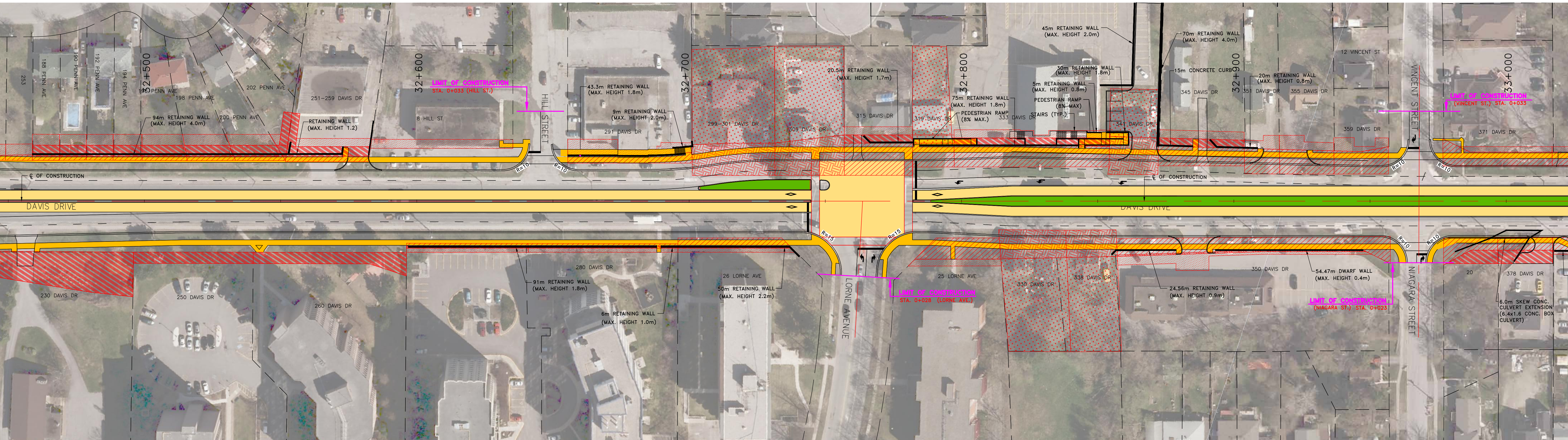
### LEGEND

- Proposed Sidewalk
- Proposed Platform
- Existing Property Line
- Proposed Property Line
- Property Purchase/Dedication
- Permanent Easement
- Temporary Easement
- Acquired Future Right of Way
- Acquired by York Region
- Proposed Landscaping



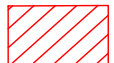








# davis drive rapidways

## 3 longford drive to vincent street



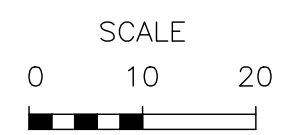
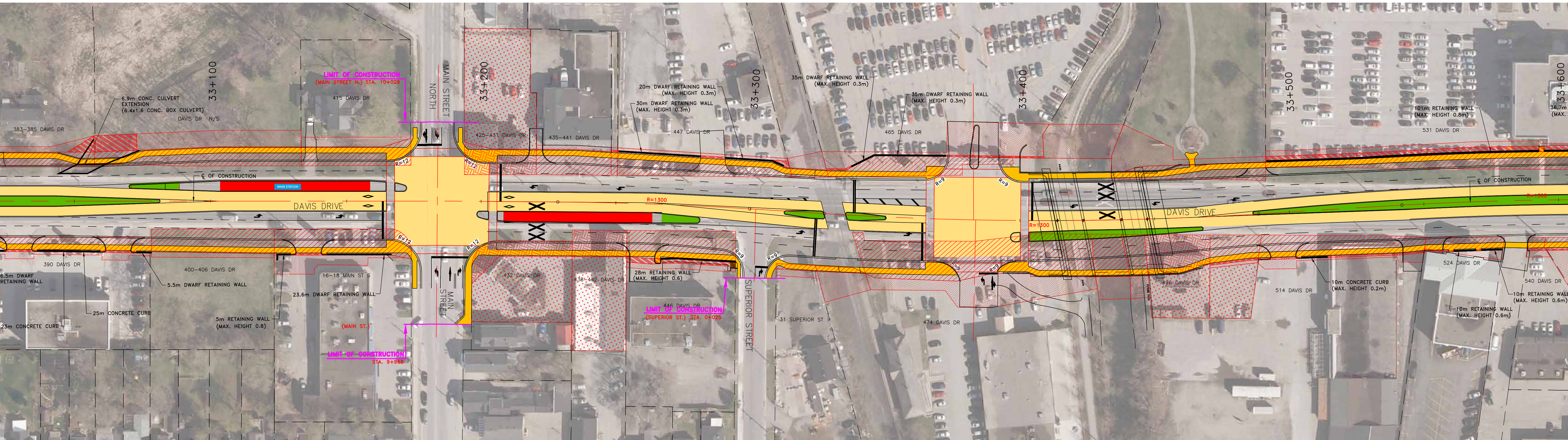
### LEGEND

- |  |  |   |  |
|--|--|---|--|
|  Proposed Sidewalk    |  Proposed Platform      |  Property Purchase/Dedication |  Acquired Future Right of Way |
|  Proposed Rapid way   |  Existing Property Line |  Permanent Easement           |  Acquired by York Region      |
|  Proposed Landscaping |  Proposed Property Line |  Temporary Easement           |  |



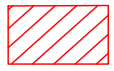



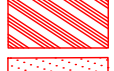



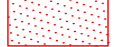


# davis drive rapidways

## 4 vincent street to seniors' meeting place



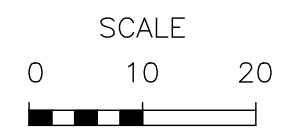
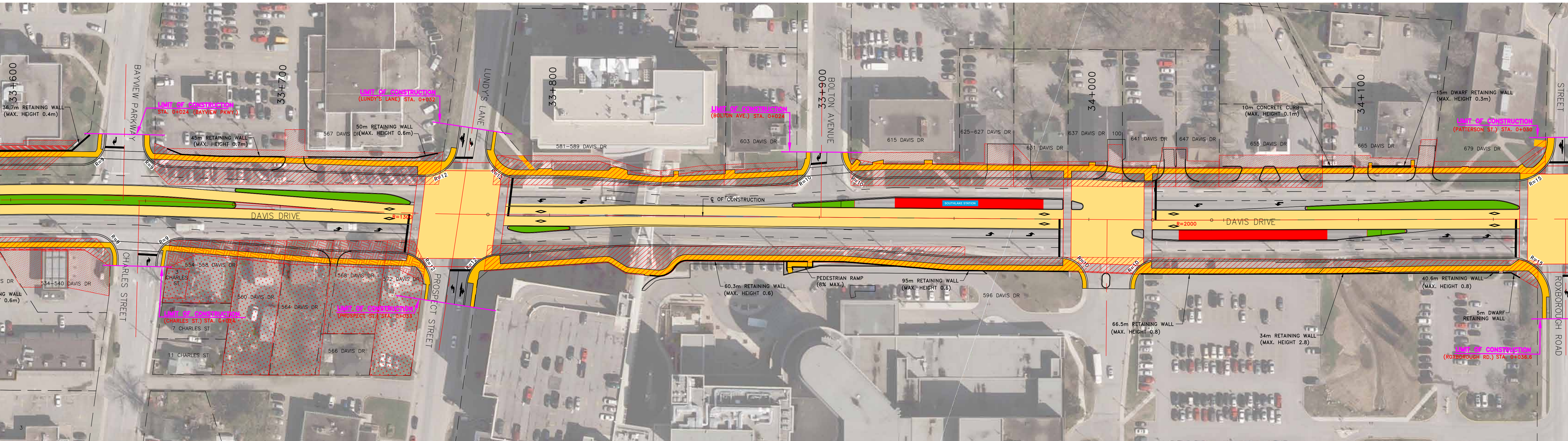
### LEGEND

- |  |  |   |  |
|--|--|---|--|
|  Proposed Sidewalk    |  Proposed Platform      |  Property Purchase/Dedication |  Acquired Future Right of Way |
|  Proposed Rapid way   |  Existing Property Line |  Permanent Easement           |  Acquired by York Region      |
|  Proposed Landscaping |  Proposed Property Line |  Temporary Easement           |  |



# davis drive rapidways

## 5 seniors' meeting place to roxborough road



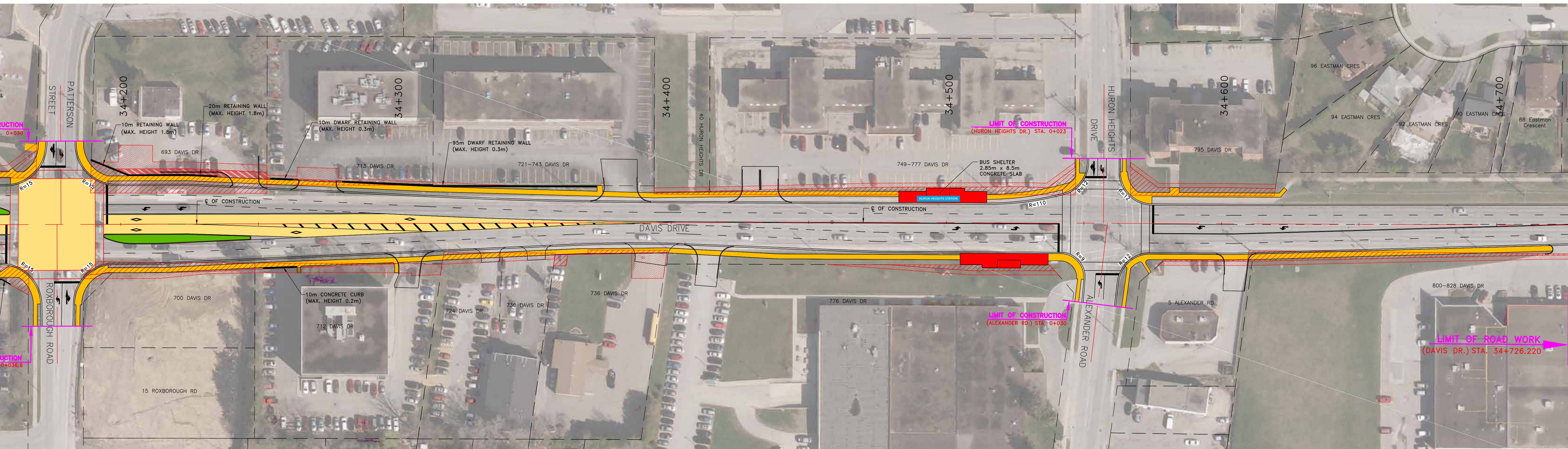
### LEGEND

- Proposed Sidewalk
- Proposed Rapid way
- Proposed Landscaping
- Proposed Platform
- Existing Property Line
- Proposed Property Line
- Property Purchase/Dedication
- Permanent Easement
- Temporary Easement
- Acquired Future Right of Way
- Acquired by York Region



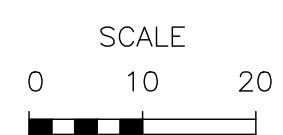
# davis drive rapidways

## 6 roxborough road to huron heights drive



### LEGEND

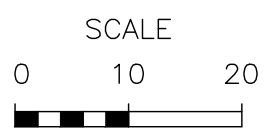
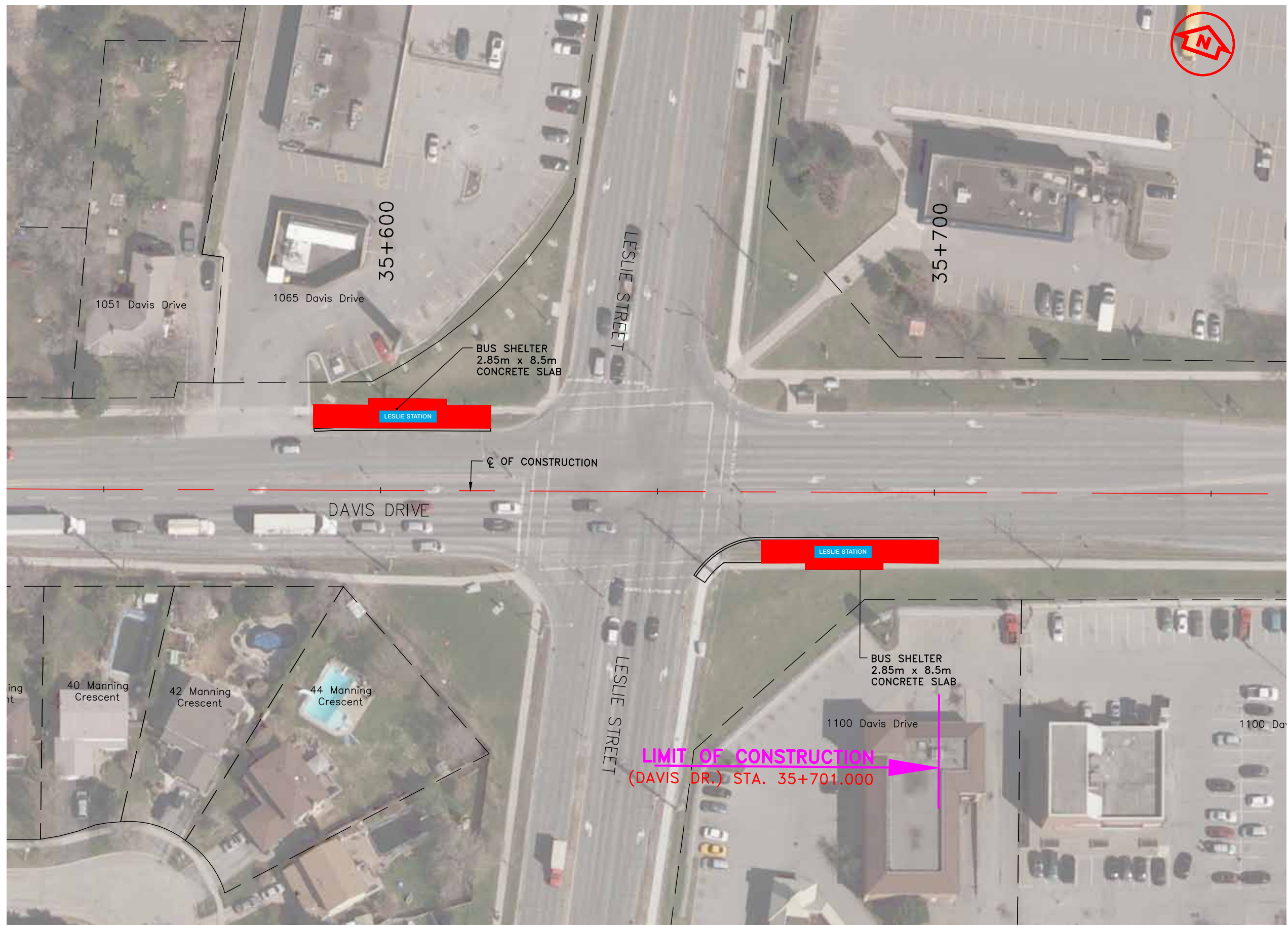
- Proposed Sidewalk
- Proposed Platform
- Existing Property Line
- Proposed Property Line
- Property Purchase/Dedication
- Permanent Easement
- Temporary Easement
- Acquired Future Right of Way
- Acquired by York Region
- Proposed Rapid way
- Proposed Landscaping





# davis drive rapidways

## 7 leslie station



### LEGEND

- Proposed Rapid way
- Proposed Landscaping

- Proposed Sidewalk
- Proposed Platform
- Existing Property Line
- Proposed Property Line

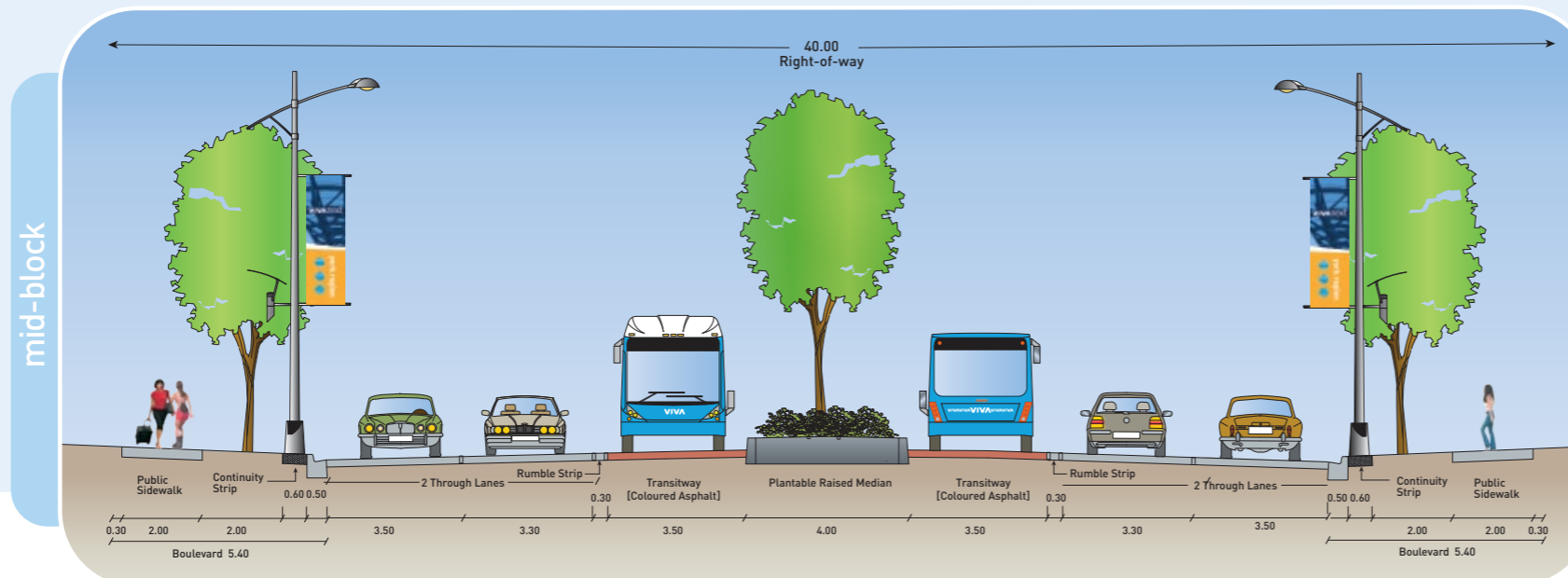
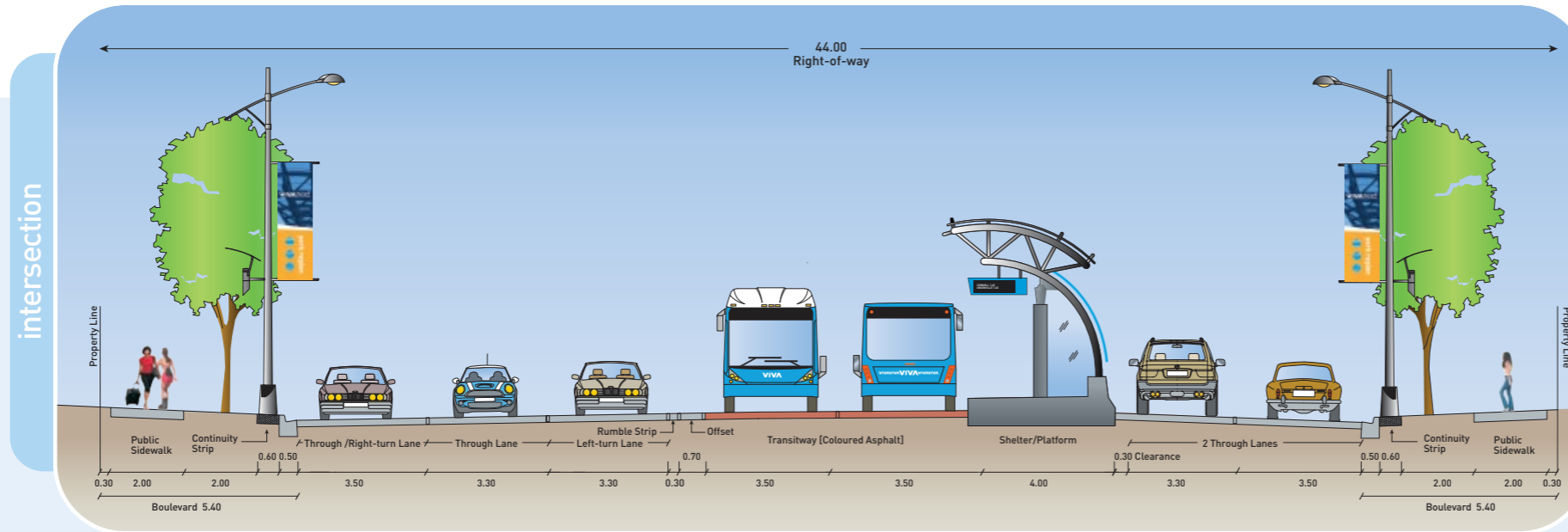
- Property Purchase/Dedication
- Permanent Easement
- Temporary Easement

- Acquired Future Right of Way
- Acquired by York Region



# 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

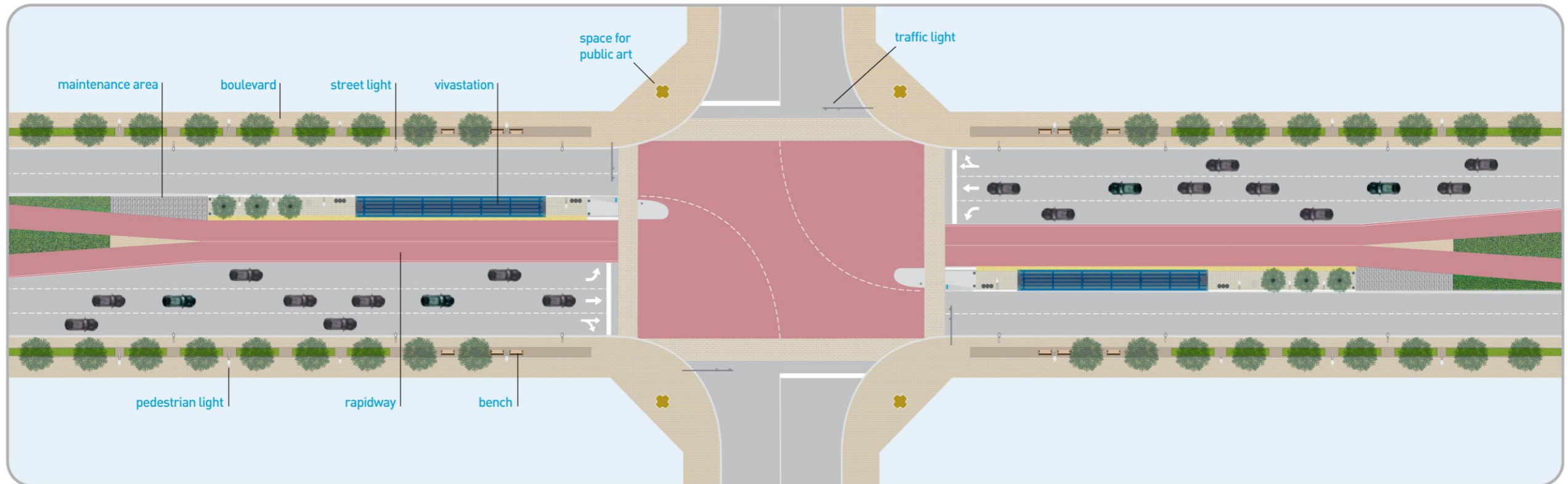




# pedestrian-friendly intersections along davis drive

> 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

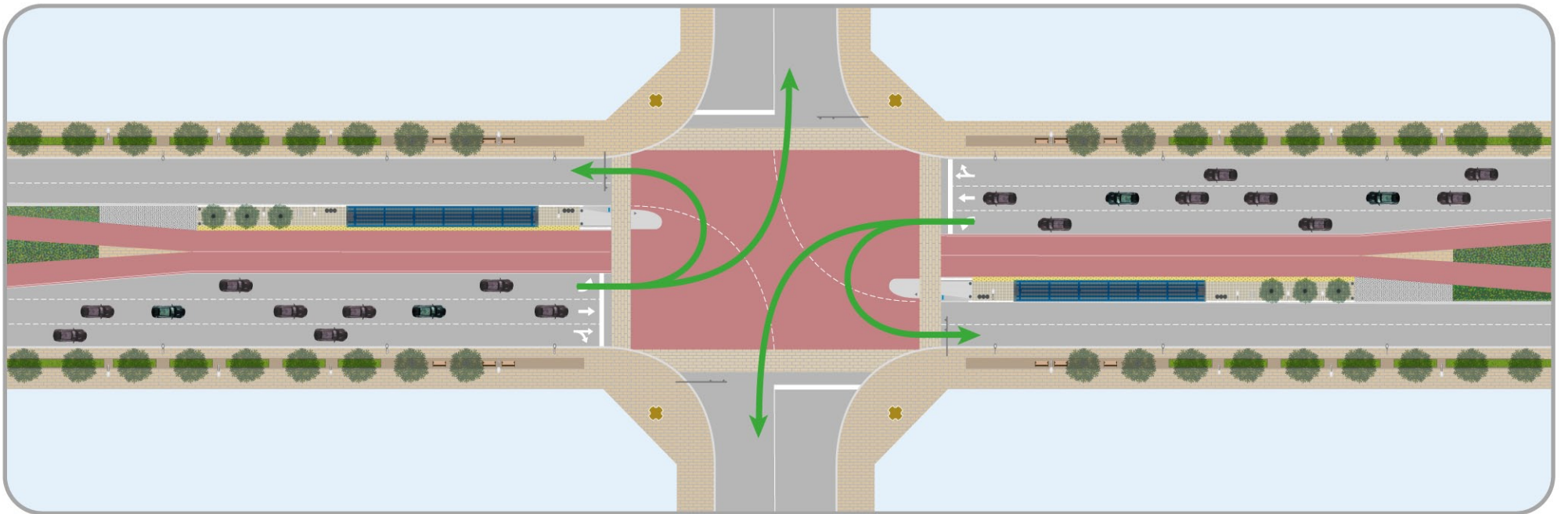




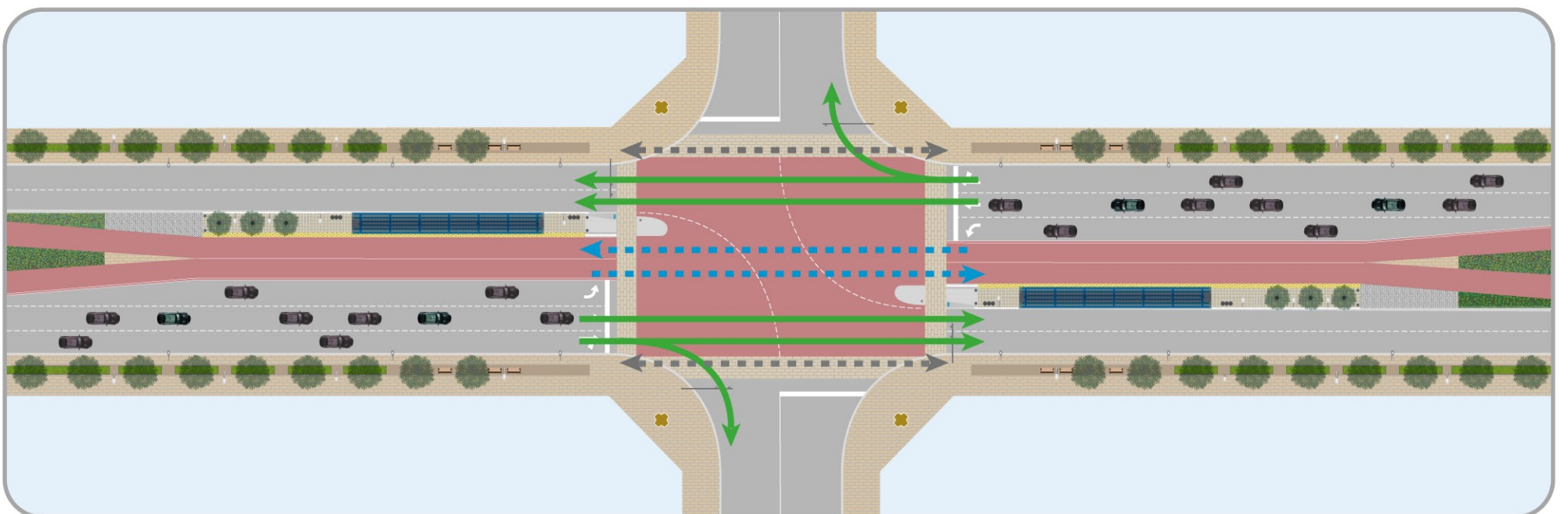
# how traffic flow will operate at 4-way intersections

## Legend

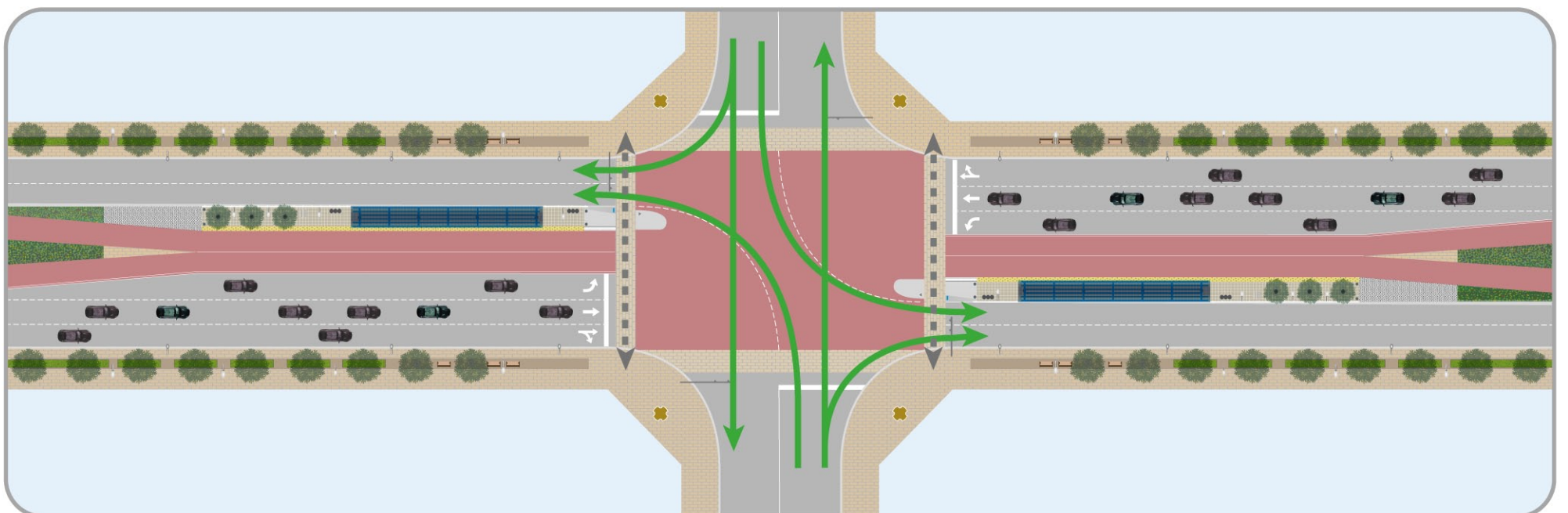
- regular traffic 
- viva 
- pedestrians 



first signal phase : left and u-turns



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



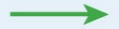

third signal phase : cross street general traffic and pedestrians

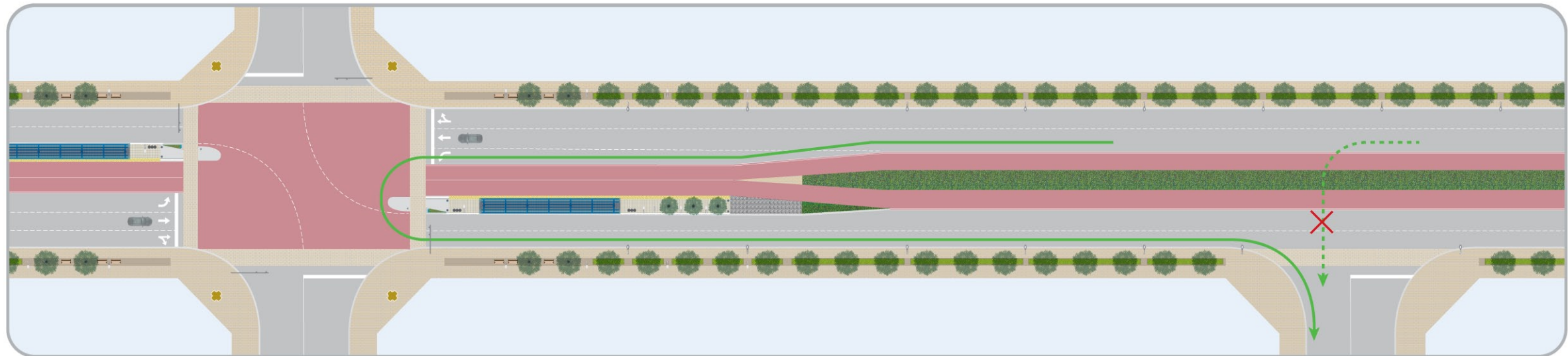


# safer, more convenient left turns across davis drive

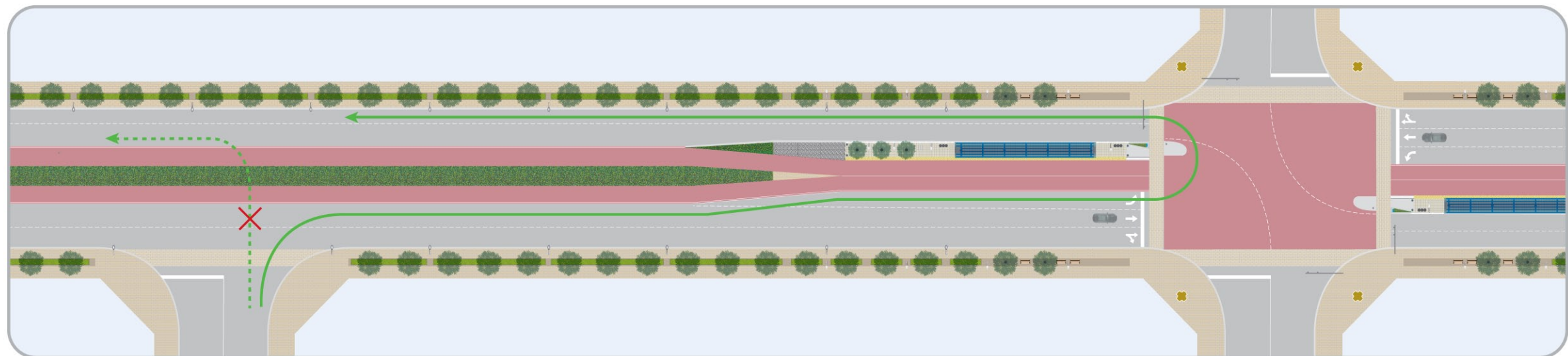
- > No more waiting for oncoming traffic to clear before making left turns mid-block across Davis Drive
- > Drivers will proceed to nearest signalized intersection and follow dedicated u-turn lights to safely and conveniently complete turns

## Legend

- permitted turn 
- prohibited turn 



access to side streets



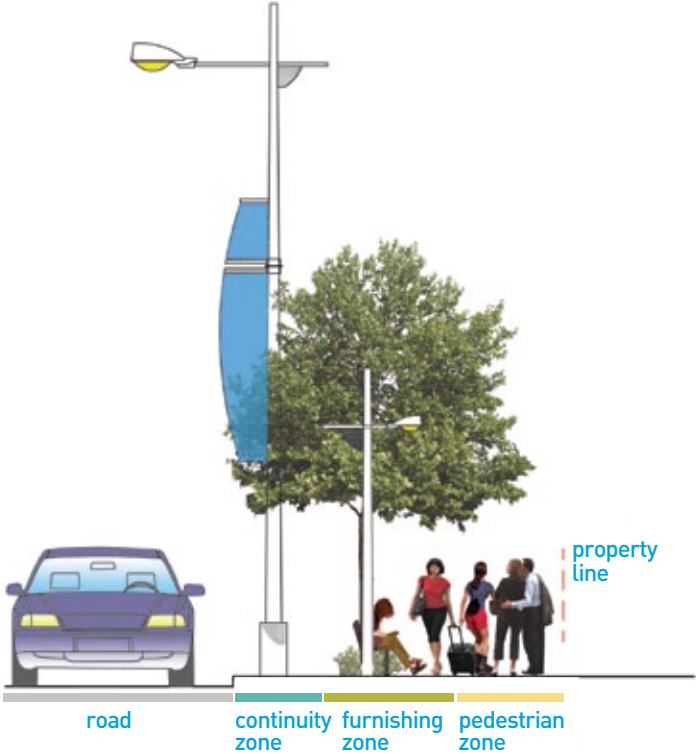
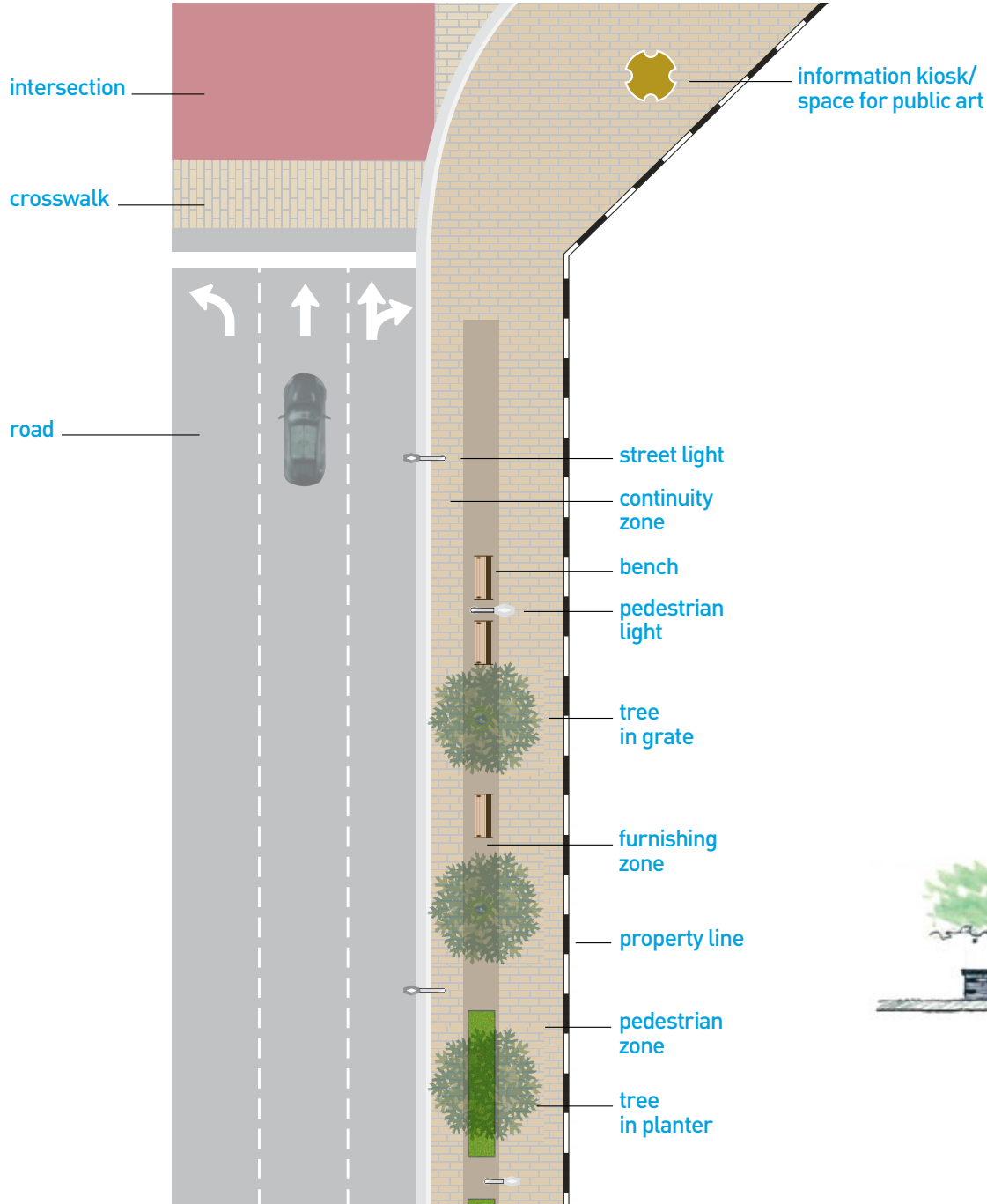
access from side streets



# attractive, welcoming streetscapes

> 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

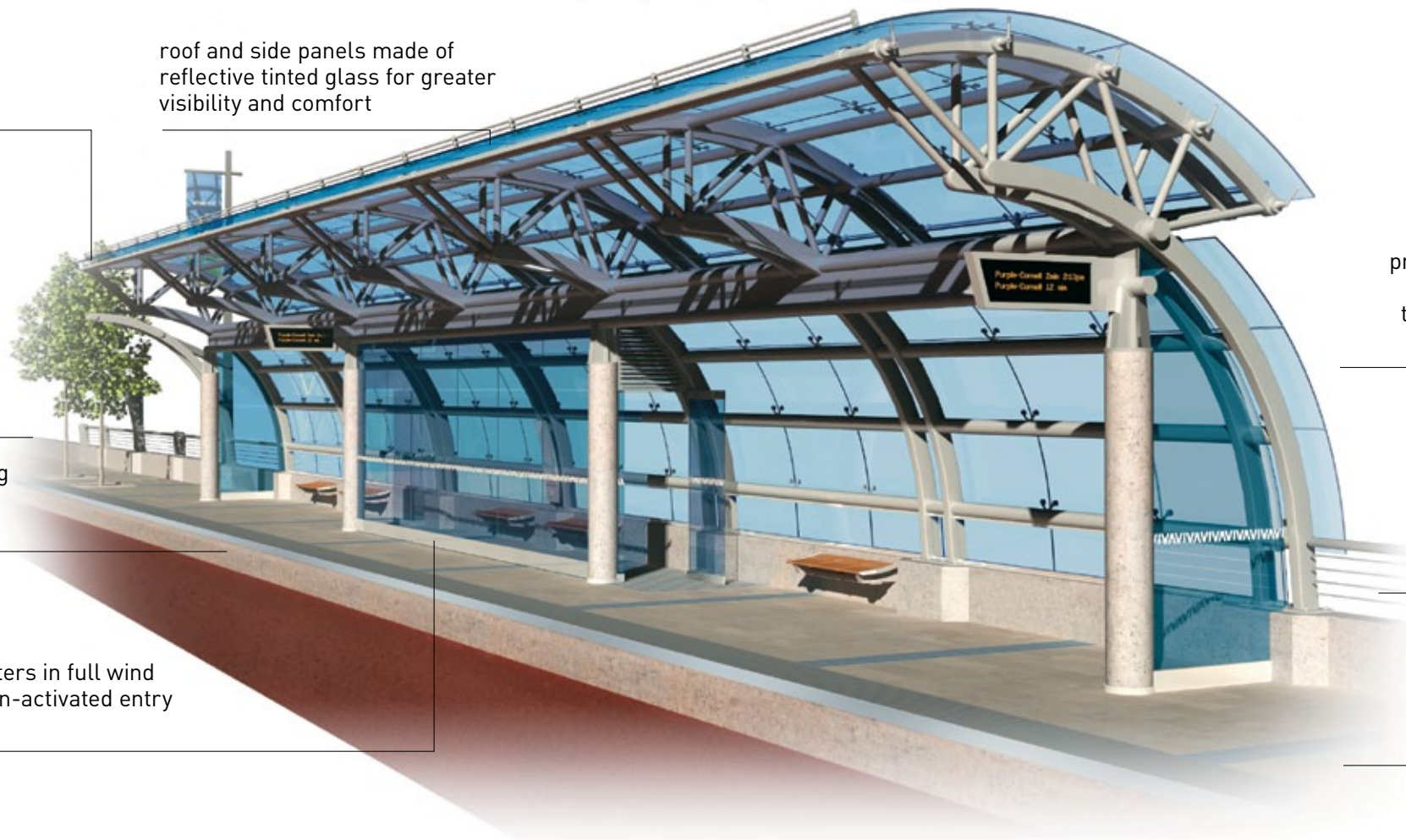
raised platform provides level boarding of Viva vehicles, eliminating the need to climb steps or lift objects

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

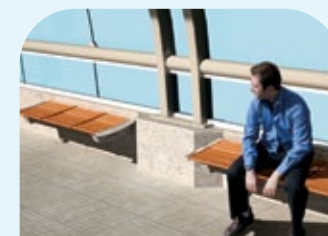
tactile pavers along rapidway edge provide greater safety



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



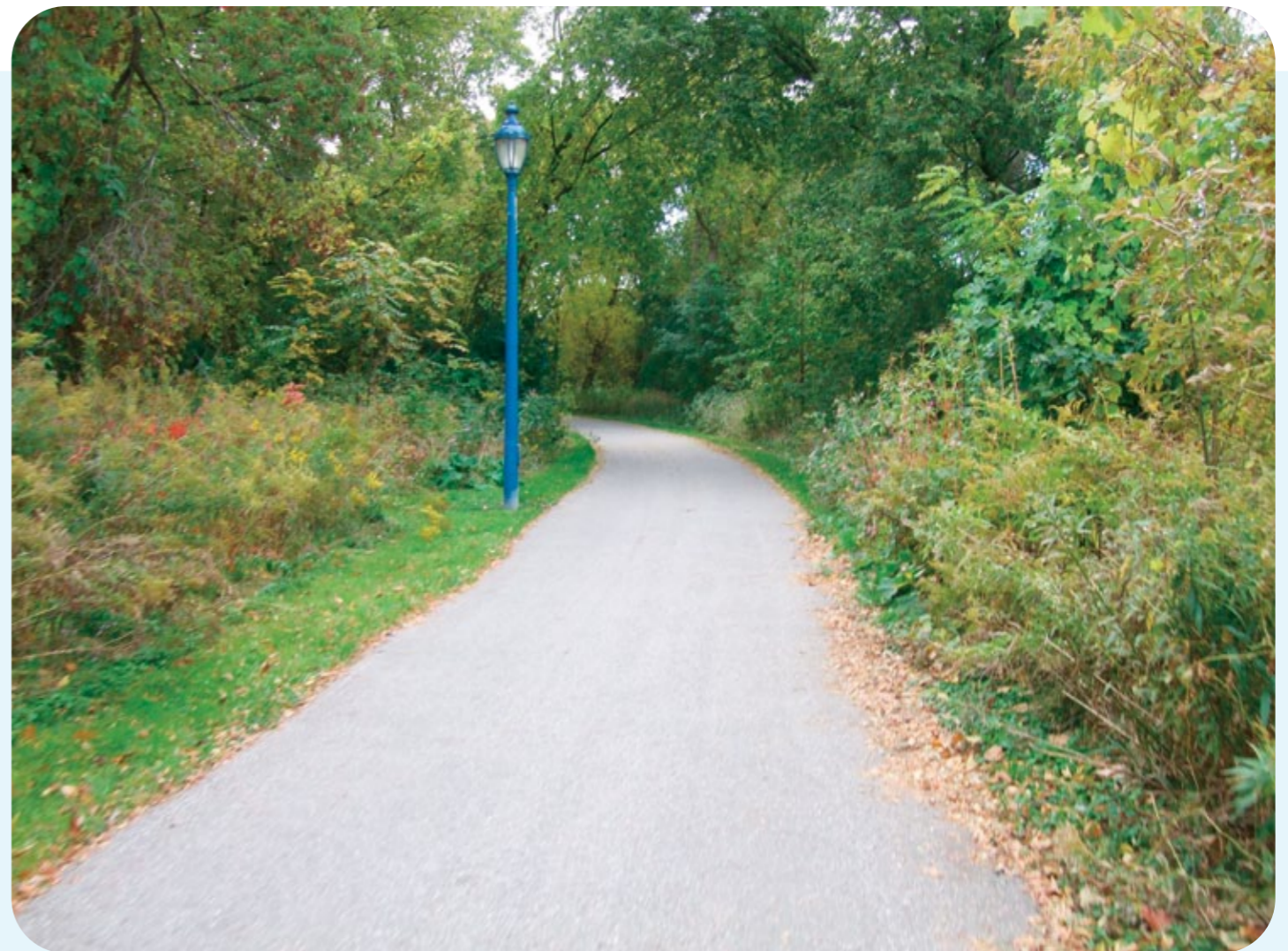
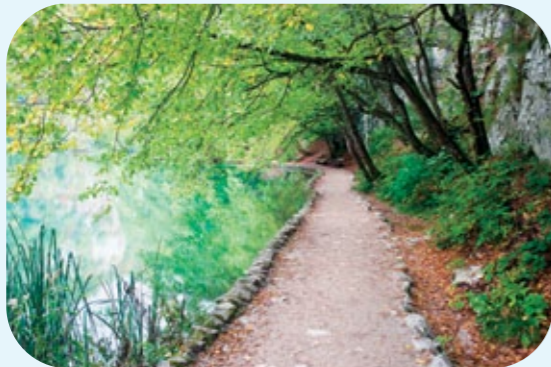
flexible cash, pass and Presto fare machines



# 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





# building a rapidway step-by-step

- > 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.



10. Pave rapidways and intersections

9. Build vivastations and landscape boulevard and median along rapidways

8. Build rapidways down centre of roadway

7. Shift traffic to new lanes and repeat steps 1 to 6 on other side

6. Install permanent traffic signals and pave/paint new traffic lanes

5. Put in new curbs, drains, sidewalks, etc.

4. Install new streetlights

3. Remove old curbs and drains

2. Shift all lanes over to one side of roadway

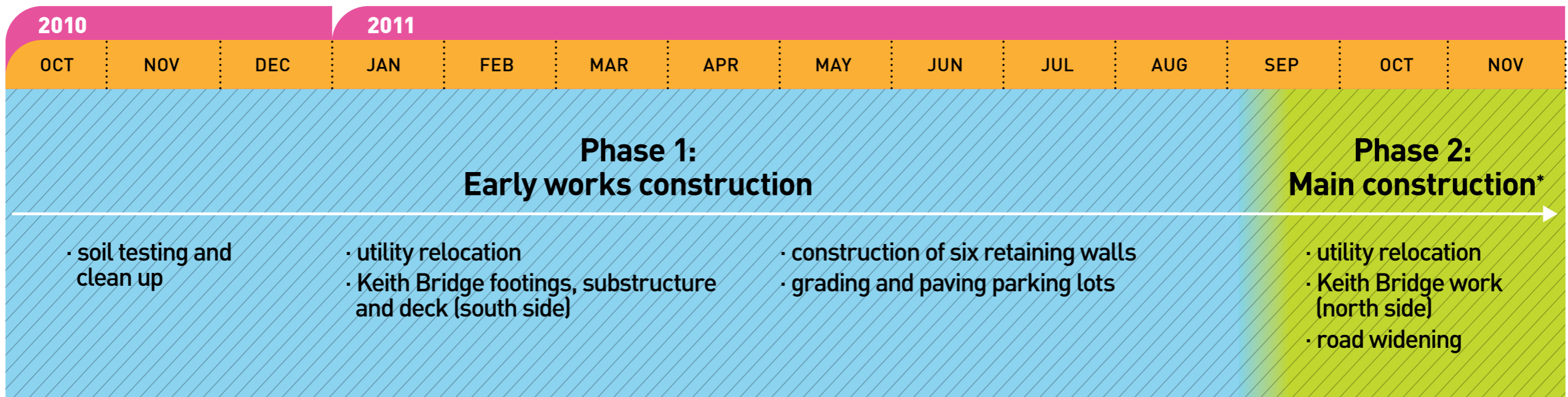
1. Move utilities and set up temporary traffic signals



# 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



\*Completion 2014. Work schedule subject to change.



# bridging newmarket's past and future

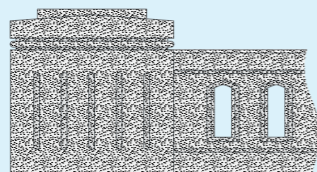
- > Worked closely with Heritage Committee to ensure the reconstructed Keith Bridge reflects community's rich architectural heritage while making way for the new rapidways along Davis Drive
- > Bridge will be widened and aesthetics beautifully enhanced with railings, light fixtures and stonework that 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



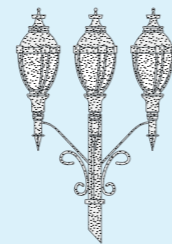
Radial streetcar on Main Street 1906



The original Tannery 1915



Architectural detailing will retain historical flavour



Heritage lighting will accent the bridge

- > 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



# retaining wall work

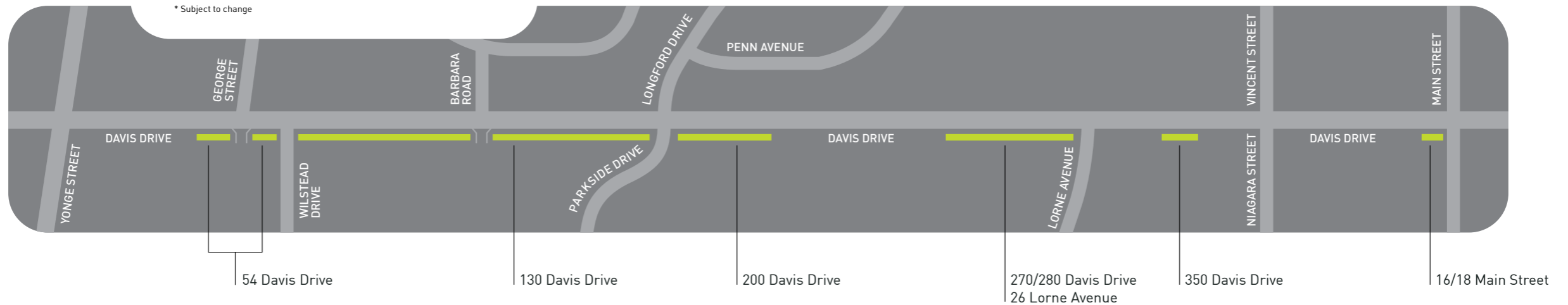
- > As part of early works construction, six retaining walls will be built along Davis Drive where the adjacent grade slopes up or down from the roadway

## schedule for retaining wall work

Location	Approximate Timing*
350 Davis Drive	March – May
54 Davis Drive	March – June
130 Davis Drive	April – September
200 Davis Drive	April – September
270/280 Davis Drive 26 Lorne Avenue	June – November
16–18 Main Street	August – November

\* Subject to change

- > 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

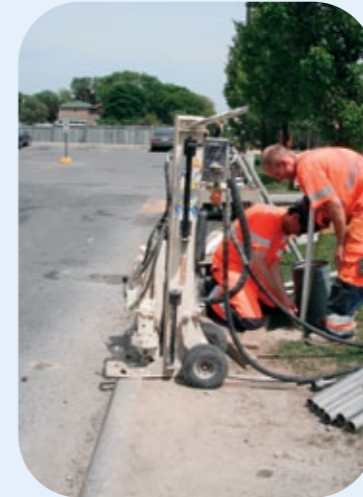


Siena Stone samples



# preparing site for main road construction

- > 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





# supporting local businesses throughout 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 Witt
  - The vivaNext Project Information Centre opening Spring 2011
  - Email updates when you sign up at [vivanext.com](http://vivanext.com)
  - The vivaNext website
  - Public open houses

