

Doane Road Environmental Assessment Study Update

Presentation to
Transportation Services Committee
(Agenda Item D1)

Mark Nykoluk
February 1, 2012

Presentation Overview

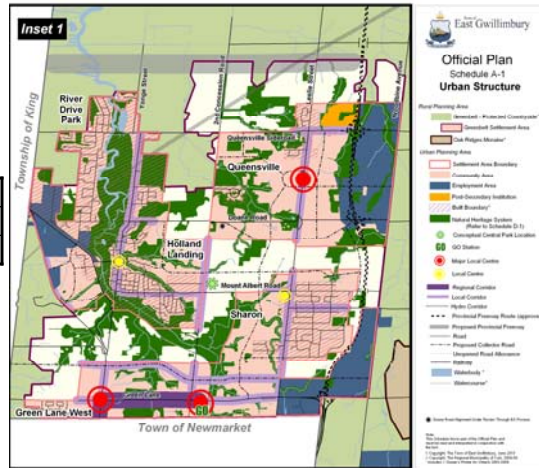
- ❑ Background
- ❑ Status of the Environmental Assessment
- ❑ Alternatives Considered
- ❑ Response to Concerns Raised During the Environmental Assessment
- ❑ Next Steps

The Queensville, Holland Landing and Sharon Communities are Planned to Grow

- East Gwillimbury anticipates significant growth in the Queensville, Holland Landing and Sharon Communities

	2011	2021	2031
Population	26,300	48,100	86,500
Employment	7,100	18,700	34,400

- East Gwillimbury Official Plan Amendment 89/115 identified Doane Road as key transportation corridor

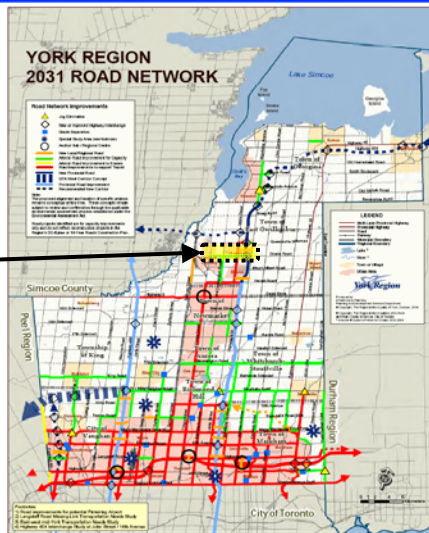


York Region Transportation Master Plan Recommends Improvements to Doane Road

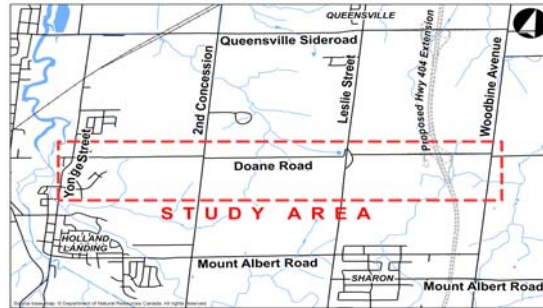
TRANSPORTATION MASTER PLAN UPDATE

Doane Road between Yonge Street and Woodbine Avenue was identified for improvements by 2021

Doane Road at Highway 404 Interchange to be completed by 2021



York Region Initiated an Environmental Assessment for Doane Road in 2009



PHASE 1
Problem / Opportunity
Needs & Justification

Notice of Study Commencement – March 2009

PHASE 2
Alternative Solutions

Public Consultation Centre #1 – June 23, 2009

PHASE 3
Generate and Assess
Alternative Designs

Public Consultation Centre #2 – April 14, 2010
Public Consultation Centre #3 – April 5, 2011
Presentations to East Gwillimbury Apr 2010, June and Aug 2011

PHASE 4
Environmental Study
Report

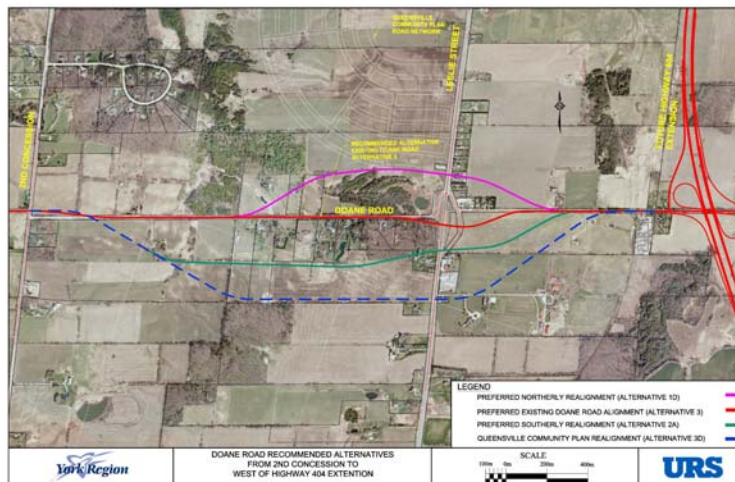
WE ARE HERE



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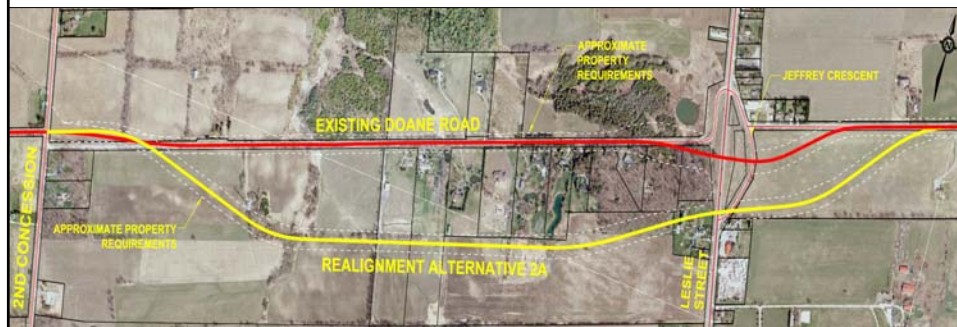
A Detailed Evaluation of Four Alternatives was Completed



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The Two Highest Rated Alternatives were Carried Forward for Further Analysis



Evaluation Results Based on the Additional Analyses

Criteria	Existing	Alternative 2A	Comments
Natural	✓		- Lower impacts to aquatic and terrestrial habitats - Supported by LSRCA
Social		✓	- Lower residential property disruption - Alt 2A has greater impacts to New Leaf Living and Learning
Economic	✓		Promotes a more efficient neighbourhood plan within the current planning horizon
Cultural	✓	✓	Both alternatives are similar
Transportation & Cost	✓		- Total anticipated costs approximately \$2 Million less - More efficient transportation network
Property Displacement	✓	✓	Each alternative results in one residential displacement
Property Disruption		✓	Improvements to existing Doane Road results in 3 acres of residential property disruption
Noise	✓	✓	Existing - 2 residential properties exceed noise mitigation threshold Alt 2A - 3 residential properties exceed noise mitigation threshold

The Existing Alternative is Preferred because it has lower impacts to the natural environment, provides a more efficient transportation solution, allows for a better neighbourhood layout and is less costly than a southerly realignment

Summary of the Preferred Alternative

- ❑ The preferred alternative between Yonge Street and 2nd Concession Road includes:
 - ❑ Maintaining 2 lanes along the existing alignment.
 - ❑ Profile adjustments
 - ❑ Rural cross-section (ditches)
 - ❑ Paved shoulders will be provided to support the cycling network
 - ❑ Realignment of the jog intersection at Doane Road and 2nd Concession
- ❑ The preferred alternative east of 2nd Concession Road includes:
 - ❑ Maintain existing alignment and widening to 4 lanes
 - ❑ Urban cross-section (curb and gutter)
 - ❑ Boulevards for future sidewalks and bike lanes
 - ❑ Realignment of the jog intersection at Doane Road and Woodbine Avenue



Residents' Comments on the Preferred Alternative

Concern: The preferred alternative is different from that shown in the East Gwillimbury Official Plan and Queensville Community Plan

Response:

- ❑ Official Plans do not bind the Class EA process
- ❑ Master Plan Phases 1 and 2 may be revisited when an individual project is undertaken
- ❑ Impacts to all aspects of the environment must be considered during an environmental assessment (natural, social, cultural and cost)
- ❑ The Doane Road Environmental Assessment has followed process and legislative requirements correctly

The Class Environmental Assessment informed by but not bound to Official Plans

Residents' Comments on the Preferred Alternative

Concern: The preferred alternative is not supported by the Town of East Gwillimbury

East Gwillimbury Council have resolved that:

- ☐ Improvements to Doane Road are required to support growth in travel demand
- ☐ They do not support widening Doane Road along the existing alignment between 2nd Concession and Leslie Street
- ☐ A southerly realignment of Doane Road is preferred

Town of East Gwillimbury Council prefer a southerly realignment of Doane Road



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Residents' Comments on the Preferred Alternative

Concern: The preferred alternative will result in greater social impacts

Response:

- ☐ The preferred alternative will have greater impacts to existing residents fronting on to Doane Road
- ☐ The Preferred alternative will not displace New Leaf Living and Learning
- ☐ The preferred alternative will allow for a more efficient neighbourhood layout and transportation system

Impacts to existing residents fronting on Doane Road are greater in the preferred alternative



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Residents' Comments on the Preferred Alternative

Concern: The preferred alternative will impact drinking water and septic systems

Response:

- ☐ Design refinements have resulted in all septic system impacts being avoided
- ☐ East Gwillimbury is planning future municipal services on Doane Road
- ☐ Detailed analysis has concluded the preferred alternative complies with source water protection requirements and will not impact York Region water supply well

Impacts to water supply and septic systems have been avoided or mitigated



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Residents' Comments on the Preferred Alternative

Concern: The preferred alternative will have greater impacts to the natural environment

Response:

- ☐ The preferred alternative is supported by Lake Simcoe and Region Conservation Authority
- ☐ Doane Road will function as both an urban arterial and collector road – thereby reducing the transportation infrastructure
- ☐ Existing environmental features are already disturbed

The preferred alternative is less impactful to the natural environment and is supported by Lake Simcoe Region Conservation Authority



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Several Options have been Considered for Proceeding with this Project

1. File the Environmental Study Report in February 2012 recommending the existing alignment as the preferred alternative
2. Undertake additional study and consultation
3. Adopt the “Do Nothing” alternative
4. Transfer ownership of Doane Road to the Town of East Gwillimbury

We plan to file the Environmental Study Report recommending the widening and reconstruction of Doane Road be done on the existing alignment



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Next Steps

- ❑ Prepare the Environmental Study Report and place on the public record in February 2012
- ❑ 45-day public review of ESR
- ❑ Following clearance of the Environmental Study Report review the project implementation as part of 2013 Roads Capital Budget

File the Environmental Study Report in February 2012 Recommending the Existing Alignment as the Preferred Alternative



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