

The Corporation of the Town of Ajax

COMMUNITY AFFAIRS AND PLANNING COMMITTEE



Tuesday, February 17, 2015 at 7:00 p.m.

Council Chambers, Town Hall

65 Harwood Avenue South

PRESENTATIONS

Alternative formats available upon request by contacting:

sarah.moore@ajax.ca or 905-619-2529 ext. 3347

Anything in **blue** denotes an attachment/link. By clicking the links on the agenda page, you can jump directly to that section of the agenda. To manoeuvre back to the agenda page use the **Ctrl + Home** keys simultaneously

4. Public Meeting

- 4.1 [Highway 401 from Brock Road to Courtice Road](#)
[Class Environmental Assessment and Preliminary Design](#)
[Town of Ajax Considerations](#), P. Allore, Director of Planning & Development Services /
H. Ng, Senior Transportation Planner
~ Presentation by David Fallows, Ministry of Transportation and Patrick Puccini, URS
Canada Inc.



Highway 401 from Brock Road to Courtice Road **Class Environmental Assessment & Preliminary Design Study**

HIGHWAY 401 FROM BROCK ROAD TO COURTICE ROAD **Class Environmental Assessment and Preliminary Design Study**

Town of Ajax Community Affairs and Planning Committee

February 17, 2015



Highway 401 from Brock Road to Courtice Road

Class Environmental Assessment & Preliminary Design Study

Agenda

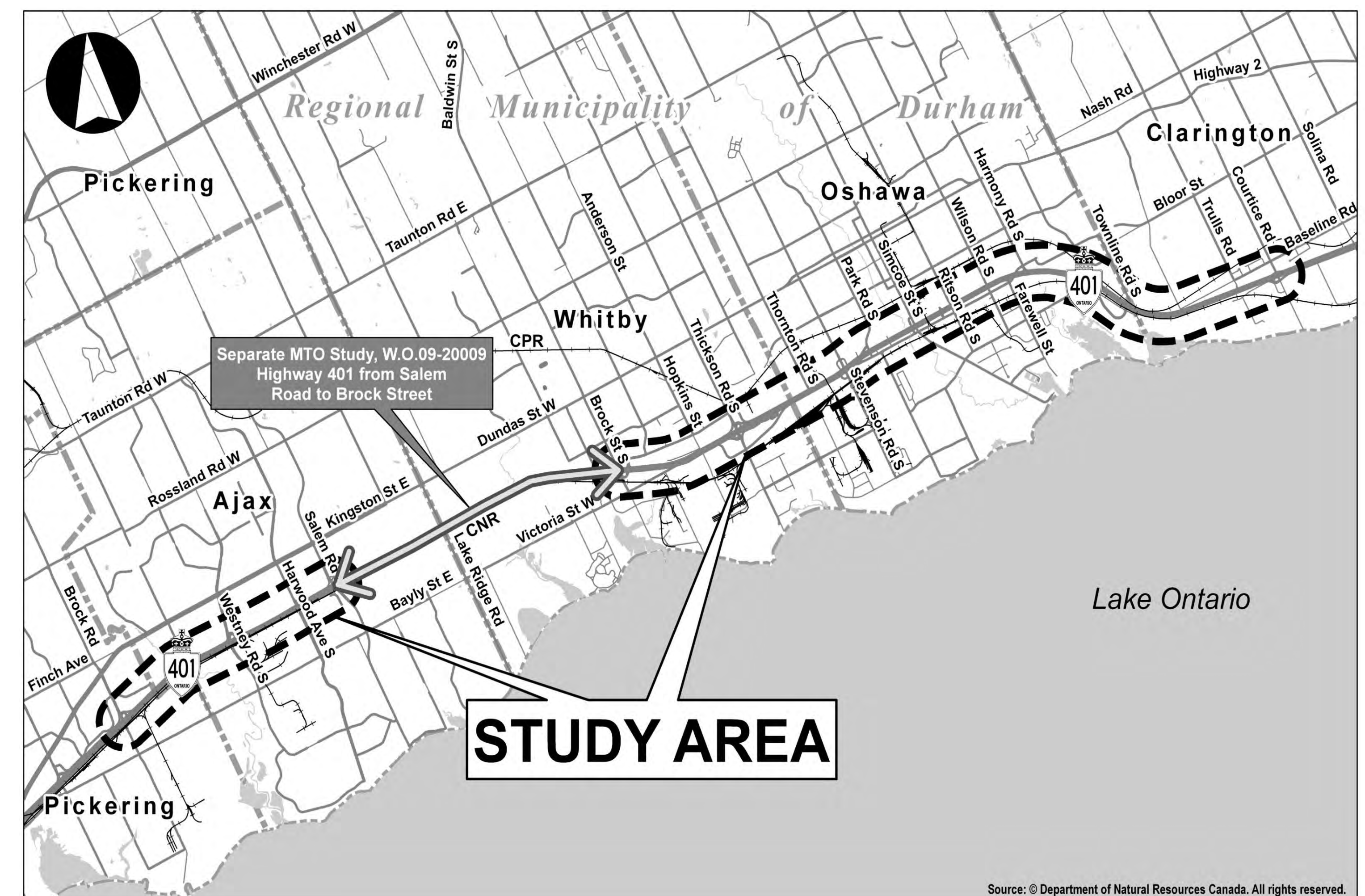
- General Project Overview and Schedule
- Overview of the Recommended Plan
- Recommended Plan and Impacts through Town of Ajax
- Other Issues
 - Construction Sequencing
 - Property Acquisition
- Next Steps

Highway 401 from Brock Road to Courtice Road

Class Environmental Assessment & Preliminary Design Study

Project Overview

- The primary focus of this study is to confirm the **rehabilitation needs** of the corridor.
- In parallel, the study team has confirmed the **long-term capacity and operational needs** so that rehabilitation investments are made with knowledge of the long-term vision for the corridor.
- Study Schedule
 - **Study commencement** – June 2012
 - **PIC #1** – March 2013 (existing conditions, need and justification, mainline and interchange alternatives).
 - **PIC #2** – November 21, 2014 (recommended plan, potential mitigation strategies).
 - **Filing of Transportation Environmental Study Report (TESR)** – Spring 2015





Highway 401 from Brock Road to Courtice Road

Class Environmental Assessment & Preliminary Design Study



Overview of Recommended Plan

- Highway 401 Mainline
 - Brock Road to future West Durham Link – **Widen from 10 to 12 Lanes** (extend core-collector system).
 - West Durham Link to Courtice Road – **Widen from 6 to 10 Lanes** (no core-collector system).
 - Widening about centreline generally preferred along entire corridor:
 - Widening to north preferred from west of Church Street to Harwood Avenue (through Westney Road interchange) to avoid significant impacts to existing rail corridor.
- Interchanges
 - Generally minor interchange improvements which maintain the existing configuration recommended at most locations to accommodate widening of Highway 401, including:
 - Brock Road, Westney Road, Salem Road, Thickson Road and Stevenson Road
 - Major re-configurations of Simcoe Street/Ritson Road and Harmony Road interchanges recommended.
 - Interchanges at Lake Ridge Road, Brock Street and Courtice Road were previously reviewed as part of separate studies, and the approved interchange configurations at these locations have been incorporated into the plan.
- Structures
 - Rehabilitation and/or widening is recommended for the majority of structures along the corridor;
 - Replacement of some structures, and construction of 3 new bridges in Oshawa will also be required to accommodate the ultimate Highway 401 configuration.

Highway 401 from Brock Road to Courtice Road

Class Environmental Assessment & Preliminary Design Study

Recommended Plan through Town of Ajax Notion Road to East of Church Street (Mill Street)

- Recommended plan for this section includes:
 - Widening Highway 401 to 12-Lanes about centreline;
 - Widening of existing Duffins Creek Structure (deck only);
 - Impacts to 2 commercial/industrial lots and Duffins Creek woodlot on north side of Highway 401;
- Minor property impacts to church and 1 residential property east of Church Street.

Notion Road to East of Church Street – Recommended Plan



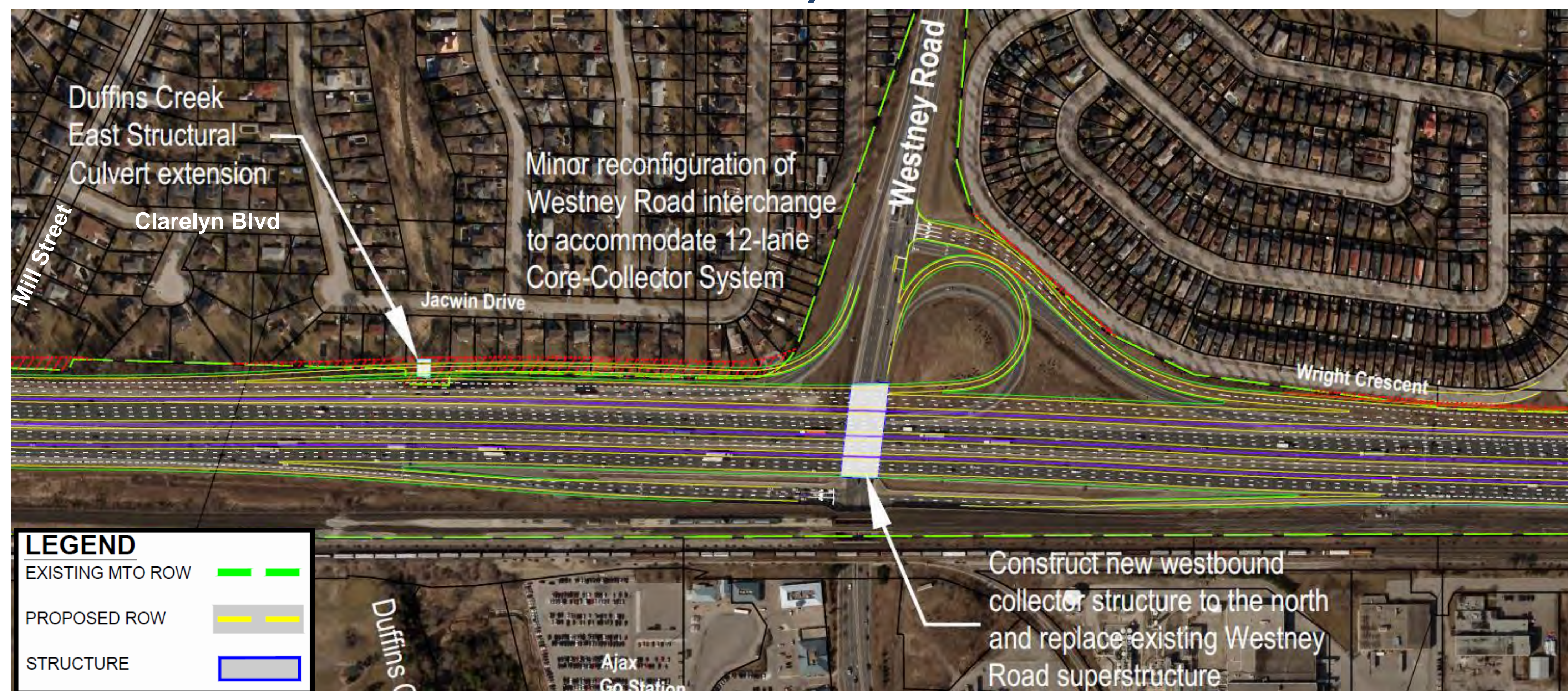
Highway 401 from Brock Road to Courtice Road

Class Environmental Assessment & Preliminary Design Study

Recommended Plan through Town of Ajax Mill Street to East of Westney Road

- Recommended plan for this section includes:
 - Widening Highway 401 to 12-Lanes to the north through Westney Road interchange;
 - Partial reconfiguration of westbound on and off-ramps at Westney Road interchange;
 - Rehabilitation of existing Westney Road structure with new structure provided for westbound Collector lanes over Westney Road.
- Property impacts on the north side of Highway 401 between Mill Street and Westney Road (approx. 22 residential properties impacted);
- Local impacts to Wright Crescent right-of-way.

Mill Street to East of Westney Road – Recommended Plan



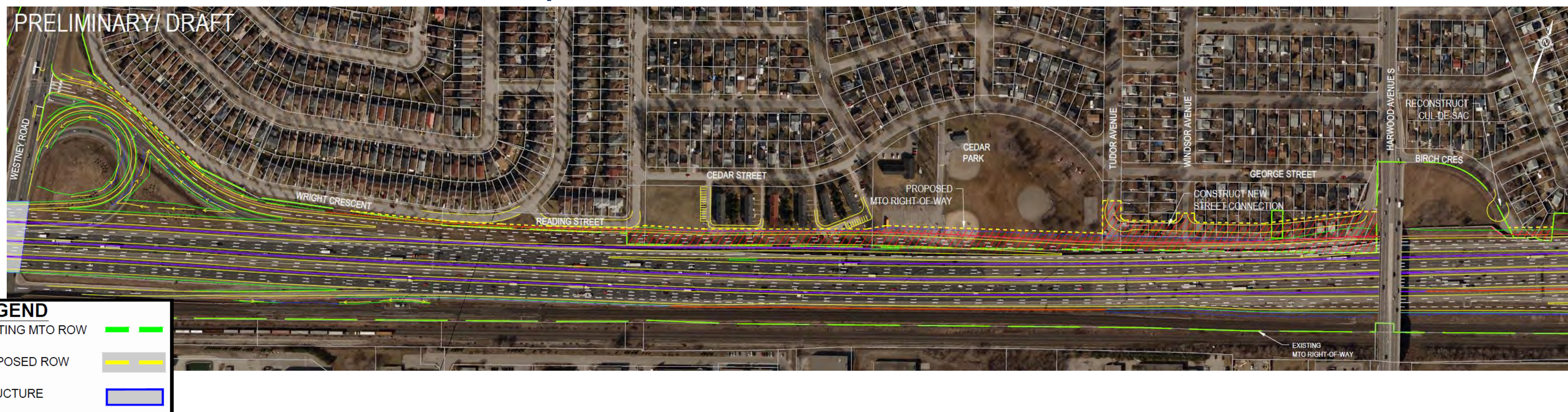
Highway 401 from Brock Road to Courtice Road

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Recommended Plan through Town of Ajax East of Westney Road to East of Harwood Avenue

- Recommended plan for this section includes:
 - Widening Highway 401 about existing centreline;
 - No impacts to Harwood Avenue (existing structure can accommodate 12-lane Core-Collector System)
 - Local impacts to Reading Street right-of-way and apartment building laneways/parking on south side of Cedar Street;
 - Closure of Queen Street with new laneway connecting Tudor Avenue to east end of George Street (approx. 17 residential properties impacted);
 - Reconstruction of existing cul-de-sac on Birch Crescent to the north (2 residential property impacts).

East of Westney Road to East of Harwood Avenue – Recommended Plan



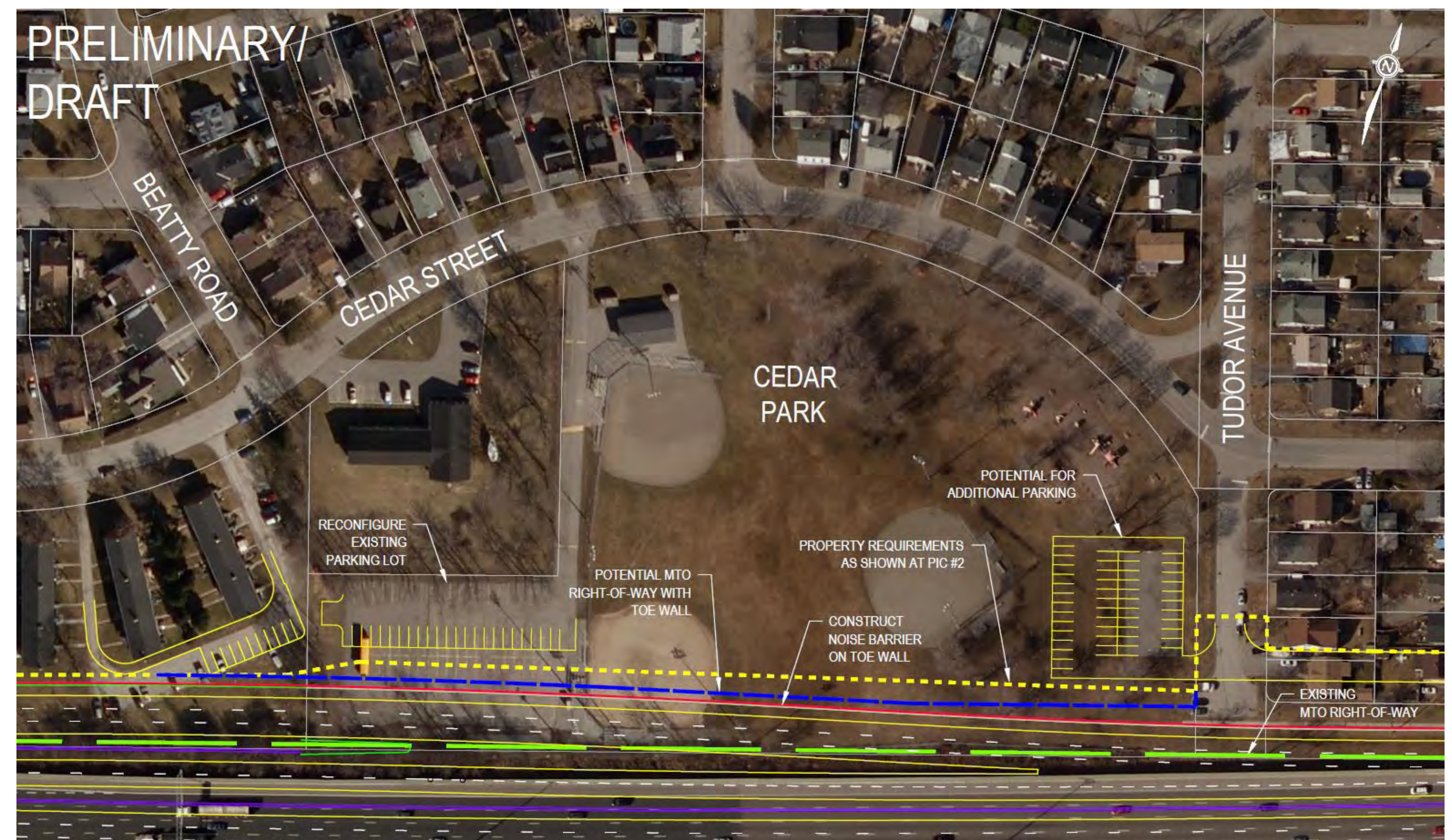
Highway 401 from Brock Road to Courtice Road

Class Environmental Assessment & Preliminary Design Study

Recommended Plan through Town of Ajax Cedar Park

- Impacts to Cedar Park:
 - Impacts / loss to approximately half of the parking spaces at the park and southwest baseball diamond;
 - A potential concept for reconfiguration of the park has been developed.
 - Further discussions on the reconfiguration of the park will be undertaken at the detail design stage once final property requirements are confirmed.

Potential Reconfiguration of Cedar Park



Highway 401 from Brock Road to Courtice Road

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Recommended Plan through Town of Ajax East of Harwood Avenue to East of Salem Road

- The recommended plan for this section includes:
 - Widening Highway 401 to 12-Lanes about centreline;
 - Widening the existing Salem Road structure to the north and south to accommodate widening;
 - Minor reconstruction of westbound on and off-ramps at Salem Road interchange.
- Minimal property impacts anticipated to Hilton Garden Inn and Ajax Convention Centre property
 - Anticipate temporary impact to existing parking during construction of the recommended plan.
- Minor property impacts anticipated to Ajax Baptist Church and Angus Drive right-of-way.

Harwood Avenue to Salem Road— Recommended Plan





Highway 401 from Brock Road to Courtice Road

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Construction Sequencing

- The ultimate Highway 401 improvements are not currently included in MTO's 5-year capital plan.
- Contract sequencing for implementing the recommended widening/rehabilitation requirements along the corridor will be determined at a later date subject to the following:
 - Extent of rehabilitation requirements
 - Availability of funding
 - Other provincial priorities
- It is anticipated that some smaller components may be constructed in advance of the main rehabilitation or widening contracts (e.g. individual structural rehabilitations or replacements, new ramps, etc.).
- A construction staging strategy for implementation of the ultimate plan will be confirmed during detail design.



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Property Impacts and Acquisition Process

- All property owners anticipated to be impacted received a notification letter prior to PIC #2 indicating that their property was anticipated to be impacted, and encouraging them to attend the PIC or contact a Project Team representative for more information;
- In general, property impacts that have been identified at this stage are subject to further refinement during the subsequent detail design phase;
- **Once final property requirements are confirmed, representatives from MTO's Property** Section will contact affected property owners to discuss the impacts and begin negotiations to acquire the required property.



Highway 401 from Brock Road to Courtice Road

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Next Steps

The following activities will be undertaken following this meeting:

- Review and address any further comments arising from this meeting and raised at PIC #2;
- Prepare and file the Transportation Environmental Study Report - including notices and newspaper advertisements;
- Seek Environmental Assessment clearance;
- Proceed to detail design and prepare the construction contracts.