

Highway 407 East

407 East Advisory Committee (EAC) Meeting #8

Agenda

Tuesday October 30, 2012

9:30 a.m. – 11:30 a.m.

Regional Municipality of Durham, Regional Headquarters

605 Rossland Rd. E, Whitby, ON

Meeting Room I-B

Purpose:

- a) Approve the 407 EAC meeting #6 minutes and to discuss the 407 EAC meeting #7 draft minutes;
- b) Discuss and approve changes to the 407 EAC Terms of Reference including meeting minutes approval process and the initiation of a document review process;
- c) Provide the 407 EAC members with an update on the following: Phase 1 implementation status, environmental issues, Heritage Strategy, and Phase 2 procurement process/status;
- d) Introduce key representatives from 407 East Development Group (EDG), the consortium delivering the Design, Build, Finance and Maintain agreement with the Province; and
- e) Provide an opportunity for a Questions and Answers discussion period.

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| 9:30 am | 1. Opening remarks, purpose of the meeting and agenda review
Lou Politano, Regional Director |
| 9:35 am | 2. Approve Minutes from 407 EAC meeting #6
Calvin Curtis / All |
| 9:40 am | 3. Discuss draft Minutes from the 407 EAC meeting #7
Calvin Curtis / All |
| 9:50 am | 4. Discuss and approve changes to the 407 EAC Terms of Reference (meeting minute approval process and document review process)
Calvin Curtis, Lisa Josephson / All |
| 10:05 am | Break |
| 10:15 am | 5. Updates to Phase 1 implementation
Peter Chackeris, Calvin Curtis |
| 10:30 am | 6. Update to Environmental Issues: <i>Endangered Species Act</i> permits, Heritage Strategy and Stormwater Management pilot project update
Darlene Proudfoot |
| 10:50 am | 7. Updates to Phase 2 procurement process/status
Peter Chackeris |
| 11:00 am | 8. Introduction of guests – 407 East Development Group
Calvin Curtis |
| 11:25 am | 9. Other business, next meeting and adjourn
Calvin Curtis |

**Highway 407 East – 407 East Advisory Committee (407 EAC)
Minutes of Meeting #8**

Held On: Tuesday, October 30, 2012 between 9:30 and 11:30 AM

Held At: Regional Municipality of Durham, Regional Headquarters, Whitby. Meeting Room I-B

Present:

Project Team: Lou Politano (MTO, Regional Director, Central Region)
Peter Chackeris (MTO, Manager, MPO)
Calvin Curtis (MTO, Head, Planning and Engineering, MPO)
Darlene Proudfoot (MTO, Senior Environmental Planner, MPO)
Diane Naluzny (MTO, Communications Specialist, MPO)
Pauline Van Roon (MTO, Senior Project Engineer, MPO)
Khaled El-Dalati (Delcan, 407 East Owner's Engineer, Project Manager)
Lisa Josephson (Delcan, 407 East Owner's Engineer, EAC Coordinator)
Grant Kauffman (LGL, 407 East Owner's Engineer, Lead Environmental Planner)

Members: Beth Williston (Toronto and Region Conservation Authority, Manager of Environmental Assessment Planning)
Paul Gee, alternate for Cliff Curtis (The Regional Municipality of Durham, Manager, Transportation Design)
Perry Sisson (Central Lake Ontario Conservation Authority, Director, Engineering and Field Operations)
Ranjit S. Gill (Town of Ajax, Senior Transportation Planner)
Steve Gaunt (The Corporation of the City of Pickering, Principal Planner, Policy Planning & Development Department)
Tara Painchaud, alternate for Suzanne Beale (The Corporation of the Town of Whitby, Transportation Project Engineer)

Guests: Achraf Joumaa (Infrastructure Ontario, Senior Project Manager)
Ian Upjohn (407EDG, Environmental Director)
Javier Tamargo (407EDG, CEO)
Jim Rockwood (407ECGP, Environmental Manager)
Paul Ruttan (407EDG, Construction Oversight and Design Interaction)
Rob Hems (407EDG, Design and Build Director)

CC'd:

Members: Cliff Curtis (The Regional Municipality of Durham, Commissioner of Works)
Dan Orr, observer (Ministry of Environment, Manager, Technical Support)
Darla Cameron (Canadian Environmental Assessment Agency, Section Lead)
Debbie Pella Keen (Ministry of Natural Resources, District Manager)
Gary Carroll (City of Oshawa, Director, Engineering Services)
Greg Wells (Ganaraska Region Conservation Authority, Manager, Planning Regulations)
Rob Dobos (Environment Canada, Manager, Environmental Assessment Section)
Suzanne Beale (The Corporation of the Town of Whitby, Commissioner of Public Works)
Tom Hoggarth (Fisheries and Oceans Canada, Eastern Ontario District)
Tony Cannella (Municipality of Clarington, Director, Engineering Services)

Purpose of Meeting:

The purpose of this meeting was to: approve the 407 EAC meeting #6 minutes; review the draft minutes from the 407 EAC meeting #7; discuss and approve changes to the 407 EAC Terms of Reference including meeting minutes approval process and the initiation of a document review process; provide an update on the Phase 1 implementation status, environmental issues, Heritage Strategy, and Phase 2 procurement process/status;

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introduce key representatives from the 407 East Development Group (407EDG); and provide an opportunity for Questions and Answers.

Hard copies of the meeting agenda and draft minutes from the 407 EAC meeting #7 were distributed. Discussions were led by Lou Politano, Calvin Curtis, Peter Chackeris and Darlene Proudfoot from MTO. Following the break, Javier Tamargo (CEO, 407EDG) introduced key representatives from the 407EDG and presented a breakdown of their group, scope of work and responsibilities.

No.	Item	Action
1.0	Opening Remarks, Introductions, Purpose of the Meeting and Agenda Review	
1.1	<p>Lou Politano welcomed participants and chaired the meeting. Following introductions, Lou reviewed the meeting purpose and the agenda for the morning.</p> <ul style="list-style-type: none"> • Lou explained that Dan Remollino has moved on to a new position and is no longer involved with the project. Calvin Curtis has taken over his position. Lou also introduced Pauline Van Roon, MTO Senior Project Engineer Phase 2. 	
2.0	Approval of Minutes from the 407 EAC Meeting #6	
2.1	<p>Calvin Curtis asked the Committee if any changes were required to meeting #6 minutes. No issues were tabled and minutes were approved.</p> <ul style="list-style-type: none"> • Action: Meeting #6 minutes to be uploaded to the website. 	Delcan
3.0	Review of Draft Minutes from the 407 EAC Meeting #7	
3.1	<p>Calvin reviewed the action items from meeting #7 draft minutes. No changes to the minutes were requested and the draft minutes were approved as final. However, the following points were discussed / expanded upon:</p> <ul style="list-style-type: none"> • 3.2.1: Gustavo Rojas (MTO) followed up with the Region of Durham regarding upgrades to regional roads. Paul Gee (Manager, Transportation Design with the Region of Durham) explained that the Region is making every attempt to have the intersections at Winchester Road/Harmony Road and Winchester Road/Simcoe Street complete in time for the highway opening (the intersections that the Region is cost sharing with MTO). 	
3.2	<ul style="list-style-type: none"> • 7.1.4.1: Darlene followed up with Cliff Curtis regarding the total area that will be allocated to overall benefits in the white belt. She explained that approximately 12 hectares of white belt lands would be used for Butternut and Bobolink and 10 hectares in white belt lands would be used for Redside Dace. 	
3.3	<ul style="list-style-type: none"> • 8.4: Gustavo provided Garry Carroll with electronic copies of the registered Road Closing Plan for Oshawa, the OMB decision and a copy of the letter sent to Oshawa mid-March. In addition, the Notice of Assumption of municipal roads crossing the Highway 407 East right of way was mailed out this summer. 	
3.4	<ul style="list-style-type: none"> • 9.1.2: Comments on the Highway 407 East Annual Compliance Report were received and incorporated where appropriate. 	

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No.	Item	Action
4.0	Discuss and Approve Changes to the 407 EAC Terms of Reference	
4.1	Change of Section 8.5 in Terms of Reference (Minute Notes):	
4.1.1	<ul style="list-style-type: none"> Calvin Curtis noted that MOE had expressed concern around the time to approve and upload minutes to the project website. 	
4.1.2	<ul style="list-style-type: none"> MTO suggested an email approval process. Section 8.5 in the 407 EAC Terms of Reference will reflect this change with the following wording: <i>“The 407 EAC meeting notes will be taken by the coordinator. The notes will reflect the general discussion, any action items required and the individual/group responsible for addressing the action item. Any issues that are raised that are outside of the meeting agenda but that require future discussion will be tracked. The notes will be circulated to the 407 EAC following each meeting within ten business days. Members will then have up to 10 business days to review draft meeting notes and provide comments. Should no comments be received, the meeting notes will be re-issued as final and posted on MTO’s project website. If comments are received, they will be reviewed and considered and the draft meeting notes will be re-issued with an explanation as to how they’ve changed within 10 business days. This cycle will be repeated until final meeting notes are issued. Only one set of meeting notes will be produced from each 407 EAC meeting. When meeting notes are deemed final, they will become part of the public domain.”</i> 	
4.1.3	<ul style="list-style-type: none"> The change was approved and the 407 EAC Terms of Reference will be updated accordingly. 	
4.1.4	<ul style="list-style-type: none"> Action: Edit Section 8.5 in Terms of Reference. 	Delcan
4.2	Addition of Section 8.7 in Terms of Reference (Document Review Process):	
4.2.1	<ul style="list-style-type: none"> Calvin explained that as documents are submitted to the EAC, a review process via email will be used and added to the 407 EAC Terms of Reference as Section 8.7. This new section will read as follows: <i>“As outlined in this Terms of Reference, EAC members are required to review and comment on specific documents. As such, the following process to review documents will be followed:</i> <ul style="list-style-type: none"> <i>MTO/MTO’s agent(s) will email draft documents to the 407 EAC members.</i> <i>Written comments will be required within 10 business days.</i> <i>MTO/MTO’s agent(s) will endeavor to incorporate comments prior to submission to MOE.</i> <i>MTO/MTO’s agent(s) will report back to EAC members on actions taken at the next EAC meeting.”</i> 	
4.2.2	<ul style="list-style-type: none"> The addition of Section 8.7 was approved and the 407 EAC Terms of Reference will be updated accordingly. 	
4.2.3	<ul style="list-style-type: none"> Action: Add Section 8.7 to the 407 EAC Terms of Reference. 	Delcan
4.2.4	<ul style="list-style-type: none"> Action: Email the updated 407 EAC Terms of Reference to EAC members and upload it to the project website, replacing the previous version. 	Delcan

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No.	Item	Action
5.0	Updates to Phase 1 Implementation	
	Calvin Curtis provided an update on the status of Phase 1.	
5.1	<ul style="list-style-type: none"> • At the end of May 2012, Financial Close was reached and the 407 East Development Group (SNC Lavalin and Cintra Infraestructuras S.A.) was officially awarded the contract. 	
5.2	<ul style="list-style-type: none"> • Work is continuing throughout the fall and full construction start date is anticipated in spring 2013. Some utility work is currently being coordinated by 407EDG. 	
5.2.1	<ul style="list-style-type: none"> ○ Beth Williston noted that some utility work will require permits and that the 407EDG is not exempt from the permitting process. 	
5.3	<ul style="list-style-type: none"> • Next Steps: 	
5.3.1	<ul style="list-style-type: none"> ○ 407EDG has initiated field work to support their design work and have also initiated meetings with municipalities and the Region of Durham. Plans are in place to meet with regulatory agencies in the near future. Detail design work and staff accumulation are underway. 	
5.4	<ul style="list-style-type: none"> • Paul Gee asked what level of design was provided to the consortiums as part of the RFP and what level of design the 407EDG is at now. 	
5.4.1	<ul style="list-style-type: none"> ○ MTO responded that they had provided preliminary design at 30% as part of the RFP. The 407EDG is currently initiating design and they have made some changes to the preliminary design where they felt were appropriate. MTO will either accept or reject those changes. MTO continued by explaining that this process is less formal than following the traditional 30%/60%/90% submissions on a conventionally delivered project. 	
5.4.2	<ul style="list-style-type: none"> ○ As of yet, the 407EDG has not submitted a formal design or a formal schedule. They have struck a number of working committees with Infrastructure Ontario and MTO and those committees have been meeting since this summer. 	
5.4.3	<ul style="list-style-type: none"> ○ Paul noted the gap between what was provided at the Environmental Assessment stage and what has been provided now and that the Region is interested in meeting with the 407EDG before they get to a design point where they're not going to want to make any changes. He noted that there may be items that the municipalities/Region wishes to negotiate with them. 	
6.0	Update on the Brock Road Interchange	
	Calvin Curtis provided an update on the Brock Road Interchange.	
6.1	<ul style="list-style-type: none"> • MTO engaged 407 ETR who in turn retained MMM Group in spring 2012 to undertake the detail design of the new 407/Brock Road interchange. The work includes extending the 407 ETR eastward to join with the new 407 East alignment (east of Sideroad 16). The realignment of Brock Road and Highway 7 will feed into the new interchange. 	

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No.	Item	Action
6.2 6.2.1 6.2.2 6.3	<ul style="list-style-type: none"> • The design is scheduled to be completed by the end of this year with the tender to go out spring 2013. Construction is set to begin spring 2013 and completed by November 2015. <ul style="list-style-type: none"> ○ Steve Gaunt asked Calvin to clarify the tender process. ○ Calvin explained that the 407 ETR is doing the design work on behalf of MTO, and the work will be tendered out in the spring. The tender process is to be finalized by MTO. • Darlene Proudfoot added information regarding the upcoming Brock Road Interchange Public Information Centre (PIC) that will take place on November 21, 2012 at Brougham Hall from 4:00 – 8:00 pm. She noted that agencies will soon receive letters and are invited to the PIC one hour before the public. Notices will be placed in local papers during the week of November 14, 2012. 	
7.0 7.1 7.1.1 7.1.2 7.1.2.1 7.1.2.2 7.1.3	<p>Update to Environmental Issues</p> <p>Darlene Proudfoot provided an update on environmental issues including: <i>Endangered Species Act</i> permits, the heritage strategy and the stormwater management pilot project.</p> <p><i>Endangered Species Act</i> (ESA) Permits:</p> <ul style="list-style-type: none"> • MTO has received four ESA permits from MNR. As the project moves forward, 407EDG will carry out the work outlined in the permit conditions in the Phase 1 areas on behalf of MTO. The permits received in Phase 1 include: Butternut, Bobolink/Eastern Meadowlark, Barn Swallow and Redside Dace. • Butternut: The permit was received spring 2012. Six archivable species were cloned and grafted under the MNR Butternut archive program and the cloned trees are doing well. 600 replacement butternut trees and 1200 companion trees will be planted on MTO lands and there will be a five year monitoring program. As part of the application, MTO identified the locations to plant the Butternut trees. 407EDG will be responsible for planting the trees, monitoring and reporting on the species. <ul style="list-style-type: none"> ○ Steve Gaunt asked how many trees would be destroyed. ○ Grant Kauffman responded that there are over 250 Butternut trees being destroyed, but of those only 150 are classified as retainable (e.g. the other 100 were suffering from various problems). Because MTO archived some trees, there was a reduction in the number of trees planted and there's a contingency in the compensation ratio so that MTO does not have to go back to amend the permit if additional trees are found. • Bobolink/Eastern Meadowlark: The permit was received in the summer of 2012. These birds live in the same area (cultural meadows). MTO is establishing approximately 32 hectares of habitat on MTO lands and these will be established and maintained for five years. There are additional conditions related to these two species. 	

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No.	Item	Action
7.1.4	<ul style="list-style-type: none"> Barn Swallow: This species was listed in January 2012. The birds live in barns and MTO and 407EDG are removing these structures along Highway 407 East. As part of the permit, two types of nesting structures of different sizes will be installed with nesting cups. These structures will be constructed on MTO lands. MTO looked at the entire corridor for suitable locations (near feeding locations) and land suitable for these species will be maintained for five years. MNR included a condition that within 500 metres of a nest, construction drawings, restoration plans and detail design plans will be required to inform MNR of the location, number, size, shape of structure before the barns can be removed. This is related to the general habitat requirements. All municipalities will have to address this when dealing with future developments. 	
7.1.5	<ul style="list-style-type: none"> Redside Dace (RSD): There are 12 RSD watercourses along the mainline and as part of the permit application, MTO proposed a series of projects in Duffins Creek, Carruthers Creek and Lynde Creek. Some of the projects include creating wetlands and removal of barriers, removal of online ponds and providing natural channel designs. There will be a monitoring plan in stormwater management ponds that will be outletting into RSD watercourses and TRCA and MTO are working together on some RSD projects for Duffins Creek and Carruthers Creek. Some works are being done in the highway right of way and the remainder of works in TRCA jurisdiction will be done on the conservation lands around Brock Road and on some other private lands in the Carruthers Creek watershed. There will be reporting and monitoring requirements through the construction period and five years post construction and there are still requirements for fisheries authorizations. 	
7.1.6	<ul style="list-style-type: none"> In Phase 2, six species at risk have been identified and MTO will work with MNR to develop the appropriate compensation, mitigation and overall benefit strategies. 	
7.2	Heritage Strategy:	
7.2.1	<ul style="list-style-type: none"> All Cultural Evaluation Heritage Reports (CHERs), documentation reports and Cultural Landscape document reports completed for Phase 1 have been submitted to the municipalities. MTO is in the process of completing these reports for Phase 2, primarily in Clarington. 	
7.2.2	<ul style="list-style-type: none"> MTO has met with local heritage committees several times (in particular Pickering, Whitby and Oshawa) to discuss the heritage strategy and moving forward. MTO will be meeting with Clarington in a couple of months to discuss the process. 	
7.2.3	<ul style="list-style-type: none"> MTO has completed an Adaptive Reuse Design Concept document to look at incorporating materials from the heritage structures being removed to be used in gateway / trail / interpretive signs, etc. This was also a part of the Community Value Plan (CVP) process. 	
7.2.4	<ul style="list-style-type: none"> MTO also completed an Aboriginal Commemorative Strategy for First Nation Groups in the area, examining the use of artwork, designs for commuter parking lots, interpretive plaques, etc. that will be built throughout the entire highway. 	

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7.2.5	<ul style="list-style-type: none"> There were no applications to move the heritage buildings and as a result, MTO is looking at salvaging materials. Whitby and Oshawa have submitted salvage lists and it is up to the consortium to work with them. 	
7.3	Stormwater Management Pilot Project (EA Condition of Approval 7)	
7.3.1	<ul style="list-style-type: none"> The pilot project will look at how stormwater will be addressed in sensitive areas (e.g. in Redside Dace watercourses) and will examine the impacts of stormwater and salt in sensitive areas. The pilot project, located in a ditch at Highway 401 and Highway 6, will test different methods and materials. 	
7.3.2	<ul style="list-style-type: none"> In early 2012, MTO started construction of the pilot project and will be completed this week. MTO is partnered with the University of Guelph, who are undertaking the monitoring and testing of the materials. 	
7.3.3	<ul style="list-style-type: none"> The pilot project will take about one year of monitoring. Once results are generated the 407 EAC will receive the data. 	
7.3.3.1	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Perry Sisson asked how the results will affect the current design of the highway. 	
7.3.3.3	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Lou noted that the pilot projects wouldn't necessarily apply to the 407 East, but for future projects. 	
7.3.3.4	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Beth Williston added that TRCA has a sustainable technologies evaluation program and that MTO should discuss the pilot project with them in the future. 	
8.0	Update to Phase 2 Procurement Process/Status	
	Peter Chackeris provided a brief update on Phase 2.	
8.1	<ul style="list-style-type: none"> Delcan was retained as the Owner's Engineer for Phase 2. 	
8.2	<ul style="list-style-type: none"> Pre-construction activities have begun, including: 	
8.2.1	<ul style="list-style-type: none"> <ul style="list-style-type: none"> archaeological work (some Stage 3s) 	
8.2.2	<ul style="list-style-type: none"> <ul style="list-style-type: none"> property acquisition 	
8.2.2.1	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> The notice of expropriation was mailed out. MTO has obtained a waiver of Hearing of Necessity. 	
8.2.2.2	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> Property Owner Information Sessions will take place on November 14th and November 20th in Bowmanville and Solina. 	
8.3	<ul style="list-style-type: none"> The RFQ is anticipated to be released in spring 2013 and the RFP will be released thereafter. 	
8.4	<ul style="list-style-type: none"> Beth Williston asked how the Highway 407 East will tie into Highway 7. 	
8.4.1	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Peter explained that MTO modeled the traffic situation and it is comprised primarily of commuter traffic. Highway 7 will get some use when Highway 407 East is in place, but most vehicles will use the 407 East as a bypass to get past Oshawa and continue on Highway 401. 	
8.5	<ul style="list-style-type: none"> Paul Gee asked if there has been any additional design work to the interim opening at Taunton Road. 	

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8.5.1	<ul style="list-style-type: none"> ○ Peter responded that MTO still needs to do more work on this. 	
8.6	<ul style="list-style-type: none"> ● Steve Gaunt asked if the realigning of Highway 401 was part of this project. 	
8.6.1	<ul style="list-style-type: none"> ○ Lou confirmed the realigning of Highway 401 was part of this project. 	
8.7	<ul style="list-style-type: none"> ● Steve followed up by asking if the realignment of Highway 401 would include both the express and collector lanes. 	
8.7.1	<ul style="list-style-type: none"> ○ Calvin responded that the realignment of Highway 401 would only include the collector lanes as the core-collector system ends west of that location. 	
8.8	<ul style="list-style-type: none"> ● Beth Williston asked who was building the link in Phase 1. 	
8.8.1	<ul style="list-style-type: none"> ○ Lou responded that 407EDG will build the link. 	
9.0	Introduction of 407EDG Key Representatives and Presentation	
	<p>Calvin Curtis introduced Javier Tamargo, CEO of the 407EDG. Javier introduced the 407EDG team and a round of introductions of the 407 EAC followed.</p>	
9.1	<ul style="list-style-type: none"> ● After introductions were complete, Javier gave a presentation on the work 407EDG will undertake for Phase 1. He reviewed their scope of work and went over the different contracts associated with the 407EDG General Partnership. 	
9.2	<ul style="list-style-type: none"> ● Javier explained that the 407EDG maintains the financial responsibility while construction and operation responsibilities go to two separate entities: the 407 East Construction General Partnership (407ECGP) is responsible for design and construction while another subsidiary of 407EDG is responsible for the operation and maintenance of the highway. 	
9.3	<ul style="list-style-type: none"> ● As the concessionaire, it's 407EDG's role to oversee all aspects of the project. Javier reviewed key responsibilities and explained the breakdown of the construction group, which includes: the design group, environmental manager, construction managers, utilities, health and safety, quality manager, and procurement. 	
9.5	<ul style="list-style-type: none"> ● Phase 1 was broken down into different sections according to construction. For further details of this breakdown, please refer to slide 8 of the 407 EDG presentations (attached). 	
9.6	<ul style="list-style-type: none"> ● Javier finished by discussing the Complaints Protocol; 407EDG is responsible for receiving complaints and resolving the issues. 407EDG will prepare a Complaint Protocol and will send it to the 407 EAC for final review. They will then send it to MOE for approval. 	
10.0	Questions for the 407EDG	
10.1	<ul style="list-style-type: none"> ● Lou Politano asked if 407EDG had an update to the level of design completed to date. 	
10.1.1	<ul style="list-style-type: none"> ○ Rob Hems explained that they've made slight modifications to the road grade, but not much since it's not much different from what was provided at the RFP stage. He continued by explaining that sections B2 and B3 on the West Durham Link (WDL) had no changes from reference drawings and will be the first designs to be presented to the public. 	

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	<p>Rob went on to explain that they are trying to optimize construction and scheduling of the mainline, including the two major interchanges (1. the WDL and Highway 401 and 2. the WDL and the mainline).</p>	
10.2	<ul style="list-style-type: none"> • Lou asked if they were discussing design elements with local municipalities. 	
10.2.1	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ○ Rob explained that they haven't discussed design elements yet, but have had meetings with the municipalities on generalities and with the utility companies to find out their needs. Detailed discussions with municipalities have yet to be scheduled. 	
10.3	<ul style="list-style-type: none"> • Lou asked if they were interacting with MOE or MNR. 	
10.3.1	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ○ Rob responded that there have been meetings between 407EDG and the environmental group and they were introduced to MNR. 	
10.3.2	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ○ Ian Upjohn continued by explaining that the 407EDG is communicating with MNR regarding permit applications. 	
10.3.3	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ○ Paul Ruttan explained that there are many working committee meetings up and running including: environmental committee meetings broken out into 5 groups; technical working meetings with IO; meetings with the Region and municipalities to discuss concerns; land working meetings discussing available lands; traffic working meetings; and communications working meetings. 	
10.3.4	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ○ Ian noted that formal regulatory agency meetings will be set up in the coming weeks / months. 	
10.4	<ul style="list-style-type: none"> • Lou asked when they would be providing the schedule. 	
10.4.1	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ○ Rob said that it would be provided this week. 	
10.5	<ul style="list-style-type: none"> • Paul Gee asked what Rob had been talking about when discussing reference drawings for B2 and B3. 	
10.5.1	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ○ Rob explained that the design was referring to a set of reference drawings that went through the EA prior to the bidding process. 407EDG used those reference drawings (which showed land purchased for use on the job and elements of the design) and 407EDG needs to optimize elements through B2 and B3. There will be minimal need for changes from what was presented previously at the RFP stage. 	
10.6	<ul style="list-style-type: none"> • Paul asked when the municipalities would be able to see the designs and discuss concerns and ideas with the 407EDG. He went on to explain that the Region is very interested in working with them at an early stage and that they'd like to see the design and have the opportunity to review and comment on it. 	
10.6.1	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ○ Paul Ruttan responded that the designs are close to what was produced during the EA, particularly for B2 and B3 segments on the WDL. 	
10.6.2	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ○ Rob discussed the meeting that occurred with the municipalities two weeks ago. Detailed descriptions were given of what 407EDG needs to provide. The municipalities had the chance to ask questions. Further municipal meetings will be held. 	

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10.6.3	<ul style="list-style-type: none"> ○ Calvin explained that the information provided at the initial meeting was from the Project Agreement and the information originally came from the EA documents. 	
10.7	<ul style="list-style-type: none"> ● Paul Gee expressed a concern that the design was finalized and no changes could take place. He continued that he / the Region wants the opportunity to review and comment on the designs before it's too late 	
10.8	<ul style="list-style-type: none"> ● Lou asked the 407EDG what their approach was to meet with the Region. 	
10.8.1	<ul style="list-style-type: none"> ○ Paul Ruttan explained that they will invite the Region to all meetings with the municipalities. 	
10.9	<ul style="list-style-type: none"> ● Perry Sisson asked what the net results were of materials and what their strategy was for managing materials. 	
10.9.1	<ul style="list-style-type: none"> ○ Rob responded that they're dealing with a surplus and that they're trying to deal with it in innovative ways (e.g. creating berms with excess materials in the right of way). He continued by explaining that there may be some opportunities to flatten out the slopes at embankments to minimize the excess to be removed from the project. 	
10.9.2	<ul style="list-style-type: none"> ○ Rob went on to explain that each segment will have its own manager and own work. For example, Highway 401/WDL is the toughest part work with the most detailed scheduling (traffic) and the north section of the WDL is the easiest section with the least amount of challenges. Each area has its own speciality issues (e.g. environmental sensitivities). 	
10.10	<ul style="list-style-type: none"> ● Paul Gee asked if the highway would be opened as one entity or phased according to construction schedule. 	
10.10.1	<ul style="list-style-type: none"> ○ Rob explained that the highway would be opened at the same time, including the completion of all side roads, the mainline and the links. However, if side roads can be opened earlier, they will be. 	
10.10.2	<ul style="list-style-type: none"> ○ Lou noted that the tolling component will need to be completed as well. 	
10.12	<ul style="list-style-type: none"> ● Rob noted that they will plan to start clearing trees by March 1, 2013. 	
10.13	<ul style="list-style-type: none"> ● Javier also noted the opening of the public project office located at 400 Dundas Street East in Whitby. An invitation will be sent to the 407 EAC members later this month. 	
11.0	Other Business, Next Meeting and Adjourn	
	Calvin Curtis thanked everyone for attending the meeting.	
11.1	<ul style="list-style-type: none"> ● Action: Lisa to send out the presentation from this meeting. 	Delcan
11.2	<ul style="list-style-type: none"> ● Next Meeting to take place in February or early March 2013. 	
11.2.1	<ul style="list-style-type: none"> ○ Action: Lisa to send the Region of Durham proposed meeting dates. 	Delcan

If there are any errors or omissions, please advise l.josephson@delcan.com within seven days of the issuance of these minutes.

Minutes prepared by
DELSCAN CORPORATION