

Ottawa LRT- Executive Committee Meeting

Meeting Date: July 20, 2017

**Attendees:**

✓	Manuel Rivaya (MR)	✓	John Wilkinson (JW)	✓	Tim Stewart (TS)
✓	Mirsad Hairlahovic (MH)	✓	Rupert Holloway (RH)	✓	Roger Schmidt (RS)
✓	Stephen Damp (SD)	✓	Eugene Creamer (EC)	✓	David Watt (DW)
✓	Wayne Ferguson	✓	Humberto Ferrer (HF)	p/t	Peter Wolters (PW)

<u>Acceptance of Previous minutes:</u> Previous minutes were accepted		
Mtg #48	Business	Action
48.1	<p><u>Safety</u></p> <p>Labour force issues with workers showing signs of tiredness. There is no additional capacity in the local labour market.</p> <p>25/30 perfect days.</p> <p>1 public security incident and 1 near miss.</p> <p>8400 people received orientation.</p> <p>Improvement in the tunnel during visits. Access/cleanup to be improved. A summary of recognized individuals to be reflected in the Monthly Works Report.</p> <p>An incident occurred in June with an operator demonstrating erratic behaviour. Superintendent did not notice anything abnormal at the beginning of shift however once employee began working, symptoms began to show. Worker was asked to leave the job site and refused. Police were called to intervene and took over the incident. Currently under police investigation.</p>	<p>INFO/ACTION – H&amp;S/Project Director</p>
48.2	<p><u>Quality Assurance</u></p> <p>No internal audits in June or July</p> <p>Audits to take place in August are at Tunney’s Pasture, Bayview and Hurdman Station.</p>	<p>INFO</p>

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	<p>94 NCRs open out of 61 with 15 being opened this month. Monthly average of 100 approx. A program will be needed over the Next 6 months to bring the numbers down.</p> <p>365 days NCRs were closed. List to be provided to Rupert on critical NCRs</p>	
<p>48.3</p>	<p><u>Environment</u></p> <ul style="list-style-type: none"> <li>• OLRT-C received an inspection report from the TSSA on June 9, 2017. The inspection report contained an Order to clean up the West Portal fueling area by October 31, 2017. OLRT-C to make a plan and request an extension until December 15, 2017.</li> <li>• Excavation and remediation will also be required around the West Portal workshop and maintenance and fueling areas around the East Portal treatment facility where equipment maintenance occurred.</li> <li>• Treatment system facilities continue to remain compliant. Water treatment volumes remain high at the East Portal (water originating from the running tunnel east of Parliament Station to the East Portal ramp)</li> <li>• Archaeological monitoring and screening is ongoing. Almost complete. One location remains at the Parliament Station.</li> <li>• Material: no issues</li> <li>• Decommission within the next 2 months – Water Treatment Systems.</li> <li>• Two environmental spills in June. As they were street level, it was dealt as an incident.</li> <li>• Gas line at University of Ottawa – low pressure in June. Closed.</li> </ul>	<p>INFO</p>
<p>48.4</p>	<p><u>Payment Milestone # 10- 2017 Readiness- April 12, 2017</u></p> <p>Site visit taking place July 21. Certificate will be received in the coming weeks.</p>	<p>INFO</p>
<p>48.5</p>	<p><u>Contract / Change Management - EJV</u></p> <p>Continue to produce all back up for impacts reflected in change orders. BTY is assembling impact information. This will be complete by June 2017.</p> <p>Interaction has improved and processes are in place, however, they are still late. We are correcting the errors and their final deliverables are extending into June. Especially in systems/comms. Cooperation hasn't been that great. SNC's EXCO member, Marty Leahy advised that the message of cooperation has been provided to EJV's SNC design management.</p> <div style="border: 1px dashed black; padding: 10px; margin-top: 20px;"> <p style="font-size: 24pt; font-weight: bold; text-align: center;">Solicitor Client Privileged</p> </div>	<p>ACTION – Tech./EJV</p>

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<h1 style="border: 1px dashed black; padding: 10px;">Litigation Privileged</h1>		
48.6	<p><u>Contract / Change Management - Alstom</u></p> <p>We are concerned regarding their delivery on trains and its effect on Thales. We need to hold Alstom to their promised dates. 10 retrofits are pending. We will be getting an updated schedule with the retrofits included. We will be bring Neil back on to the job to ensure we are kept on track.</p> <p>P25 impact has been notified to the City</p> <p>Alstom continue to provide non-compliant schedules and notices are given to Alstom.</p>	
48.7	<p><u>Insurance claims</u></p> <p>Please refer to report provided by David Watt.</p>	INFO
48.8	<p><u>Project Update</u></p> <p>For complete project update refer to the following reports provided to EXCO</p> <ol style="list-style-type: none"> <li>1. Monthly Project Report –July</li> <li>2. Monthly Cost Control Report –July</li> </ol>	INFO
48.9	<p><u>VIAS</u></p> <p>Quality issues with VIAS. Question surrounding whether we will descope them or default them. 25% already descoped technical work. Direct fixation in the tunnel to be descoped, the rest of the scope already done. A plan for VIAS will be prepared. An ad hoc meeting can be arranged to finalize decision if needed. Proceeded with further descoping in order to maintain schedule.</p>	
48.10	<p><u>Cost Control and Cost Forecast</u></p> <ul style="list-style-type: none"> <li>• Monthly update on Forecast and Cost reviewed.</li> <li>• Dispute Resolution Committee. To be added to the agenda in the next EXCO and summary of the process to be presented as well.</li> <li>• Electrical – A Stations – Design being managed by site instruction – Impact to be evaluated.</li> </ul>	

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<p>41.2</p>	<p><u>Earned Value/Cost</u></p> <p>A progress report will be prepared and shared on a week to week basis to EXCO. We will need to work out a process of how we will tracking subs progress vs earned value on the stations. From a weekly report it can be put into a monthly report.</p>	<p>ACTION – Cost Controls/Ellisdon</p>
<p>43.6</p>	<p><u>Forecast</u></p> <p>The forecast will be updated after the schedule is finalized. Trackwork and OCS are our main focus.</p>	
<p>47.9</p>	<p><u>Schedule</u></p> <p>EXCO will be meeting with the City this afternoon. City is concerned about meeting RSA date of, May 24, 2017. City has indicated that they would like to move the public opening date to August 2018. We need to look at our schedule to understand where we are before speculating. John M needs to understand that however he announces it, that the construction groups do not think they require additional time to reach RSA. In preparation, EXCO met with each of the segment managers.</p> <p>Reviewed schedule presentation. City would like to program when drivers who have already been trained, can have recurrent training to ensure they are current. This works to our advantage as it gives us a trained workforce to drive, however, we only want this after training is complete. City is looking at a failure rate of 40-60% for operators. We are developing a software program to decide when vehicles/training will be available. A simulator will also be available.</p> <p>Critical CCTV cameras for systems testing are in every station on every platform. 8 per station, 56 for the eastern section. We need to ensure at least 8 CCTV cameras and some speakers are functioning in time for testing. Where speakers were sitting on ashwood ceilings may need to be elsewhere until those ceilings are completed.</p> <p>Reviewed requirements/objectives, limits, dates and segments.</p> <p>Confident in trackwork, and OCS. Backbone/CST network the only area of concern.</p> <p>Alstom are trying to push their deliverables out to Phase II. City driven issue is with the bellows gap however Alstom is attempting to get payment from us.</p> <p style="text-align: center;"><b>Component pricing</b></p> <p>New Alstom schedule includes retrofits. <b>Litigation Privileged</b></p> <p><b>Litigation Privileged</b> A delay of 6 weeks to deliver last train without reason. There is</p>	

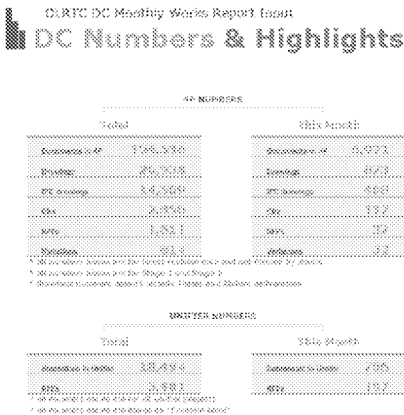
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	concern they will be taking their qualified individuals off of our job to assist them on some of their other projects.	
47.11	<p><u>Ashwood</u></p> <p>Component pricing was the original incremental quote to do something other than ashwood. Now we are quoting Component pricing however the extra Component pricing is for schedule impacts.</p>	
45.12	<p><u>Technical Updates - Safety Management Activities</u></p> <ul style="list-style-type: none"> <li>• Safety Program Going Well. City is generally satisfied EJV is on-board. Alstom now paying attention to the PHA and in the process for completion</li> <li>• Bellows gap defence received from Alstom and on its way to the City</li> <li>• First safety certificate (Vehicle to Platform Gaps) under revised program is ready for posting</li> </ul> <p>T&amp;C going well - Training individual brought in to go over training schedule and documents. All has been scheduled and has been agreed upon by City.</p> <p>Some of the Systems Design staff will be going to T&amp;C in the next coming months.</p> <p>Tracking all the areas in close out. Moving along well.</p> <p>PA compliance tracking is an issue. Once we get the EJV DOORS input we will have a review. The City seems to be more concerned with it being compliant then with it operating.</p>	INFO
47.13	<p><u>Construction</u></p> <p>John Manconi will be aggressive with ensuring Tunney’s Pasture, Blair and Hurdman are on time and complete as these are hub stations for buses. We are working extra hours to remain on time however no overnights due to noise bylaws.</p>	
45.14	<p><u>Alstom – Technical</u></p> <p>Fire test has been completed and documented. Redoing floor fire test as it failed. The failure was related to testing equipment and procedures.</p>	INFO
39.7	<p><u>Construction interface</u></p>	INFO

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	<ul style="list-style-type: none"> <li>3 latent defects related to pile corrosion which involve the city. Involving redesigns and corrective actions.</li> <li>EJV tracking deliverables and want to see the dates met. Our concern is quality received.</li> </ul>	ACTION – Tech./EJV
39.9	<p><u>Close Out</u></p> <p>Close out continues to go well with the city. Having monthly meetings. Close out coordinator recruitment continues</p>	Action – Technical/HR
47.14	<p><u>Thales</u></p> <p>Thales work is gearing up. Operating switches. Prep mod for their May events underway.</p> <p>Thales equipment at Blair energized and being tested with a train. Thales equipment is communicating with train (LRV5)</p>	Action - Thales
48.11	<p><u>Document Control</u></p>  <p>The screenshot shows a slide titled "DC Numbers &amp; Highlights" with two main sections: "DC NUMBERS" and "UNCLERED NUMBERS". Each section has a table comparing "Total" and "This Month" data. In the "DC NUMBERS" section, Total is 1,795,370 and This Month is 1,772,1. In the "UNCLERED NUMBERS" section, Total is 2,879,6 and This Month is 2,775. The slide also includes a small bar chart and some footnotes.</p>	INFO
40.19	<p><u>Regulatory Matters Management</u></p> <p>Regulatory work is on schedule. Joint OLRT-C/RTM hours spent to date exceeded the 8000-hours provided in the PA. Additional hours are chargeable to the City. The City has been officially notified. The City expected this and is not surprised.</p>	INFO
48.12	<p><u>Stage 2</u></p> <p>Reviewed presentation made by Humberto.</p>	