

20 December 2016

City of Ottawa
 Rail Implementation Office
 110 Laurier Avenue West,
 Ottawa, ON, K1P 1J1
 Mail Code: 23-10

Our Reference:	RTG-OTT-10-2-LET-0347_Rev1
OLRT Reference:	OLR-RTG-10-2-LET-0624
Project Agreement Reference	PA Section 22

Attention: Steven Cripps
 Director, Rail Implementation Office

Subject: Mitigation Schedule – Sinkhole Event

Dear Mr. Cripps,

Revision 1: to adjust a small typo on the word Mitigation, and not Migration.

Following up on the Mitigation Plan submitted on November 30, 2016 (RTG-OTT-10-2-LET-0344), please find attached a letter from OLRTC that provides a Mitigation Schedule which aims to maintain the Required Revenue Service Availability Date of May 24, 2018.

As noted in OLRTC's letter, that the cooperation of both parties is essential to ensure the deployment and effective implementation of this Mitigation Schedule.

Notwithstanding the foregoing, RTG reserves all rights with respect to the Sinkhole Event whether at contract. Law or otherwise.

Yours truly,

Antonio Estrada, CEO
 Rideau Transit Group General Partnership

Cc.: Gary Craig, Claudio Colaiacovo, Richard Holder, Lorne Gray, Eugene Creamer, Humberto Ferrer, Tim Stewart, Roger Schmidt, Paul Tetreault, François Poirier, Eric Domeier, Gonzalo Gomeza, Dwayne Mercer, Peter Lauch



OLRT Constructors

1600 Carling Avenue,
Suite 450.
Ottawa, Ontario

Rideau Transit Group
1545 Carling Avenue, Suite 406
Ottawa, Ontario
K1Z 8P9

19 December 2016

Our Ref. :	OLR-RTG-10-2-LET-0624
Your Ref. :	
Project Agreement Ref.	

Attention: Antonio Estrada
Chief Executive Officer

Subject: **Mitigation Schedule – Sinkhole Event**

To follow up on our Mitigation Plan submitted to the City on November 30, 2016 (letter reference no. RTG-OTT-10-2-LET-0344) please find attached our Mitigation Schedule which aims to maintain the Required Revenue Service Availability Date of May 24, 2018. The Schedule will be submitted to the City in Primavera.

OLRT-C wishes to reiterate that the cooperation of both parties is essential to ensure the deployment and effective implementation of this Mitigation Schedule.

OLRT-C reserves all rights with respect to the Sinkhole Event whether at contract, law or otherwise.

Sincerely,

Eugene P. Creamer, P.Eng
Project Director
EPC/FP

Cc: Humberto Ferrer
Tim Stewart



Paul Tetreault
François Poirier
Gonzalo Gomeza
Peter Lauch
Roger Schmidt

		OLRT Constructors/Constructeurs - Confederation Line Project												OLRT PROJECT SCHEDULE REV 3 - Nov 2016																							
Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities														19-Dec-16																							
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018																			
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul									
1	OLRT PROJECT SCHEDULE REV 3 - Nov 2016					996	04-Jun-14 A	23-May-18	0																												
2	CONSTRUCTION					599	04-Jan-16 A	22-May-18	1																												
3	CIVIC WORKS					526	18-Apr-16 A	22-May-18	1																												
4	QUEEN ST RENEWAL					526	18-Apr-16 A	22-May-18	1																												
5	2016 Works					141	18-Apr-16 A	27-Oct-16 A																													
6	Section 1B 1-2 Bank Intersection Noth Side / Section 2A Lyon to TVS Shaft 75m E of Lyon					65	25-Jul-16 A	21-Oct-16 A																													
7	Queen St Renewal - 2016 Works					141	18-Apr-16 A	27-Oct-16 A																													
8	Queen St Renewal - 2016 Works Complete					0		27-Oct-16 A																													
9	Section 1B Kent Intersection North Side					69	21-Jul-16 A	27-Oct-16 A																													
10	2017 Works					149	18-Apr-17	17-Nov-17	1																												
11	Phase 2A - Bay to Kent - South Side - Including 1 Intersection					43	18-Apr-17	16-Jun-17	1																												
12	Phase 1B - Kent to Bank					4	14-Aug-17	17-Aug-17	65																												
13	Phase 2B - Mid Block O'Connor to- South Side - Including 1 Intersection					72	29-May-17	08-Sep-17	1																												
14	Phase 2A - Lyon to Kent - North Side - Including 1 Intersection					46	17-Jul-17	20-Sep-17	42																												
15	Phase 2B - Bank to Metcalfe - North Side					49	11-Sep-17	17-Nov-17	1																												
16	Queen St Renewal - 2017 Works					149	18-Apr-17	17-Nov-17	1																												
17	Queen St Renewal - 2017 Works Complete					0		17-Nov-17	1																												
18	2018 Works					23	19-Apr-18	22-May-18	1																												
19	Phase 2A and 2B					23	19-Apr-18	22-May-18	1																												
20	Queen St Renewal Complete					0		22-May-18	1																												
21	Queen St Renewal - 2018 Works					23	19-Apr-18	22-May-18	1																												
22	ROCK STABILIZATION WORK					104	28-Jun-16 A	24-Nov-16	188																												
23	Rock Stabilization Work					45	28-Jun-16 A	24-Nov-16	188																												
24	Install Wire Mesh, Concrete spot repairs					9	23-Aug-16 A	24-Nov-16	188																												
25	Rock Stabilization Work Complete					0		24-Nov-16	188																												
26	MSF & MSF CONNECTION TRACK CONSTRUCTION					539	08-Mar-16 A	30-Apr-18	16																												
27	MSF TRACKWORK					15	09-Mar-18	29-Mar-18	37																												
28	Maintenance and Storage Facility					15	09-Mar-18	29-Mar-18	37																												
29	MSF Building					15	09-Mar-18	29-Mar-18	37																												
30	MSF Building Track Installation Stage 3 - Start (After Train Production Complete)					0	09-Mar-18		37																												
31	MSF Building Track Installation Stage 3 - Completion					0		29-Mar-18	37																												
32	Track 15					15	09-Mar-18	29-Mar-18	37																												
33	MSF DEFERRED ITEMS & CONVERSION TO MAINTANANCE FACILITY					539	08-Mar-16 A	30-Apr-18	16																												
34	ALSTOM Demobilization					57	01-Dec-17	23-Feb-18	26																												
35	Group 3 Disassembly (DT3)					5	07-Dec-17	13-Dec-17	26																												
36	Group 2 Disassembly (DT2)					10	01-Dec-17	14-Dec-17	12																												

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 1 of 62

Remaining LOE

Actual LOE

Remaining Work

Actual Work

Milestone

Critical Work

Date

21-Jul-15

21-Apr-16

21-Nov-16

Revision

Rev.2.2

Rev.2.3

Rev.3.0

Checked

OLRT

OLRT

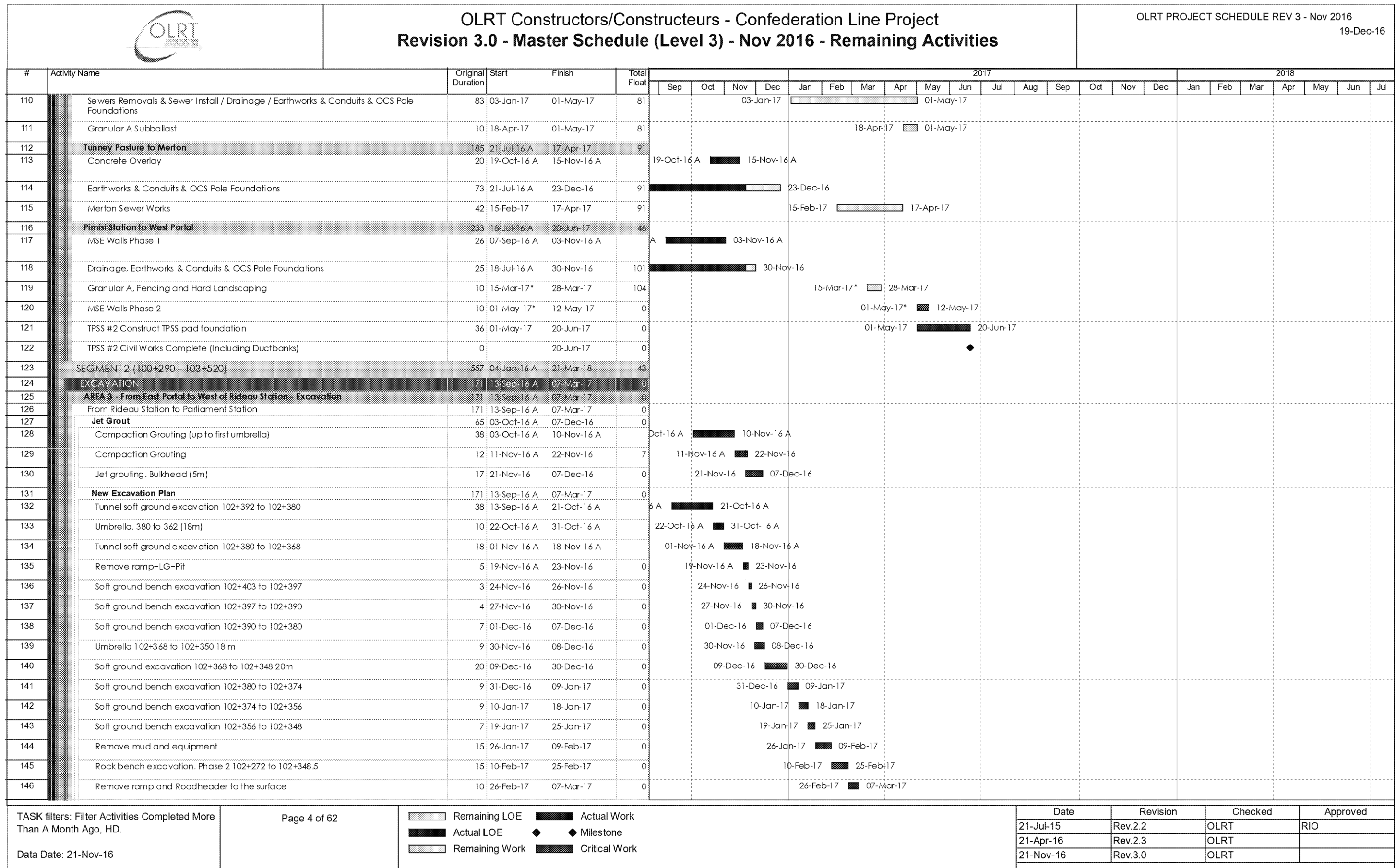
OLRT

Approved

RIO

		OLRT Constructors/Constructeurs - Confederation Line Project										OLRT PROJECT SCHEDULE REV 3 - Nov 2016															
		Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										19-Dec-16															
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
37	Group 1 Disassembly (DT1)	10	07-Dec-17	20-Dec-17	26														07-Dec-17		20-Dec-17						
38	Group 6 Disassembly (DT3)	5	14-Dec-17	20-Dec-17	26														14-Dec-17		20-Dec-17						
39	Group 7 Disassembly (DT2)	10	15-Dec-17	02-Jan-18	12														15-Dec-17		02-Jan-18						
40	Group 4 Disassembly (DT3)	10	21-Dec-17	08-Jan-18	26														21-Dec-17		08-Jan-18						
41	Group 5 Disassembly (DT1)	10	21-Dec-17	08-Jan-18	26														21-Dec-17		08-Jan-18						
42	Group 8 Disassembly (DT1)	5	09-Jan-18	15-Jan-18	26														09-Jan-18		15-Jan-18						
43	Group 9 Disassembly (DT3)	10	09-Jan-18	22-Jan-18	26														09-Jan-18		22-Jan-18						
44	Group 10 Disassembly (DT1)	5	17-Jan-18	23-Jan-18	26														17-Jan-18		23-Jan-18						
45	Finishing Touches for Demobilization	22	24-Jan-18	23-Feb-18	26														24-Jan-18		23-Feb-18						
46	ALSTOM Demobilisation from MSF	57	01-Dec-17	23-Feb-18	16														01-Dec-17		23-Feb-18						
47	ALSTOM Deferred List	92	15-Dec-17	30-Apr-18	16																						
48	Assembly Work Station Decommissioning	10	17-Jan-18	30-Jan-18	28														17-Jan-18		30-Jan-18						
49	Wheel Lathe Pit	35	08-Feb-18	29-Mar-18	22														08-Feb-18		29-Mar-18						
50	Bogie Wash	35	08-Feb-18	29-Mar-18	37														08-Feb-18		29-Mar-18						
51	Warehouse Storage	30	15-Feb-18	29-Mar-18	37														15-Feb-18		29-Mar-18						
52	MOW Overhead Crane	71	15-Dec-17	29-Mar-18	37														15-Dec-17		29-Mar-18						
53	Floor Drains	24	26-Feb-18	29-Mar-18	37														26-Feb-18		29-Mar-18						
54	Occupancy	20	02-Mar-18	29-Mar-18	37														02-Mar-18		29-Mar-18						
55	Building Management System (BMS)	11	15-Mar-18	29-Mar-18	37														15-Mar-18		29-Mar-18						
56	Remaining tracks 15 & 19	92	15-Dec-17	30-Apr-18	16														15-Dec-17		30-Apr-18						
57	Train Wash	92	15-Dec-17	30-Apr-18	16														15-Dec-17		30-Apr-18						
58	Friction Wheel Stops	29	20-Mar-18	30-Apr-18	16														20-Mar-18		30-Apr-18						
59	System Wide Items	447	11-Jul-16 A	20-Apr-18	22																						
60	Remaining OCS, Signals, Communication Systems	120	11-Jul-16 A	30-Dec-16	270					30-Dec-16																	
61	YCC Elements	20	02-Mar-17	29-Mar-17	41					02-Mar-17		29-Mar-17															
62	Sanding Bay	19	26-Mar-18	20-Apr-18	22														26-Mar-18		20-Apr-18						
63	Other - Contingent or peripheral work or not required	539	08-Mar-16 A	30-Apr-18	16																						
64	Testing & Commissioning Facility Systems	25	21-Dec-17	29-Jan-18	0														21-Dec-17		29-Jan-18						
65	Furniture	24	26-Feb-18	29-Mar-18	37														26-Feb-18		29-Mar-18						
66	Facility O&M Manuals, As-Builts, Training	518	08-Mar-16 A	29-Mar-18	37																						
67	Asphalt Paving	5	24-Apr-18	30-Apr-18	16																						
68	Landscaping	20	03-Apr-18	30-Apr-18	16																						
69	HWY 417 CONIRUCTION WORKS	40	31-Aug-17	27-Oct-17	142																						
70	Deferred Items	40	31-Aug-17	27-Oct-17	142																						
71	Lees Staging Area (landscaping)	40	31-Aug-17	27-Oct-17	122											31-Aug-17											
72	Mann Bus Chute (rehab and landscaping)	40	31-Aug-17	27-Oct-17	142											31-Aug-17											
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 2 of 62		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work												Date		Revision		Checked		Approved					
Data Date: 21-Nov-16																21-Jul-15		Rev.2.2		OLRT		RIO					
																21-Apr-16		Rev.2.3		OLRT							
																21-Nov-16		Rev.3.0		OLRT							

		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16															
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
73	Riverside access to Hurdman station (landscaping)	40	31-Aug-17	27-Oct-17	142											31-Aug-17				27-Oct-17							
74	GUIDEWAY CONSTRUCTION	557	04-Jan-16 A	21-Mar-16	41																						
75	SEGMENT 1 (98+06.5 - 100+31.5)	251	18-Jul-16 A	20-Jun-17	46																						
76	ACCESS & DETOURS	20	19-Oct-16 A	23-Nov-16	189																						
77	Sir John A Macdonald Parkway - Restoration	20	19-Oct-16 A	23-Nov-16	189	19-Oct-16 A			23-Nov-16																		
78	STRUCTURES	204	06-Sep-16 A	12-Apr-17	93																						
79	West Transit TWY Box Structure	49	21-Nov-16	31-Jan-17	36																						
80	West Transit TWY Box Structure - Interior Repairs	49	21-Nov-16	31-Jan-17	36		21-Nov-16			31-Jan-17																	
81	West Transit TWY Box Structure Completion	0		31-Jan-17	36																						
82	Bayview Rd Bridge	39	06-Sep-16 A	22-Nov-16	190																						
83	Mobilization and Removals	11	06-Sep-16 A	21-Oct-16 A		A			21-Oct-16 A																		
84	Ballast Walls and Deck Overlay	21	24-Oct-16 A	18-Nov-16 A		24-Oct-16 A			18-Nov-16 A																		
85	Transition Slabs and Demobilize	7	03-Nov-16 A	22-Nov-16	190		03-Nov-16 A		22-Nov-16																		
86	CPR Overpass	204	10-Oct-16 A	12-Apr-17	6																						
87	Super Structure - Lower Deck	30	10-Oct-16 A	30-Nov-16	6	10-Oct-16 A			30-Nov-16																		
88	Super Structure - Parapet Walls	30	14-Nov-16 A	08-Dec-16	6		14-Nov-16 A		08-Dec-16																		
89	RSS Walls West	30	07-Nov-16 A	12-Dec-16	6		07-Nov-16 A		12-Dec-16																		
90	RSS Walls East	30	21-Nov-16 A	19-Dec-16	6		21-Nov-16 A		19-Dec-16																		
91	Super Structure - North Platform (Form Platform)	30	17-Oct-16 A	23-Dec-16	6	17-Oct-16 A			23-Dec-16																		
92	Super Structure - South Platform (Form Platform)	30	17-Oct-16 A	23-Dec-16	6	17-Oct-16 A			23-Dec-16																		
93	Super Structure - Deck End West	11	09-Dec-16	23-Dec-16	6		09-Dec-16		23-Dec-16																		
94	Super Structure - Deck End East (Form & Rebar)	5	19-Dec-16	23-Dec-16	6		19-Dec-16		23-Dec-16																		
95	Winter Shutdown	43	28-Dec-16	28-Feb-17	6		28-Dec-16			28-Feb-17																	
96	Super Structure - Deck End East (Remaining Works)	17	01-Mar-17	23-Mar-17	6					01-Mar-17		23-Mar-17															
97	Transition West	19	01-Mar-17	27-Mar-17	6					01-Mar-17		27-Mar-17															
98	Super Structure - North Platform (Remaining Works)	31	01-Mar-17	12-Apr-17	6					01-Mar-17		12-Apr-17															
99	Super Structure - South Platform (Remaining Works)	31	01-Mar-17	12-Apr-17	6					01-Mar-17		12-Apr-17															
100	Transition East	12	28-Mar-17	12-Apr-17	6					28-Mar-17		12-Apr-17															
101	CPR Overpass Completion	0		12-Apr-17	6																						
102	GUIDEWAY	233	18-Jul-16 A	20-Jun-17	46																						
103	Segment 1 - Guideway Construction Completion	0		01-May-17	81																						
104	Preston to Bayview Station	8	21-Sep-16 A	18-Nov-16 A																							
105	Fencing and Hard Landscaping	8	21-Sep-16 A	18-Nov-16 A		16 A			18-Nov-16 A																		
106	Preston to Primisi Station	4	24-Oct-16 A	18-Nov-16 A																							
107	Fencing and Hard Landscaping	4	24-Oct-16 A	18-Nov-16 A		24-Oct-16 A			18-Nov-16 A																		
108	Merton to Bayview Station	111	21-Nov-16	01-May-17	81																						
109	Sawcut Sidewalk & Parapet	21	21-Nov-16	19-Dec-16	81		21-Nov-16		19-Dec-16																		
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 3 of 62		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work										Date		Revision	Checked	Approved									
Data Date: 21-Nov-16														21-Jul-15		Rev.2.2	OLRT	RIO									
														21-Apr-16		Rev.2.3	OLRT										
														21-Nov-16		Rev.3.0	OLRT										



		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16																													
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018																							
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul													
147	FINAL LINING	283	04-May-16 A	05-Jul-17	28																																				
148	Tunnel Final Lining	251	01-Sep-16 A	07-Jun-17	47																																				
149	Area 1	161	26-Sep-16 A	27-Jan-17	137																																				
150	Tunnel - Invert Slab - From West Portal to Lyon Station	41	26-Sep-16 A	25-Oct-16 A		26-Sep-16 A			25-Oct-16 A																																
151	Tunnel - Conduits - From West Portal to Lyon Station	33	02-Dec-16	06-Jan-17	23			02-Dec-16		06-Jan-17																															
152	Tunnel - Conduits - From Lyon Station to Intermediate Shaft	15	09-Jan-17	27-Jan-17	15				09-Jan-17		27-Jan-17																														
153	Area 2	192	01-Sep-16 A	07-Jun-17	6																																				
154	Tunnel 101 (Intermediate Shaft to Parliament)	86	03-Jan-17	04-May-17	11																																				
155	Tunnel - Intermediate Shaft Area Arch Lining (Phase 1)	24	03-Jan-17	03-Feb-17	0				03-Jan-17		03-Feb-17																														
156	Tunnel - Invert Slab - From Intermediate Shaft to Parliament Station	10	06-Feb-17	17-Feb-17	0				06-Feb-17		17-Feb-17																														
157	Tunnel - Conduits - From Intermediate Shaft to Parliament Station	10	21-Feb-17	06-Mar-17	0					21-Feb-17		06-Mar-17																													
158	Tunnel - Intermediate Shaft Area Arch Lining (Phase 2)	42	07-Mar-17	04-May-17	11					07-Mar-17				04-May-17																											
159	Tunnel 102 (Parliament to Rideau)	272	01-Sep-16 A	07-Jun-17	8																																				
160	Tunnel - First 30m of Drained Tunnel (101.741 - 101.769)	36	26-Oct-16 A	30-Nov-16	0	26-Oct-16 A			30-Nov-16																																
161	Tunnel - Shotcrete on Invert & Waterproofing & Mud Slab (101.831 - 102.210)	97	01-Sep-16 A	08-Dec-16	14				08-Dec-16																																
162	Tunnel - First 91m of Drained Tunnel (101.769 - 101.860)	48	01-Dec-16	20-Jan-17	0			01-Dec-16		20-Jan-17																															
163	Tunnel - Undrained Tunnel (101.860 - 102.210) - Phase 1	92	23-Dec-16	28-Mar-17	0				23-Dec-16				28-Mar-17																												
164	Tunnel - Shotcrete on Invert & Waterproofing & Mud Slab (101.210 - 102.403)	35	10-Mar-17	13-Apr-17	0					10-Mar-17		13-Apr-17																													
165	Tunnel - Undrained Tunnel (101.741 - 102.210) - Invert Slab	34	17-Mar-17	20-Apr-17	0					17-Mar-17		20-Apr-17																													
166	Tunnel - Undrained Tunnel (101.741 - 102.210) - Conduits	30	04-Apr-17	04-May-17	5					04-Apr-17		04-May-17																													
167	Tunnel - Undrained Tunnel (101.210 - 102.403) - Phase 2	37	15-Apr-17	21-May-17	0					15-Apr-17		21-May-17																													
168	Tunnel - Undrained Tunnel (101.210 - 102.403) - Formwork Removal	10	23-May-17	01-Jun-17	0						23-May-17		01-Jun-17																												
169	Tunnel - Undrained Tunnel (101.210 - 102.403) - Conduits	16	16-May-17	01-Jun-17	0						16-May-17		01-Jun-17																												
170	Tunnel - Undrained Tunnel (101.210 - 102.403) - Invert Slab	30	08-May-17	07-Jun-17	8						08-May-17		07-Jun-17																												
171	Area 3	36	26-Apr-17	01-Jun-17	0																																				
172	Tunnel - From Rideau Station to East Portal - Invert Slab	28	26-Apr-17	24-May-17	0					26-Apr-17		24-May-17																													
173	Tunnel - From Rideau Station to East Portal - Conduits	22	10-May-17	01-Jun-17	0					10-May-17		01-Jun-17																													
174	Station Final Lining	283	04-May-16 A	05-Jul-17	0																																				
175	Lyon Station	157	04-May-16 A	04-Jan-17	30																																				
176	Lyon Station Final Lining - End Wall Lower Level	49	15-Aug-16 A	25-Oct-16 A					25-Oct-16 A																																
177	Lyon Station Final Lining - Transition Final Lining (East)	11	24-Oct-16 A	07-Nov-16 A		24-Oct-16 A			07-Nov-16 A																																
178	Lyon Station Final Lining - Arch Lining	116	23-May-16 A	08-Nov-16 A					08-Nov-16 A																																
179	Transition West Shotcrete Final Lining Walls Deck 9	3	08-Nov-16 A	11-Nov-16 A				08-Nov-16 A		11-Nov-16 A																															
180	Lyon Station Final Lining - End Wall Upper Level	9	01-Nov-16 A	12-Nov-16 A				01-Nov-16 A		12-Nov-16 A																															
181	Lyon Station Final Lining - Intermediate Slab	138	04-May-16 A	25-Nov-16	20				25-Nov-16																																
182	Lyon Station Final Lining - Arch Formwork Disassembly and Transfer	8	09-Nov-16 A	01-Dec-16	16			09-Nov-16 A		01-Dec-16																															
183	Transition West Shotcrete Final Lining Arch	10	15-Dec-16	30-Dec-16	21				15-Dec-16		30-Dec-16																														
184	Lyon Station Final Lining - Steel Pillars Installation	21	02-Dec-16	04-Jan-17	30			02-Dec-16		04-Jan-17																															
185	Parliament Station	321	08-Jun-16 A	03-May-17	0																																				
TASK filters: Filter Activities Completed More Than A Month Ago, HD.						Page 5 of 62												Remaining LOE Actual LOE Remaining Work				Actual Work Milestone Critical Work				Date 21-Jul-15 21-Apr-16 21-Nov-16				Revision Rev.2.2 Rev.2.3 Rev.3.0				Checked OLRT OLRT OLRT				Approved RIO			
Data Date: 21-Nov-16																																									

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

TASK filters: Filter Activities Completed More Than A Month Ago, HD. Data Date: 21-Nov-16	Page 6 of 62	Remaining LOE Actual Work Actual LOE Milestone Remaining Work Critical Work	Date	Revision	Checked	Approved
			21-Jul-15	Rev.2.2	OLRT	RIO
			21-Apr-16	Rev.2.3	OLRT	
			21-Nov-16	Rev.3.0	OLRT	



OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018										
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
222	Lyon Station East TVS Shaft - First Stage Walls + Adit	18	25-Jan-17	17-Feb-17	26				25-Jan-17			17-Feb-17																
223	Lyon Station East TVS Shaft - Shaft Walls 1	11	21-Feb-17	07-Mar-17	26					21-Feb-17		07-Mar-17																
224	Lyon Station East TVS Shaft - Shaft Walls 2	12	02-Mar-17	17-Mar-17	26					02-Mar-17		17-Mar-17																
225	Lyon Station East TVS Shaft - Shaft Walls 3	12	15-Mar-17	30-Mar-17	26					15-Mar-17		30-Mar-17																
226	Lyon Station East TVS Shaft - Shaft Wall Final Grade	12	31-Mar-17	18-Apr-17	26					31-Mar-17		18-Apr-17																
227	Lyon Station East TVS Shaft - Reinstatements & Final Works	20	19-Apr-17	16-May-17	26						19-Apr-17		16-May-17															
228	Lyon Station East Entrance (Place de Ville Entry)	313	04-Mar-16 A	01-Jun-17	26																							
229	Lyon Station East Entrance-Structural Construction - Tenant Improvements - Mechanical	92	24-Jun-16 A	04-Nov-16 A					04-Nov-16 A																			
230	Lyon Station East Entrance-Structural Construction - Garage Levels - P1	54	12-Sep-16 A	25-Nov-16	26	6 A			25-Nov-16																			
231	Lyon Station East Entrance-Structural Construction - Tenant Improvements - Electrical	69	31-Oct-16 A	07-Feb-17	22		31-Oct-16 A				07-Feb-17																	
232	Lyon Station East Entrance-Structural Construction - Retail Concourse Level	247	04-Mar-16 A	27-Feb-17	26						27-Feb-17																	
233	Lyon Station East Entrance-Structural Construction - Tenant Improvements - Finishings	28	24-Jan-17	03-Mar-17	22				24-Jan-17		03-Mar-17																	
234	Lyon Station East Entrance-Structural Construction - Ground Level	200	24-Jun-16 A	11-Apr-17	26						11-Apr-17																	
235	Lyon Station East Entrance-Structural Construction - Roof for Entrance	20	12-Apr-17	10-May-17	26						12-Apr-17		10-May-17															
236	Lyon Station East Entrance-Structural Construction - Elevator & Escalators	81	30-Jan-17	25-May-17	26				30-Jan-17			25-May-17																
237	Lyon Station East Entrance - Architectural Works (Mirror Activity-Details Check Architectural Finishing Section)	62	06-Mar-17	01-Jun-17	26					06-Mar-17		01-Jun-17																
238	Lyon Station West Entrance	219	18-Aug-16 A	30-Jun-17	223																							
239	Lyon Station West Entrance - Knee Wall + Mid Level Landing	22	30-Sep-16 A	01-Nov-16 A			30-Sep-16 A		01-Nov-16 A																			
240	Lyon Station West Entrance - Stairwell + Escalator Supports LL	41	12-Sep-16 A	08-Nov-16 A		6 A			08-Nov-16 A																			
241	Lyon Station West Entrance - Slab on Grade/Knee walls	53	06-Sep-16 A	18-Nov-16 A		A			18-Nov-16 A																			
242	Lyon Station West Entrance - Wall 1st Stage + UL Escalator Pit	65	18-Aug-16 A	18-Nov-16 A					18-Nov-16 A																			
243	Lyon Station West Entrance - Walls at Mid Level Stairs + 2nd Stage "A"	42	21-Sep-16 A	18-Nov-16 A		16 A			18-Nov-16 A																			
244	Lyon Station West Entrance - Walls at Mid Level Stairs + 2nd Stage "B"	40	23-Sep-16 A	18-Nov-16 A		9-16 A			18-Nov-16 A																			
245	Lyon Station West Entrance - Stairs + Escalator Supports Suspended	20	14-Nov-16 A	09-Dec-16	57		14-Nov-16 A		09-Dec-16																			
246	Lyon Station West Entrance - Walls to Main at South Side, Along Stair Well	31	02-Dec-16	18-Jan-17	57			02-Dec-16		18-Jan-17																		
247	Lyon Station West Entrance - Connection to Tunnel	100	16-Nov-16 A	10-Feb-17	22		16-Nov-16 A		10-Feb-17																			
248	Lyon Station West Entrance - Stairwell Landing Roof + Station Floor	24	10-Mar-17	12-Apr-17	22					10-Mar-17		12-Apr-17																
249	Lyon Station West Entrance - Stairwell Roof Slab continued	21	31-Mar-17	01-May-17	22					31-Mar-17		01-May-17																
250	Lyon Station West Entrance - Station Entrance Walls full/Knee	13	18-Apr-17	04-May-17	22						18-Apr-17		04-May-17															
251	Lyon Station West Entrance - Backfill New Structure + Prep for Traffic Flip	8	02-May-17	11-May-17	22						02-May-17		11-May-17															
252	Lyon Station West Entrance - Roof Slab Station Entrance	25	02-May-17	06-Jun-17	22						02-May-17		06-Jun-17															
253	Lyon Station West Entrance - Remove Phase 1 Temp TC Bridge (24hrs)	17	12-May-17	06-Jun-17	22						12-May-17		06-Jun-17															
254	Lyon Station West Entrance - Reinstatements & Final Works & Streetscape	22	12-May-17	13-Jun-17	22						12-May-17		13-Jun-17															
255	Lyon Station West Entrance - Architectural Works (Mirror Activity-Details Check Architectural Finishing Section)	58	10-Apr-17	30-Jun-17	22						10-Apr-17		30-Jun-17															

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Data Date: 21-Nov-16

Page 7 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
256	Lyon HVAC Shaft	350	11-Jan-16 A	31-May-17	21																						
257	Lyon Station HVAC Shaft - Shoring / Excavation	249	11-Jan-16 A	05-Jan-17	21					05-Jan-17																	
258	Lyon Station HVAC Shaft - Initial Works & Mobilisation for Construction - New Concrete Construction	3	06-Jan-17	10-Jan-17	21				06-Jan-17	10-Jan-17																	
259	Lyon Station HVAC Shaft - Water Proofing	15	10-Jan-17	30-Jan-17	21				10-Jan-17	30-Jan-17																	
260	Lyon Station HVAC Shaft - Tunnel Connection Walls	16	27-Jan-17	17-Feb-17	21				27-Jan-17	17-Feb-17																	
261	Lyon Station HVAC Shaft - First Stage Walls	16	14-Feb-17	08-Mar-17	21				4-Feb-17	08-Mar-17																	
262	Lyon Station HVAC Shaft - Angled Walls Stage 1	15	03-Mar-17	23-Mar-17	21				03-Mar-17	23-Mar-17																	
263	Lyon Station HVAC Shaft - Angled Walls Stage 2	13	20-Mar-17	05-Apr-17	21				20-Mar-17	05-Apr-17																	
264	Lyon Station HVAC Shaft - Upper Tall Walls	16	03-Apr-17	25-Apr-17	21				03-Apr-17	25-Apr-17																	
265	Lyon Station HVAC Shaft - Final Tall Walls	14	21-Apr-17	10-May-17	21				21-Apr-17	10-May-17																	
266	Lyon Station HVAC Shaft - Reinstatements & Final Works	22	01-May-17	31-May-17	21				01-May-17	31-May-17																	
267	Lyon West TVS Shaft	115	03-Jan-17	15-Jun-17	21																						
268	Lyon Station West TVS Shaft - Rock Removal, Rock Shoring Breakthrough	10	03-Jan-17	16-Jan-17	21			03-Jan-17	16-Jan-17																		
269	Lyon Station West TVS Shaft - Water Proofing	11	05-Jan-17	19-Jan-17	21			05-Jan-17	19-Jan-17																		
270	Lyon Station West TVS Shaft - TVS Base + Tunnel Arch walls	20	20-Jan-17	16-Feb-17	21			20-Jan-17	16-Feb-17																		
271	Lyon Station West TVS Shaft - TVS First Stage Walls + Adit	21	13-Feb-17	14-Mar-17	21				13-Feb-17	14-Mar-17																	
272	Lyon Station West TVS Shaft - TVS Shaft Walls 1	13	13-Mar-17	29-Mar-17	21				13-Mar-17	29-Mar-17																	
273	Lyon Station West TVS Shaft - TVS Shaft Walls 2	13	30-Mar-17	18-Apr-17	21				30-Mar-17	18-Apr-17																	
274	Lyon Station West TVS Shaft - TVS Shaft Walls 3	13	19-Apr-17	05-May-17	21				19-Apr-17	05-May-17																	
275	Lyon Station West TVS Shaft - TVS Shaft Wall Final Grade	16	08-May-17	30-May-17	21				08-May-17	30-May-17																	
276	Lyon Station West TVS Shaft - Reinstatements & Final Works	22	16-May-17	15-Jun-17	21				16-May-17	15-Jun-17																	
277	Parliament Station Entrances, Utilities, Ventilation Shafts	542	04-Jan-16 A	28-Feb-18	58																						
278	East TVS Shaft	105	01-Nov-16 A	31-Mar-17	20																						
279	Parliament Station - East TVS Shaft - Rock Excavation	37	01-Nov-16 A	30-Dec-16	20	01-Nov-16 A				30-Dec-16																	
280	Parliament Station - East TVS Shaft - Tunnel South, West and East Walls	8	03-Jan-17	12-Jan-17	20			03-Jan-17	12-Jan-17																		
281	Parliament Station - East TVS Shaft - Lower Level perimeter Walls	9	11-Jan-17	23-Jan-17	20				11-Jan-17	23-Jan-17																	
282	Parliament Station - East TVS Shaft - Mid Level perimeter Walls	18	19-Jan-17	13-Feb-17	20				19-Jan-17	13-Feb-17																	
283	Parliament Station - East TVS Shaft - South top slab	6	07-Feb-17	14-Feb-17	20				07-Feb-17	14-Feb-17																	
284	Parliament Station - East TVS Shaft - Top street level walls	7	13-Feb-17	22-Feb-17	20				13-Feb-17	22-Feb-17																	
285	Parliament Station - East TVS Shaft - Pipe Roof Break through + Connection	19	22-Feb-17	20-Mar-17	20				22-Feb-17	20-Mar-17																	
286	Parliament Station - East TVS Shaft - Reinstatements & Final Works	22	02-Mar-17	31-Mar-17	20				02-Mar-17	31-Mar-17																	
287	East Entrance	331	03-Oct-16 A	28-Feb-18	58																						
288	Parliament Station East Entrance - On the street - Rock Excavation	59	03-Oct-16 A	02-Dec-16	0	03-Oct-16 A				02-Dec-16																	
289	Parliament Station East Entrance - Structural Works - Moreguard	59	03-Oct-16 A	16-Dec-16	3	03-Oct-16 A				16-Dec-16																	
290	Parliament Station East Entrance - On the street - Structural - Mud Slab, Waterproofing	13	05-Dec-16	21-Dec-16	0			05-Dec-16	21-Dec-16																		
291	Parliament Station East Entrance - On the street - Structural - Stairs/Escalator/Pit Slab on Grade	5	22-Dec-16	30-Dec-16	0			22-Dec-16	30-Dec-16																		

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Data Date: 21-Nov-16

Page 8 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

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21-Jul-15	Rev.2.2	OLRT	RIO
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018								
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
292	Parliament Station East Entrance - On the street - Structural - Stair/Escalator Lower Pit Walls	7	03-Jan-17	11-Jan-17	0				03-Jan-17	11-Jan-17																
293	Parliament Station East Entrance - On the street - Structural - Lower Stair/Escalator Ramp	17	12-Jan-17	03-Feb-17	0				12-Jan-17	03-Feb-17																
294	Parliament Station East Entrance - On the street - Structural - Upper Stair/Escalator Ramp	17	02-Feb-17	27-Feb-17	0				02-Feb-17	27-Feb-17																
295	Parliament Station East Entrance - On the street - Structural - Upper Escalator Pit Slab	8	28-Feb-17	09-Mar-17	0				28-Feb-17	09-Mar-17																
296	Parliament Station East Entrance - On the street - Structural - Retail Concourse Stair Slab Stg1	22	10-Mar-17	10-Apr-17	0				10-Mar-17	10-Apr-17																
297	Parliament Station East Entrance - On the street - Structural - Retail Concourse Stair Slab Stg2	21	27-Mar-17	25-Apr-17	0				27-Mar-17	25-Apr-17																
298	Parliament Station East Entrance - On the street - Structural - Fish mouth Roof Stair/Escalator	25	19-Apr-17	24-May-17	0				19-Apr-17	24-May-17																
299	Parliament Station East Entrance - On the street - Structural - All Remaining Walls East, North, South and West	27	26-Apr-17	02-Jun-17	0				26-Apr-17	02-Jun-17																
300	Parliament Station East Entrance - On the street - Structural - Escalator/Stair Roof + Vent Shaft Opening	27	02-May-17	08-Jun-17	0				02-May-17	08-Jun-17																
301	Parliament Station East Entrance - On the street - Structural - Vent Shaft coping	16	09-Jun-17	30-Jun-17	0				09-Jun-17	30-Jun-17																
302	Parliament Station East Entrance - On the street - Structural - Roof Slab Pour 1	16	26-Jun-17	18-Jul-17	0				26-Jun-17	18-Jul-17																
303	Parliament Station East Entrance - On the street - Structural - Roof Slab Pour 2	22	04-Jul-17	02-Aug-17	0				04-Jul-17	02-Aug-17																
304	Parliament Station East Entrance - On the street - Reinstatements & Final Works	22	03-Aug-17	05-Sep-17	58				03-Aug-17	05-Sep-17																
305	Parliament Station East Entrance Architectural Works (Mirror Activity-Details Check Architectural Finishing Section)	143	03-Aug-17	28-Feb-18	58				03-Aug-17	28-Feb-18																
306	Mid Entrance	211	27-Apr-17	28-Feb-18	58																					
307	Parliament Station - Mid Entrance - Remaining Soft & Rock Excavation Tunnel Breakthrough	34	27-Apr-17	31-May-17	0				27-Apr-17	31-May-17																
308	Parliament Station - Mid Entrance - Waterproofing	11	01-Jun-17	15-Jun-17	0				01-Jun-17	15-Jun-17																
309	Parliament Station - Mid Entrance - Structural Works - Lower Walls	11	16-Jun-17	30-Jun-17	0				16-Jun-17	30-Jun-17																
310	Parliament Station - Mid Entrance - Structural Works - Mid Level Slab	9	04-Jul-17	14-Jul-17	0				04-Jul-17	14-Jul-17																
311	Parliament Station - Mid Entrance - Structural Works - Upper Walls	13	17-Jul-17	02-Aug-17	0				17-Jul-17	02-Aug-17																
312	Parliament Station - Mid Entrance - Structural Works - Upper Level Slab	9	03-Aug-17	16-Aug-17	0				03-Aug-17	16-Aug-17																
313	Parliament Station - Mid Entrance - Structural Works - Grade Level Walls	12	17-Aug-17	01-Sep-17	0				17-Aug-17	01-Sep-17																
314	Parliament Station - Mid Entrance - Structural Works - Roof Slab	24	05-Sep-17	06-Oct-17	0				05-Sep-17	06-Oct-17																
315	Parliament Station - Mid Entrance - Reinstatements & Final Works	22	19-Sep-17	19-Oct-17	71				19-Sep-17	19-Oct-17																
316	Parliament Station - Mid Entrance - Architectural Works (Mirror Activity-Details Check Architectural Finishing Section)	98	10-Oct-17	28-Feb-18	58				10-Oct-17	28-Feb-18																
317	West Entrance - Sunlife Access	542	04-Jan-16 A	28-Feb-18	58																					
318	Parliament Station - West Entrance - Sunlife Access - Concrete Works	166	04-Jan-16 A	16-Dec-16	58				16-Dec-16																	
319	Parliament Station - West Entrance - Sunlife Access - Reinstatements & Final Works	22	19-Dec-16	20-Jan-17	58			19-Dec-16	20-Jan-17																	
320	Parliament Station - West Entrance-Architectural Works (Mirror Activity-Details Check Architectural Finishing Section)	277	23-Jan-17	28-Feb-18	58				23-Jan-17	28-Feb-18																
321	West Entrance - On the Street	250	02-Mar-17	28-Feb-18	58																					

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Data Date: 21-Nov-16

Page 9 of 62

Remaining LOE
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 Actual LOE
 Milestone
 Remaining Work
 Critical Work

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21-Jul-15	Rev.2.2	OLRT	RIO
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
322	Parliament Station - West Entrance - On the Street - Remaining Soft & Rock Excavation Tunnel Breakthrough	45	02-Mar-17	16-Apr-17	0						02-Mar-17																		
323	Parliament Station - West Entrance - On the Street - Mud Slab & Waterproofing	13	17-Apr-17	03-May-17	0								17-Apr-17																
324	Parliament Station - West Entrance - On the Street - Vent Shaft Base Pit Slab	9	04-May-17	16-May-17	0								04-May-17																
325	Parliament Station - West Entrance - On the Street - Vent Shaft Walls	14	17-May-17	06-Jun-17	0								17-May-17																
326	Parliament Station - West Entrance - On the Street - Base Slab	7	07-Jun-17	15-Jun-17	0								07-Jun-17																
327	Parliament Station - West Entrance - On the Street - Stairs and Escalator Slabs	16	16-Jun-17	10-Jul-17	0								16-Jun-17																
328	Parliament Station - West Entrance - On the Street - North and South Walls	19	11-Jul-17	04-Aug-17	0								11-Jul-17																
329	Parliament Station - West Entrance - On the Street - East Wall	15	08-Aug-17	28-Aug-17	0								08-Aug-17																
330	Parliament Station - West Entrance - On the Street - West Wall	12	29-Aug-17	14-Sep-17	0								29-Aug-17																
331	Parliament Station - West Entrance - On the Street - Connection With Inside Entrance	19	21-Sep-17	18-Oct-17	60																								
332	Parliament Station - West Entrance - On the Street - Roof Structure	25	15-Sep-17	20-Oct-17	0																								
333	Parliament Station - West Entrance - On the Street - Reinstatements & Final Works	22	05-Oct-17	06-Nov-17	80																								
334	Parliament Station - West Entrance-Architectural Works (Mirror Activity-Details Check Architectural Finishing Section)	89	23-Oct-17	28-Feb-18	58																								
335	West TVS Shaft	110	03-Apr-17	08-Sep-17	20																								
336	Parliament Station - West TVS Shaft - Excavation Rock	12	03-Apr-17	19-Apr-17	20								03-Apr-17																
337	Parliament Station - West TVS Shaft - Mud Slab & Waterproofing	12	20-Apr-17	05-May-17	20								20-Apr-17																
338	Parliament Station - West TVS Shaft - Tunnel Connection	27	20-Apr-17	29-May-17	20								20-Apr-17																
339	Parliament Station - West TVS Shaft - Base Slab	6	30-May-17	06-Jun-17	20								30-May-17																
340	Parliament Station - West TVS Shaft - Tunnel Entrance Arch	17	07-Jun-17	29-Jun-17	20								07-Jun-17																
341	Parliament Station - West TVS Shaft - Lower Level perimeter Walls	13	21-Jun-17	10-Jul-17	20								21-Jun-17																
342	Parliament Station - West TVS Shaft - Mid Level perimeter Walls	15	05-Jul-17	25-Jul-17	20								05-Jul-17																
343	Parliament Station - West TVS Shaft - Upper Level perimeter Walls	11	24-Jul-17	08-Aug-17	20								24-Jul-17																
344	Parliament Station - West TVS Shaft - Reinstatements & Final Works	22	09-Aug-17	08-Sep-17	20								09-Aug-17																
345	Rideau Station Entrances, Utilities, Ventilation Shafts	420	05-Apr-16 A	04-Dec-17	0																								
346	East Entrance	375	08-Jun-16 A	04-Dec-17	0																								
347	Rideau Station East Entrance Structural Works	198	08-Jun-16 A	15-May-17	0																								
348	Rideau Station East Entrance Backfill & Streetscaping	27	16-May-17	22-Jun-17	0								16-May-17																
349	Rideau Station East Entrance Adit Mining & Concrete Works	65	05-May-17	08-Aug-17	0								05-May-17																
350	Rideau Station East Entrance Architectural Works (Mirror Activity-Details Check Architectural Finishing Section)	140	16-May-17	04-Dec-17	0								16-May-17																
351	Mid Entrance	356	09-May-16 A	06-Oct-17	0																								
352	Rideau Station Centre Elevator Entrance - Structural Works	107	09-May-16 A	30-Nov-16	125																								
353	Rideau Station Centre Elevator Entrance - Architectural Works (Mirror Activity)	60	13-Jul-17	06-Oct-17	0																								
354	Rideau HVAC Shaft	114	15-Nov-16 A	28-Apr-17	31																								
355	Rideau Station HVAC Shaft - Shoring & Soft Ground Excavation	26	15-Nov-16 A	20-Dec-16	31								15-Nov-16 A																
356	Rideau Station HVAC Shaft - Hard Ground Excavation	20	21-Dec-16	20-Jan-17	31								21-Dec-16																

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Data Date: 21-Nov-16

Page 10 of 62

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 Remaining Work
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19-Dec-16

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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
357	Rideau Station HVAC Shaft - Concrete Works	46	23-Jan-17	28-Mar-17	31				23-Jan-17				28-Mar-17																
358	Rideau Station HVAC Shaft - Backfill & Finishing Works	22	29-Mar-17	28-Apr-17	31						29-Mar-17		28-Apr-17																
359	Rideau West TVS Shaft	92	25-Jul-17	04-Dec-17	0																								
360	Rideau Station TVS Shaft - Shoring Mobilisation & Shoring Installation	22	25-Jul-17	24-Aug-17	0									25-Jul-17		24-Aug-17													
361	Rideau Station TVS Shaft - Excavation	20	25-Aug-17	22-Sep-17	0										25-Aug-17		22-Sep-17												
362	Rideau Station TVS Shaft - Concrete Works	35	25-Sep-17	13-Nov-17	0										25-Sep-17		13-Nov-17												
363	Rideau Station TVS Shaft - Backfill & Finishing Works	15	14-Nov-17	04-Dec-17	0											14-Nov-17		04-Dec-17											
364	West Entrance	420	05-Apr-16 A	04-Dec-17	0																								
365	Rideau Station West Entrance - Structural Works - Stage 1	184	05-Apr-16 A	23-Dec-16	47				23-Dec-16																				
366	Rideau Station West Entrance - Escalator excavation - Phase 1	40	03-Jan-17	28-Feb-17	44			03-Jan-17		28-Feb-17																			
367	Rideau Station West Entrance - Escalator excavation - Phase 2	15	06-Jul-17	26-Jul-17	0								06-Jul-17		26-Jul-17														
368	Rideau Station West Entrance - Structural Works - Stage 2	80	02-May-17	24-Aug-17	0						02-May-17			24-Aug-17															
369	Rideau Station West Entrance - Architectural Works (Mirror Activity)	70	25-Aug-17	04-Dec-17	0									25-Aug-17		04-Dec-17													
370	PORTALS CONSTRUCTION	552	16-Aug-16 A	21-Mar-18	12																								
371	East Portal	239	16-Aug-16 A	27-Jul-17	125																								
372	U-Trench Section	175	16-Aug-16 A	26-Apr-17	129																								
373	East Portal - U Trench East Side Sheet Piling	56	16-Aug-16 A	03-Nov-16 A				03-Nov-16 A																					
374	East Portal - U Trench Sump Pit Sheet Piling	4	04-Nov-16 A	10-Nov-16 A			04-Nov-16 A	10-Nov-16 A																					
375	East Portal - U Trench Excavation & Water /TBs	34	11-Nov-16 A	30-Dec-16	6		11-Nov-16 A	30-Dec-16																					
376	East Portal - U Trench Foundation Slab 103.471-103.262	44	16-Dec-16	21-Feb-17	6		16-Dec-16	21-Feb-17																					
377	East Portal - U Trench Walls 103.471-103.262	44	25-Jan-17	28-Mar-17	6		25-Jan-17	28-Mar-17																					
378	East Portal - U Trench Conduits 103.471-103.262	39	17-Feb-17	13-Apr-17	6		17-Feb-17	13-Apr-17																					
379	East Portal - U Trench Jersey Barrier 103.471-103.262	34	09-Mar-17	26-Apr-17	129		09-Mar-17	26-Apr-17																					
380	Arch Section	123	01-Feb-17	27-Jul-17	125																								
381	East Portal - Arch Section Excavation & Water /TBs	28	01-Feb-17	13-Mar-17	6		01-Feb-17	13-Mar-17																					
382	East Portal - MudSlab, Drainage, Insulation, Waterproofing	20	14-Mar-17	10-Apr-17	6		14-Mar-17	10-Apr-17																					
383	East Portal - Invert Slab	18	28-Mar-17	21-Apr-17	6		28-Mar-17	21-Apr-17																					
384	East Portal - Starter Walls	20	11-Apr-17	09-May-17	6		11-Apr-17	09-May-17																					
385	East Portal - Arch Final Lining	25	03-May-17	07-Jun-17	6		03-May-17	07-Jun-17																					
386	East Portal - Arch Section Conduits	15	17-May-17	07-Jun-17	6		17-May-17	07-Jun-17																					
387	East Portal - Soil Refill, Landscaping	35	08-Jun-17	27-Jul-17	125		08-Jun-17	27-Jul-17																					
388	Intermediate Shaft	40	24-Jan-18	21-Mar-18	12																								
389	Fill Intermediate Shaft	40	24-Jan-18	21-Mar-18	12														24-Jan-18		21-Mar-18								
390	West Portal	331	28-Oct-16 A	03-May-17	124																								
391	West Portal - Central Drainage and Mud Slab	44	08-Nov-16 A	28-Nov-16	29		08-Nov-16 A	28-Nov-16																					
392	West Portal - Excavation Completion including Sump Pit, Manhole	12	18-Nov-16 A	08-Dec-16	29		18-Nov-16 A	08-Dec-16																					
393	West Portal - Sub Invert	31	01-Dec-16	17-Jan-17	29		01-Dec-16	17-Jan-17																					
394	West Portal - Starter Wall	38	30-Nov-16	25-Jan-17	29		30-Nov-16	25-Jan-17																					

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 11 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018										
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
395	West Portal - Invert Slab	24	12-Jan-17	14-Feb-17	37				12-Jan-17			14-Feb-17																
396	West Portal - Arch Formwork Delivery	80	28-Oct-16 A	15-Feb-17	4	28-Oct-16 A						15-Feb-17																
397	West Portal - Remove Shoring, de-tension tie backs and back fill behind starter wall	6	15-Feb-17	23-Feb-17	172					15-Feb-17		23-Feb-17																
398	West Portal - Arch Final Lining	35	02-Feb-17	23-Mar-17	4				02-Feb-17			23-Mar-17																
399	West Portal - Conduits	15	16-Mar-17	05-Apr-17	17					16-Mar-17		05-Apr-17																
400	West Portal - Retainin Wall	15	17-Mar-17	06-Apr-17	4					17-Mar-17		06-Apr-17																
401	West Portal - Storm & Sanitary Pipe to Comissioner Start	7	29-Mar-17	06-Apr-17	142					29-Mar-17		06-Apr-17																
402	West Portal - Remove Shoring, de-tension tie backs and back fill behind arch Lining	10	24-Mar-17	06-Apr-17	142					24-Mar-17		06-Apr-17																
403	West Portal - Transition Slabs	6	07-Apr-17	17-Apr-17	4					07-Apr-17		17-Apr-17																
404	West Portal - Staircase	12	18-Apr-17	03-May-17	124					18-Apr-17		03-May-17																
405	TUNNEL M&E FINISHES	171	09-Jan-17	12-Sep-17	71																							
406	Tunnel Electrical Works From West Portal to Lyon Station	70	09-Jan-17	18-Apr-17	152				09-Jan-17			18-Apr-17																
407	Tunnel Electrical Works From Lyon Station to Parliament Station	70	07-Mar-17	14-Jun-17	122					07-Mar-17			14-Jun-17															
408	Tunnel Electrical Works From Rideau Station to East Portal	70	02-Jun-17	12-Sep-17	71								02-Jun-17				12-Sep-17											
409	Tunnel Electrical Works From Parliament Station to Rideau Station	70	02-Jun-17	12-Sep-17	71								02-Jun-17				12-Sep-17											
410	SEGMENT 3 (103+374 to 106+050)	184	15-Aug-16 A	01-May-17	266																							
411	STRUCTURES	175	06-Sep-16 A	01-May-17	266																							
412	Rideau River Bridge	10	27-Feb-17	10-Mar-17	18																							
413	Rideau River Bridge - OCS Foundations	10	27-Feb-17	10-Mar-17	18					27-Feb-17		10-Mar-17																
414	Hurdman Elevated Guideway	9	06-Sep-16 A	31-Oct-16 A																								
415	Elevated Guideway - Remaining Work (Platform Slab Extension & Install Railings)	9	06-Sep-16 A	31-Oct-16 A		A					31-Oct-16 A																	
416	Mann Ave Bridge	136	17-Oct-16 A	01-May-17	266																							
417	Deck slab construction, Wingwalls and Parapet walls	35	17-Oct-16 A	23-Dec-16	0	17-Oct-16 A					23-Dec-16																	
418	Winter Shut Down	43	28-Dec-16	28-Feb-17	0			28-Dec-16				28-Feb-17																
419	Backfill, Transition Slabs	23	01-Mar-17	31-Mar-17	0					01-Mar-17		31-Mar-17																
420	Mann Ave Bridge Complete	0		01-May-17	266																							
421	Construct Refacing Wall	20	03-Apr-17	01-May-17	266						03-Apr-17		01-May-17															
422	GUIDEWAY	175	15-Aug-16 A	18-Apr-17	275																							
423	Guideway Mann Ave to East Portal	154	26-Sep-16 A	17-Apr-17	275																							
424	Earthworks & Conduits & OCS Pole Foundations	49	26-Sep-16 A	11-Nov-16 A		p-16 A					11-Nov-16 A																	
425	Guideway Mann to East Portal Construction Completion	0		28-Nov-16	85																							
426	Granular B and Sub ballast install	10	14-Nov-16 A	28-Nov-16	85		14-Nov-16 A				28-Nov-16																	
427	TPSS #4 Construct TPSS pad foundation	40	27-Oct-16 A	30-Nov-16	68	27-Oct-16 A					30-Nov-16																	
428	TPSS #4 Civil Works Complete (Including Ductbanks)	0	01-Dec-16		68																							
429	Fencing and Landscaping	10	03-Apr-17*	17-Apr-17	275						03-Apr-17*		17-Apr-17															
430	Guideway Rideau River to Mann Ave	175	15-Aug-16 A	18-Apr-17	275																							

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 12 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
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OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
431	Granular B and Sub ballast install	12	15-Aug-16 A	15-Nov-16 A					15-Nov-16 A																		
432	Guideway Rideau River to Mann Construction Completion	0		15-Nov-16 A				◆																			
433	TPSS #5 Construct TPSS pad foundation	40	15-Oct-16 A	16-Nov-16 A		5-Oct-16 A			16-Nov-16 A																		
434	TPSS #5 Civil Works Complete (Including Ductbanks)	0	16-Nov-16 A					◆																			
435	Fencing and Landscaping	11	03-Apr-17	18-Apr-17	204							03-Apr-17		18-Apr-17													
436	Guideway East of Rideau River	5	03-Apr-17	07-Apr-17	210																						
437	Fencing and Landscaping	5	03-Apr-17	07-Apr-17	210							03-Apr-17		07-Apr-17													
438	GUIDEWAY FINISHES	140	05-Jul-17	25-Jan-18	81																						
439	Guideway Segmental Work Complete	0		05-Jul-17	81																						
440	Fencing	80	06-Jul-17	30-Oct-17	131										06-Jul-17												
441	Landscape Phase	120	06-Jul-17	27-Dec-17	81										06-Jul-17												
442	Site-clean up	60	10-Oct-17	04-Jan-18	91												10-Oct-17										
443	Demobilization	20	28-Dec-17	25-Jan-18	81																						
444	STATION CONSTRUCTION	245	22-Feb-16 A	20-Apr-18	16																						
445	Notice for Completion of Payment Milestone #9 - Completion of Station Bundle #4	0	21-Dec-16		335				◆																		
446	Payment Inspection and Certification #9 - Completion of Station Bundle #4	20	21-Dec-16	20-Jan-17	335			21-Dec-16		20-Jan-17																	
447	Payment Milestone Requirement Completion #9 - Completion of Station Bundle #4	0		20-Jan-17	335					◆																	
448	Notice for Completion of Payment Milestone #11 - Completion of Station Bundle #1	0	19-Sep-17		150															◆							
449	Payment Inspection and Certification #11 - Completion of Station Bundle #1	20	19-Sep-17	17-Oct-17	150															19-Sep-17							
450	Payment Milestone Requirement Completion #11 - Completion of Station Bundle #1	0		17-Oct-17	150																◆						
451	TUNNEY'S PASTURE STATION (98+110 to 98+200)	266	26-Sep-16 A	17-Oct-17	11																						
452	Site Services	61	26-Sep-16 A	27-Jan-17	4 p-16 A							27-Jan-17															
453	Substructure	61	26-Sep-16 A	24-Feb-17	4 p-16 A																						
454	Station Area Ready for Track Installation @ Tunneys Station	0	07-Mar-17		35							◆															
455	Station Area Required for Track Installation @ Tunneys Station	0	17-Apr-17		7								◆														
456	Station Ancillary/Equipment Room Ready for Systems Installation (Weathertight)	0	02-May-17		4									◆													
457	Equipment Room Required Date for Systems Installation @ Tunneys Station	0	02-May-17		10										◆												
458	Superstructure	80	09-Jan-17	02-May-17	4				09-Jan-17																		
459	Tunneys Pedestrian Rehab Works - Construction (Moved from Guideway Section to Station Section)	60	27-Feb-17	23-May-17	4					27-Feb-17																	
460	Station Ready Required Date for Systems Cabling @ Tunneys Station	0	29-May-17		8											◆											
461	Systems Room Ready	0		13-Jun-17	4												◆										
462	Electrical & Mechanical Equipment Installation	30	02-May-17	13-Jun-17	4									02-May-17													
463	Enclosing & Weatherproofing	74	22-Mar-17	06-Jul-17	4								22-Mar-17														
464	Power Available & System Rooms Environmentally Controlled	0		12-Jul-17	11																						

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Data Date: 21-Nov-16

Page 13 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
465	Electrical & Mechanical Equipment Partial Testing	20	14-Jun-17	12-Jul-17	11									14-Jun-17			12-Jul-17												
466	Permanent Power Required Date (HOL) @ Tunneys Station	0		12-Jul-17	11																								
467	Interior Partitions, Interior Finishes, F.F.E. & Special Construction	105	23-Mar-17	22-Aug-17	6						23-Mar-17							22-Aug-17											
468	Stairs & Conveying Systems	90	03-May-17	11-Sep-17	11							03-May-17						11-Sep-17											
469	Mechanical/Electrical Systems	180	21-Dec-16	11-Sep-17	5			21-Dec-16										11-Sep-17											
470	Final Site Work	68	05-Jun-17	11-Sep-17	11								05-Jun-17				11-Sep-17												
471	Testing, Balancing, Final Verifications, Commissioning	15	12-Sep-17	02-Oct-17	11												12-Sep-17			02-Oct-17									
472	Tunneys Pasture Station - Complete	0		17-Oct-17	11																								
473	Cleaning, Occupancy Testing & Commissioning	10	03-Oct-17	17-Oct-17	11												03-Oct-17			17-Oct-17									
474	BAYVIEW STATION (99+314 to 99+404)	324	04-Jul-16 A	17-Oct-17	31																								
475	Site Services	56	04-Jul-16 A	24-Nov-16	0																								
476	Ground Improvement - Ancillary Building	30	20-Oct-16 A	25-Nov-16	0																								
477	Station West - Concrete Works	40	25-Nov-16	24-Jan-17	0																								
478	Station East- Concrete Works	40	21-Oct-16 A	24-Jan-17	0																								
479	Ancillary Building - Concrete Works	44	28-Nov-16	31-Jan-17	0																								
480	CPR Bridge Platform Completion	0		12-Apr-17	6																								
481	Station Area Ready for Track Installation @ Bayview Station	0	13-Apr-17		6																								
482	Station Area Required for Track Installation @ Bayview Station	0	24-Apr-17		0																								
483	Ancillary Building Roofing Work	40	10-Mar-17	05-May-17	0																								
484	Fit Up - Electrical & Systems Rooms	20	07-Apr-17	05-May-17	0																								
485	Station Ancillary/Equipment Room Ready for Systems Installation	0	08-May-17		0																								
486	Superstructure - Steel Structure	76	25-Jan-17	12-May-17	0																								
487	Ancillary Building Siding Work	30	17-Apr-17	29-May-17	8																								
488	Roofing - Station Building	69	10-Mar-17	16-Jun-17	4																								
489	Electrical & Mechanical Equipment Installation	30	08-May-17	19-Jun-17	0																								
490	Systems Room Ready (Weatherlight)	0		19-Jun-17	0																								
491	Equipment Room Required Date for Systems Installation @ Bayview Station	0	20-Jun-17		21																								
492	Station Ready Required Date for Systems Cabling @ Bayview Station	0	05-Jul-17		3																								
493	Electrical & Mechanical Equipment Partial Testing	15	20-Jun-17	11-Jul-17	33																								
494	Power Available & System Rooms Environmentally Controlled	0		11-Jul-17	33																								
495	Permanent Power Required (HOL) @ Bayview Station	0		20-Jul-17	26																								
496	Siding - Station Building	90	23-Mar-17	31-Jul-17	4																								
497	Stairs & Conveying Systems	50	14-Jun-17	24-Aug-17	3																								
498	Final Site Work	70	30-May-17	07-Sep-17	31																								

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Data Date: 21-Nov-16

Page 14 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

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21-Jul-15	Rev.2.2	OLRT	RIO
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
499	Fit Up - Concourse Level - Station Building	80	15-May-17	07-Sep-17	3								15-May-17					07-Sep-17											
500	Fit Up - Ancillary Building (Except Technical Rooms)	90	23-May-17	28-Sep-17	8								23-May-17					28-Sep-17											
501	Fit Up - Platform Level- Station Building	85	06-Jun-17	05-Oct-17	3								06-Jun-17					05-Oct-17											
502	Testing, Balancing, Final Verifications, Commissioning	35	17-Aug-17	05-Oct-17	31											17-Aug-17		05-Oct-17											
503	Mechanical/Electrical Systems	173	10-Nov-16 A	05-Oct-17	31		10-Nov-16 A											05-Oct-17											
504	Bayview Station Complete	0		17-Oct-17	31																								
505	Cleaning, Occupancy Testing & Commissioning	15	26-Sep-17	17-Oct-17	31												26-Sep-17		17-Oct-17										
506	PIMISI STATION (100+156 to 100+246)	315	15-Jul-16 A	17-Oct-17	51																								
507	Substructure (Excavation, footing, gradebeam, foundation walls etc.)	40	15-Jul-16 A	28-Oct-16 A																									
508	M & E Underground, slab on grade, topping	115	04-Aug-16 A	18-Jan-17	17																								
509	Concrete work - Lower concourse to platform level	40	31-Oct-16 A	20-Jan-17	15		31-Oct-16 A																						
510	Steel Super structure & decking	35	12-Jan-17	02-Mar-17	15								12-Jan-17				02-Mar-17												
511	Envelope Work - Roofing	20	24-Feb-17	23-Mar-17	20								24-Feb-17				23-Mar-17												
512	Station Area Ready for Track Installation @ Pimisi Station	0	31-Mar-17		15																								
513	Station Area Required for Track Installation @ Pimisi Station	0	24-Apr-17		0																								
514	Fit Up - Electrical & Systems Rooms	40	07-Mar-17	02-May-17	16								07-Mar-17				02-May-17												
515	Station Ancillary/Equipment Room Ready for Systems Installation	0	03-May-17		16																								
516	Envelope Work - Siding	45	24-Mar-17	29-May-17	50								24-Mar-17				29-May-17												
517	Electrical & Mechanical Equipment Installation	28	03-May-17	12-Jun-17	16								03-May-17				12-Jun-17												
518	Systems Room Ready (Weatherlight)	0		12-Jun-17	16																								
519	Equipment Room Required Date for Systems Installation @ Pimisi Station	0	13-Jun-17		16																								
520	Concrete work - Platform to above	74	03-Mar-17	16-Jun-17	15								03-Mar-17				16-Jun-17												
521	Electrical & Mechanical Equipment Partial Testing	15	13-Jun-17	04-Jul-17	53												13-Jun-17		04-Jul-17										
522	Power Available & System Rooms Environmentally Controlled	0		04-Jul-17	53																								
523	Station Ready Required Date for Systems Cabling @ Pimisi Station	0	14-Jul-17		16																								
524	Stairs & Conveying Systems	85	24-Mar-17	25-Jul-17	59								24-Mar-17				25-Jul-17												
525	Permanent Required Date (HOL) @ Pimisi Station	0		03-Aug-17	31																								
526	Envelope Work - Finishings	40	19-Jun-17	15-Aug-17	65												19-Jun-17		15-Aug-17										
527	Final Site works (Curbs, paving, hard landscaping, Fencing etc.)	82	01-May-17	25-Aug-17	50								01-May-17				25-Aug-17												
528	Fit Up - Lower Concourse Level	164	23-Jan-17	15-Sep-17	16								23-Jan-17				15-Sep-17												
529	Fit Up - Platform Level	131	17-Mar-17	22-Sep-17	16								17-Mar-17				22-Sep-17												
530	Fit Up - Upper Concourse Level	97	12-May-17	29-Sep-17	16												12-May-17		29-Sep-17										
531	Mechanical/Electrical works	176	19-Jan-17	29-Sep-17	51								19-Jan-17				29-Sep-17												
532	Testing, Balancing, Final Verifications, Commissioning	40	08-Aug-17	03-Oct-17	51												08-Aug-17		03-Oct-17										

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Data Date: 21-Nov-16

Page 15 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

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19-Dec-16

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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
533	Pimisi Station Complete	0		17-Oct-17	51																								
534	Cleaning, Occupancy Testing & Commissioning	20	19-Sep-17	17-Oct-17	51												19-Sep-17			17-Oct-17									
535	LYON STATION	266	17-Oct-16 A	11-Dec-17	111																								
536	TUME Event (City Activity - FOR INFORMATION ONLY)	79	02-Jun-17	25-Sep-17	165																								
537	Lyon Station - TUME Event - Access Granted to Lyon Station	0	02-Jun-17*		165																								
538	Lyon Station - TUME Event - Equipment Installation, Rehearsals and Operation Staff Training	20	02-Jun-17	29-Jun-17	165									02-Jun-17			29-Jun-17												
539	Lyon Station - TUME Event - Staff and Partners VIP Preview	1	30-Jun-17	30-Jun-17	165									30-Jun-17			30-Jun-17												
540	Lyon Station - TUME Event - Media Show	1	04-Jul-17	04-Jul-17	165									04-Jul-17			04-Jul-17												
541	Lyon Station - TUME Event - Public Shows	51	05-Jul-17	15-Sep-17	165									05-Jul-17						15-Sep-17									
542	Lyon Station - TUME Event - Last Show	1	18-Sep-17	18-Sep-17	165												18-Sep-17			18-Sep-17									
543	Lyon Station - TUME Event - Show Dismantle	5	19-Sep-17	25-Sep-17	165												19-Sep-17			25-Sep-17									
544	Lyon Station - TUME Event - Return of Lyon Station to RTG	0		25-Sep-17	165																								
545	Architectural Works	266	17-Oct-16 A	11-Dec-17	5																								
546	Lyon Station - Mobilization	15	17-Oct-16 A	28-Oct-16 A		17-Oct-16 A			28-Oct-16 A																				
547	Station Area Ready for Track Installation @ Lyon Station	0	09-Feb-17		70																								
548	Lyon Station - Architectural - West Entrance - Elevator / Escalator Works	18	13-Feb-17	09-Mar-17	22				13-Feb-17					09-Mar-17															
549	Station Area Required for Track Installation @ Lyon Station	0	13-Mar-17		49																								
550	Lyon Station - Architectural - Sub Platform Level - Axis 19-26	114	17-Oct-16 A	17-Mar-17	21	17-Oct-16 A																							
551	Lyon Station Ancillary/Equipment Room Ready for Systems Installations (Weathertight)	0	16-May-17		2																								
552	Equipment Room Required Date for Systems Installation @ Lyon Station	0	16-May-17		20																								
553	Lyon Station - Architectural - Platform Level - Axis 19/26	135	21-Nov-16	05-Jun-17	13	21-Nov-16																							
554	Lyon Station - Architectural - East Entrance - LRT Concourse Area	73	06-Mar-17	16-Jun-17	22									06-Mar-17															
555	Lyon Station - Architectural - Concourse Level - Axis 5.5/19	160	16-Nov-16 A	16-Jun-17	0	16-Nov-16 A																							
556	Station Ready Required Date for Systems Cabling @ Lyon Station	0	19-Jun-17		27																								
557	Lyon Station - Architectural - West Entrance - Grade Level	26	12-May-17	19-Jun-17	31									12-May-17															
558	Lyon Station - Architectural - West Entrance - Intermediate Landing Area & Stairs	36	28-Apr-17	19-Jun-17	31									28-Apr-17															
559	Lyon Station - Architectural - West Entrance - LRT Concourse Level	46	13-Apr-17	19-Jun-17	31									13-Apr-17															
560	Lyon Station - Architectural - East Entrance - Retail Concourse Area	58	03-Apr-17	23-Jun-17	22									03-Apr-17															
561	Lyon Station Electrical & Mechanical Equipment Installation	30	16-May-17	27-Jun-17	2									16-May-17															
562	Lyon Station Systems Room Ready	0		27-Jun-17	2																								
563	Lyon Station Mechanical & Electrical Works	143	05-Dec-16	29-Jun-17	22	05-Dec-16																							
564	Lyon Station Elevators & Escalators Installations	137	13-Dec-16	29-Jun-17	22	13-Dec-16																							
565	Lyon Station - Architectural - East Entrance - Grade Level	43	02-May-17	30-Jun-17	22									02-May-17															
566	Lyon Station - Architectural - East Entrance - Elevator / Escalator Works	83	06-Mar-17	30-Jun-17	22									06-Mar-17															

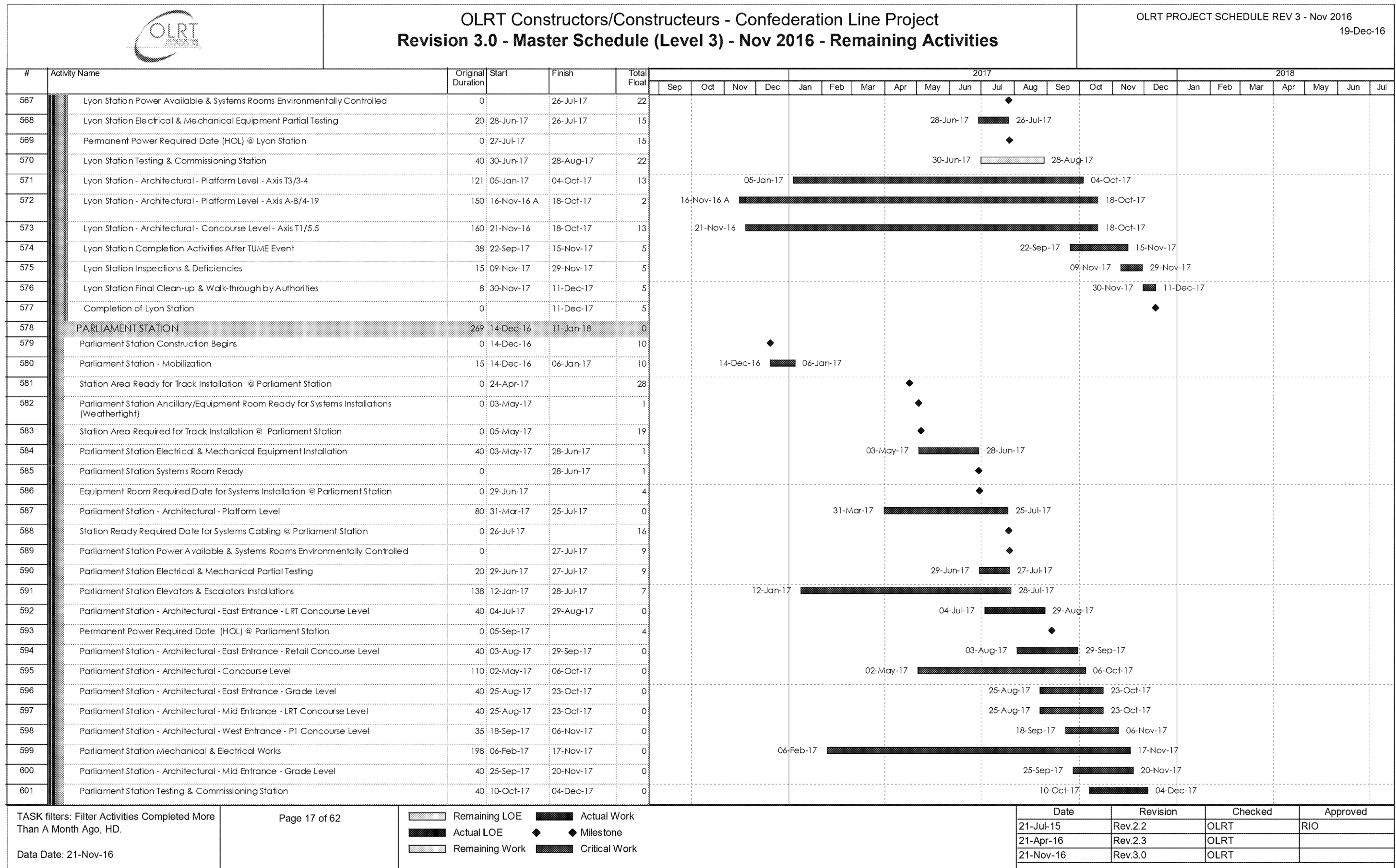
TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 16 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
21-Nov-16	Rev.3.0	OLRT	



		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities														OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16													
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
602	Parliament Station - Architectural - West Entrance - Grade Level	35	17-Oct-17	04-Dec-17	0													17-Oct-17											
603	Parliament Station Inspections & Deficiencies	15	05-Dec-17	27-Dec-17	0														05-Dec-17										
604	Parliament Station Final Clean-up	10	28-Dec-17	11-Jan-18	0															28-Dec-17									
605	Completion of Parliament Station	0		11-Jan-18	0																								
606	RIDEAU STATION	215	13-Mar-17	18-Jan-18	0																								
607	Rideau Station Construction Begins	0	13-Mar-17		0																								
608	Rideau Station - Mobilization	30	13-Mar-17	24-Apr-17	0																								
609	Station Area Required for Track Installation @ Rideau Station	0	14-Jun-17		0																								
610	Station Area Ready for Track Installation @ Rideau Station	0	14-Jun-17		0																								
611	Rideau Station Ancillary/Equipment Room Ready for Systems Installations (Weathertight)	0	06-Jul-17		0																								
612	TPSS #3 Civil Works Complete (Including Ductbanks)	0	06-Jul-17		0																								
613	Equipment Room Required Date for Systems Installation @ Rideau Station	0	06-Jul-17		0																								
614	Rideau Station - Architectural - East Entrance - HVAC Room Level	40	16-May-17	12-Jul-17	0																								
615	Rideau Station - Architectural - East Entrance - Concourse Level	40	14-Jun-17	10-Aug-17	0																								
616	Station Ready Required Date for Systems Cabling @ Rideau Station	0	25-Aug-17		0																								
617	Rideau Station Electrical & Mechanical Equipment Installation	40	06-Jul-17	31-Aug-17	0																								
618	Rideau Station Systems Room Ready	0		31-Aug-17	0																								
619	Rideau Station - Architectural - East Entrance - B3 Intermediate Concourse Level	40	13-Jul-17	08-Sep-17	0																								
620	Rideau Station - Architectural - Mid Entrance - Concourse Level	40	13-Jul-17	08-Sep-17	0																								
621	Rideau Station Power Available & Systems Rooms Environmentally Controlled	0		29-Sep-17	0																								
622	Rideau Station Electrical & Mechanical Equipment Partial Testing	20	01-Sep-17	29-Sep-17	0																								
623	Permanent Power Required Date (HOL) @ Rideau Station	0	02-Oct-17		0																								
624	Rideau Station - Architectural - East Entrance - B2 Intermediate Concourse Level	40	11-Aug-17	06-Oct-17	0																								
625	Rideau Station - Architectural - Mid Entrance - Grade Level	40	11-Aug-17	06-Oct-17	0																								
626	Rideau Station - Architectural - Platform Level	80	14-Jun-17	06-Oct-17	0																								
627	Rideau Station Elevators & Escalators Installations	108	16-May-17	19-Oct-17	0																								
628	Rideau Station - Architectural - West Entrance - Common Landing Level	50	25-Aug-17	06-Nov-17	0																								
629	Rideau Station - Architectural - East Entrance - B1 Intermediate Concourse Level	40	11-Sep-17	06-Nov-17	0																								
630	Rideau Station Mechanical & Electrical Works	140	16-May-17	04-Dec-17	0																								
631	Rideau Station - Architectural - West Entrance - Grade Level	50	25-Sep-17	04-Dec-17	0																								
632	Rideau Station - Architectural - East Entrance - Grade Level	40	10-Oct-17	04-Dec-17	0																								
633	Rideau Station - Architectural - Concourse Level	100	13-Jul-17	04-Dec-17	0																								
634	Rideau Station Testing & Commissioning Station	40	20-Oct-17	14-Dec-17	0																								
635	Rideau Station Inspections & Deficiencies	15	15-Dec-17	09-Jan-18	0																								
636	Rideau Station Final Clean-up & Walk-through by Authorities	10	05-Jan-18	18-Jan-18	0																								
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 18 of 62		Remaining LOE Actual Work Actual LOE Milestone Remaining Work Critical Work												Date		Revision	Checked	Approved									
Data Date: 21-Nov-16																21-Jul-15		Rev.2.2	OLRT	RIO									
																21-Apr-16		Rev.2.3	OLRT										
																21-Nov-16		Rev.3.0	OLRT										



OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
637	Completion of Rideau Station (28-Feb-2018)	0		18-Jan-18	0																						
638	UOTTAWA STATION (103+556 to 103+646)	316	15-Jun-16 A	08-Sep-17	55																						
639	Site Services	40	15-Jun-16 A	28-Nov-16	16																						
640	Sub Structures	40	29-Jun-16 A	26-Jan-17	16																						
641	Equipment Room Required Date for Stations Systems Installation @ Uottawa Station	0	03-Mar-17		64																						
642	Station Ancillary/Equipment Room Ready for Systems Installation	0	03-Mar-17		25																						
643	Superstructure - Structural Steel Works	45	05-Jan-17	09-Mar-17	16																						
644	Station Area Ready for Track Installation @ uOttawa Station	0	10-Mar-17		16																						
645	Superstructure - Concrete Works	30	05-Sep-16 A	31-Mar-17	16 A																						
646	Station Area Required for Track Installation @ Uottawa Station	0	03-Apr-17		0																						
647	Station Ready Required Date for Systems Cabling @ Uottawa Station	0	04-Apr-17		64																						
648	Electrical/Systems Room ready (Weathertight and major equipment installed)	0		28-Apr-17	25																						
649	Electrical & Mechanical Equipment Installation	40	03-Mar-17	28-Apr-17	25																						
650	Envelope Work - Roofing Installation	65	02-Feb-17	05-May-17	25																						
651	Power Available & System Rooms Environmentally Controlled	0		05-Jun-17	25																						
652	Electrical & Mechanical Equipment Partial Testing	25	01-May-17	05-Jun-17	25																						
653	Permanent Power Available Required Date (HOL) @ Uottawa Station	0	06-Jun-17		36																						
654	Equipment Room Required Date for CBTC & COMM'S Installation @ Uottawa Station	0	21-Jun-17		14																						
655	Stairs & Conveying Systems	110	16-Jan-17	21-Jun-17	55																						
656	Envelope Work - Siding	57	07-Apr-17	28-Jun-17	55																						
657	Fit Up - Lower Concourse Area	140	07-Dec-16	28-Jun-17	55																						
658	Final Site works (Curbs, paving, hard landscaping, Fencing etc.)	70	03-Apr-17	12-Jul-17	55																						
659	Fit Up - Platform Level	120	06-Feb-17	27-Jul-17	55																						
660	Mechanical/Electrical Systems	236	12-Sep-16 A	27-Jul-17	55.6 A																						
661	Testing, Balancing, Final Verifications, Commissioning	40	29-Jun-17	25-Aug-17	55																						
662	uOttawa Station Complete	0		08-Sep-17	55																						
663	Cleaning, Occupancy Testing & Commissioning	20	11-Aug-17	08-Sep-17	55																						
664	LEES STATION (104+557 to 104+647)	298	02-Aug-16 A	06-Oct-17	20																						
665	Concrete work - Upto Platform Level - Ancillary Building	55	15-Aug-16 A	01-Nov-16 A																							
666	Concrete work - Above Platform - Ancillary Building	15	02-Nov-16 A	06-Feb-17	12																						
667	Structural Steel & Decking	40	19-Jan-17	16-Mar-17	11																						
668	Station Area Ready for Track Installation @ Lees Station	0	17-Mar-17		11																						
669	Concrete work - Above Platform Level - Station Building	87	17-Oct-16 A	24-Mar-17	11																						

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 19 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
21-Nov-16	Rev.3.0	OLRT	



OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
670	Enclosing & Weatherproofing - Ancillary Building	33	07-Feb-17	24-Mar-17	12				07-Feb-17				24-Mar-17																
671	Station Ancillary/Equipment Room Ready for Systems Installation	0	27-Mar-17		12																								
672	Concrete work - Upto Platform Level - Station Building	87	02-Aug-16 A	31-Mar-17	11								31-Mar-17																
673	Equipment Room Required Date for Systems Installation @ Lees Station	0	03-Apr-17		28																								
674	Station Area Required for Track Installation @ Lees Station	0	03-Apr-17		0																								
675	Station Ready Required Date for Systems Cabling @ Lees Station	0	04-May-17		28																								
676	Electrical & Mechanical Equipment Installation	40	27-Mar-17	23-May-17	25					27-Mar-17				23-May-17															
677	Electrical room ready (Weathertight and major equipment installed)	0		26-May-17	22																								
678	Fit Up - Ancillary Building	76	07-Feb-17	26-May-17	22				07-Feb-17					26-May-17															
679	Equipment Room Required Date for CBTC & COMM'S Installation @ Lees Station	0	29-May-17		34																								
680	Enclosing & Weatherproofing - Station Building	60	17-Mar-17	12-Jun-17	16					17-Mar-17				12-Jun-17															
681	Power Available & System Rooms Environmentally Controlled	0		30-Jun-17	22																								
682	Electrical & Mechanical Equipment Partial Testing	25	29-May-17	30-Jun-17	22								29-May-17			30-Jun-17													
683	Permanent Power Available Required Date (HOL) @ Lees Station	0	04-Jul-17		22																								
684	Final Site Works	64	01-May-17	31-Jul-17	37							01-May-17				31-Jul-17													
685	Conveying Systems	108	27-Feb-17	31-Jul-17	37				27-Feb-17							31-Jul-17													
686	Mechanical/Electrical Systems	90	10-Aug-16 A	31-Aug-17	20																								
687	Fit Up - Station Building	136	16-Feb-17	31-Aug-17	16				16-Feb-17							31-Aug-17													
688	Testing, Balancing, Final Verifications, Commissioning	40	27-Jul-17	22-Sep-17	20									27-Jul-17			22-Sep-17												
689	Lees Station Complete	0		06-Oct-17	20																								
690	Cleaning,Punchlists rectification, Inspection	15	18-Sep-17	06-Oct-17	20											18-Sep-17			06-Oct-17										
691	HURDMAN STATION (105+370 to 105+460)	288	24-May-16 A	14-Jul-17	47																								
692	Bus Operator's Building Construction (Including Finishing Works)	123	24-May-16 A	16-Nov-16 A					16-Nov-16 A																				
693	Concrete work above concourse level (Wall, Beams, slab, suspended slab)	45	18-Aug-16 A	09-Dec-16	32				09-Dec-16																				
694	Structural steel, decking	70	29-Sep-16 A	10-Jan-17	26								10-Jan-17																
695	Station Ready for Systems Cabling @ Hurdman Station	0	25-Jan-17		66																								
696	Electrical & Mechanical Equipment Installation at electrical rooms	60	05-Oct-16 A	25-Jan-17	48																								
697	Electrical/System Room ready (Weathertight and major equipment installed)	0		25-Jan-17	48																								
698	Equipment Room Ready for Systems Installation @ Hurdman Station	0	26-Jan-17		48																								
699	Enclosing & Weatherproofing	105	28-Oct-16 A	14-Feb-17	32				28-Oct-16 A					14-Feb-17															
700	Station Area Ready for Track Installation @ Hurdman Station	0	15-Feb-17		32																								
701	Power Available & System Rooms Environmentally Controlled	0		02-Mar-17	75																								
702	Electrical & Mechanical Equipment Partial Testing	25	26-Jan-17	02-Mar-17	75					26-Jan-17				02-Mar-17															

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 20 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
21-Nov-16	Rev.3.0	OLRT	



OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
703	Permanent Power Available (HOL) @ Hurdman Station	0	14-Mar-17		68							◆															
704	Hurdman Bus Loop Modification Stage 3 - Reamining Works	143	20-Sep-16 A	30-Mar-17	70	16 A																					
705	Escalator/Elevator Installation	76	12-Dec-16	31-Mar-17	32			12-Dec-16																			
706	Station Area Required for Track Installation @ Lees Station	0	03-Apr-17		0							◆															
707	Mechanical/Electrical installation (Rough In, drops, fixtures)	225	18-Aug-16 A	24-May-17	58																						
708	Fit Up - Station Building	125	30-Nov-16	31-May-17	32			30-Nov-16																			
709	Final Site Works	32	01-May-17	14-Jun-17	47								01-May-17														
710	Testing, Balancing, Final Verifications, Commissioning	40	04-May-17	29-Jun-17	47								04-May-17														
711	Hurdman Station Complete	0		14-Jul-17	47																						
712	Cleaning,Punchlists rectification, Inspection	15	23-Jun-17	14-Jul-17	47																						
713	TREMBLAY STATION (106+427 to 106+437)	252	16-Jun-16 A	16-Jun-17	44																						
714	Power Available	0		21-Oct-16 A				◆																			
715	Electrical & Mechanical Equipment Installation	15	03-Oct-16 A	21-Oct-16 A		Oct-16 A		21-Oct-16 A																			
716	Fit Up - Station Building Platform Level - Maintenance Rooms	145	16-Jun-16 A	13-Jan-17	29																						
717	Equipment Room Ready for Systems Installation @ Tremblay Station	0	16-Jan-17		29					◆																	
718	Enclosing & Weatherproofing	115	22-Aug-16 A	03-Feb-17	54																						
719	Station Ready for Systems Cabling @ Tremblay Station	0	15-Feb-17		29						◆																
720	Permanent Power Available (HOL) @ Tremblay Station	0	09-Mar-17		49							◆															
721	Escalator & Elevator Installation	55	04-Jan-17	22-Mar-17	54				04-Jan-17																		
722	Fit Up - Station Building Concourse Level	125	18-Oct-16 A	31-Mar-17	51	18-Oct-16 A																					
723	Final Site works	88	30-Aug-16 A	18-Apr-17	54																						
724	Mechanical/Electrical Installation	130	30-Jun-16 A	02-May-17	51																						
725	Fit Up - Station Building Platform Level - Platforms	125	25-Oct-16 A	03-May-17	44	25-Oct-16 A																					
726	Testing, Balancing, Final Verifications, Commissioning	40	06-Apr-17	02-Jun-17	44							06-Apr-17															
727	Tremblay Station Complete	0		16-Jun-17	44																						
728	Cleaning,Punchlists rectification, Inspection	15	29-May-17	16-Jun-17	44																						
729	ST LAURENT STATION (107+825 to 107+915)	421	29-Feb-16 A	31-Oct-17	140																						
730	Initial Works	70	15-Aug-16 A	23-Nov-16	5																						
731	Final site works	70	15-Aug-16 A	23-Nov-16	5																						
732	Envelope - St Laurent Station	63	22-Aug-16 A	18-Nov-16 A																							
733	Enclosing & Weatherproofing	63	22-Aug-16 A	18-Nov-16 A																							
734	Fit Ups & Finishing - St Laurent Station	206	29-Feb-16 A	20-Dec-16	89																						

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 21 of 62

Remaining LOE
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 Actual LOE
 Milestone
 Remaining Work
 Critical Work

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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
735	Power Available at electrical room	0		25-Oct-16 A			◆																						
736	Power available at HOL/SWGR rooms	0	25-Oct-16 A				◆																						
737	Mechanical/Electrical Systems Rough In, Fixtures	145	04-Apr-16 A	28-Oct-16 A					28-Oct-16 A																				
738	Electrical & Mechanical Equipment Delivery, Installation, Connection at electrical room	75	04-Aug-16 A	18-Nov-16 A					18-Nov-16 A																				
739	Interior Fit Ups (Partitions, Interior Finishes etc.)- Station Balance Areas	207	29-Feb-16 A	20-Dec-16	41					20-Dec-16																			
740	Elevator/Escalator work	100	29-Jul-16 A	20-Dec-16	41					20-Dec-16																			
741	Testing, Balancing, Commissioning & Final Completion - St Laurent Station	48	21-Nov-16	31-Jan-17	58																								
742	Station Ready for Systems Cabling @ St. Laurent Station	0	21-Nov-16		81			◆																					
743	Testing, Balancing, Final Verifications, Commissioning	21	21-Nov-16	19-Dec-16	49		21-Nov-16		19-Dec-16																				
744	Equipment Room Ready for Systems Installation @ St. Laurent Station	0	20-Dec-16		48				◆																				
745	St Laurent Station Complete	0		20-Dec-16	48				◆																				
746	Cleaning,Punchlists rectification, Inspection	21	22-Nov-16	20-Dec-16	48		22-Nov-16		20-Dec-16																				
747	Permanent Power Available (HOL) @ St. Laurent Station	0	31-Jan-17		58					◆																			
748	Deferred Items	215	21-Dec-16	31-Oct-17	69																								
749	Architectural finishes	99	21-Dec-16	15-May-17	185																								
750	Concrete topping at fare gate locations	19	21-Dec-16	19-Jan-17	265			21-Dec-16		19-Jan-17																			
751	Security grilles	30	21-Dec-16	03-Feb-17	254			21-Dec-16		03-Feb-17																			
752	Metal ceiling	31	21-Dec-16	06-Feb-17	253			21-Dec-16		06-Feb-17																			
753	Foot grilles	34	21-Dec-16	09-Feb-17	250			21-Dec-16		09-Feb-17																			
754	Closing elements	34	21-Dec-16	09-Feb-17	250			21-Dec-16		09-Feb-17																			
755	Escalators	35	09-Jan-17	27-Feb-17	239			09-Jan-17		27-Feb-17																			
756	Stairs	31	16-Jan-17	28-Feb-17	238			16-Jan-17		28-Feb-17																			
757	Doors and hardware	27	23-Feb-17	31-Mar-17	215				23-Feb-17		31-Mar-17																		
758	Glazing panels connecting with the fare gate equipment.	56	16-Jan-17	04-Apr-17	213			16-Jan-17		04-Apr-17																			
759	Washroom accessories	99	21-Dec-16	15-May-17	185			21-Dec-16		15-May-17																			
760	Glazing	46	05-Jan-17	10-Mar-17	230			05-Jan-17		10-Mar-17																			
761	Glass balustrades	46	05-Jan-17	10-Mar-17	230			05-Jan-17		10-Mar-17																			
762	Windscreens	37	18-Jan-17	10-Mar-17	230			18-Jan-17		10-Mar-17																			
763	Porcelain panels	32	13-Jan-17	28-Feb-17	238			13-Jan-17		28-Feb-17																			
764	Porcelain panels	32	13-Jan-17	28-Feb-17	238				13-Jan-17		28-Feb-17																		
765	Landscaping	105	26-Apr-17	25-Sep-17	94																								
766	Landscaping	105	26-Apr-17	25-Sep-17	94																								
767	Conveyance Systems	30	19-Sep-17	31-Oct-17	69																								
768	Patron conveyance systems	30	19-Sep-17	31-Oct-17	69																								
769	Miscellaneous items that succeed installation of non milestone items	143	20-Jan-17	15-Aug-17	122																								
770	Handrail posts and glazing	35	20-Jan-17	10-Mar-17	230				20-Jan-17		10-Mar-17																		

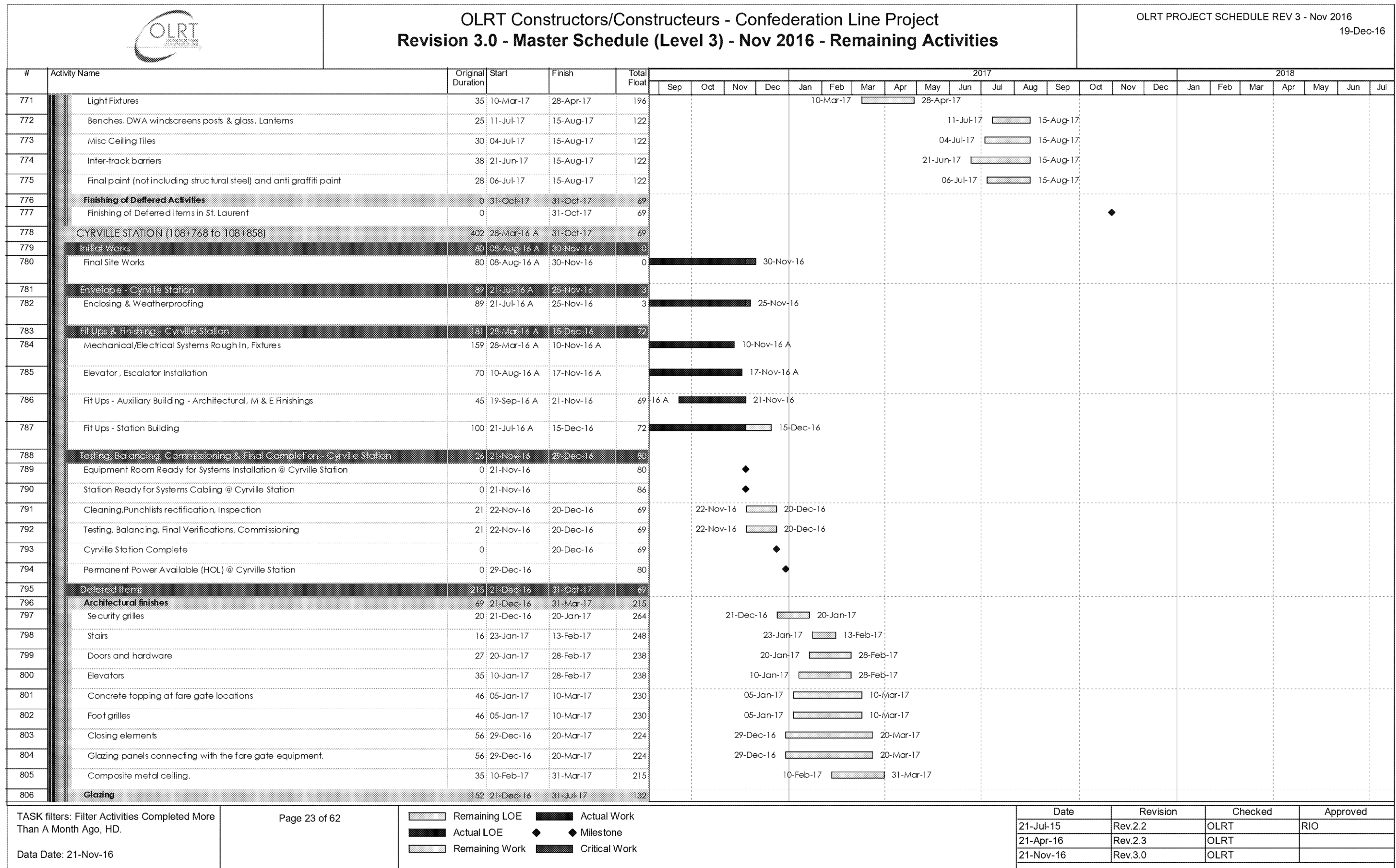
TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 22 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
21-Nov-16	Rev.3.0	OLRT	





OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float					2017												2018							
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
807	Exterior glazing	44	21-Dec-16	24-Feb-17	240			21-Dec-16					24-Feb-17																
808	Elevator glazing	40	29-Dec-16	24-Feb-17	240			29-Dec-16					24-Feb-17																
809	Windscreens	37	04-Jan-17	24-Feb-17	240			04-Jan-17					24-Feb-17																
810	skylight	24	13-Feb-17	17-Mar-17	225					13-Feb-17			17-Mar-17																
811	Canopy	16	06-Mar-17	27-Mar-17	219					06-Mar-17			27-Mar-17																
812	Glass balustrades	67	03-Jan-17	06-Apr-17	211			03-Jan-17					06-Apr-17																
813	Elevator shroud	20	04-Jul-17	31-Jul-17	132										04-Jul-17														
814	Porcelain panels	32	15-Feb-17	31-Mar-17	215					15-Feb-17			31-Mar-17																
815	Porcelain panels	32	15-Feb-17	31-Mar-17	215					15-Feb-17			31-Mar-17																
816	Landscaping	42	01-Aug-17	29-Sep-17	90																								
817	Landscaping	42	01-Aug-17	29-Sep-17	90										01-Aug-17														
818	Conveyance Systems	30	19-Sep-17	31-Oct-17	69																								
819	Patron conveyance systems	30	19-Sep-17	31-Oct-17	69																								
820	Wood Ceilings	28	21-Dec-16	01-Feb-17	256			21-Dec-16					01-Feb-17																
821	Wood Ceilings	28	21-Dec-16	01-Feb-17	256			21-Dec-16					01-Feb-17																
822	Miscellaneous items that succeed installation of non milestone items	114	16-Feb-17	31-Jul-17	132					16-Feb-17			06-Apr-17																
823	Handrail posts and glazing	35	16-Feb-17	06-Apr-17	211					16-Feb-17			06-Apr-17																
824	Light Fixtures	35	16-Feb-17	06-Apr-17	211					16-Feb-17			06-Apr-17																
825	Inter-track barriers	38	09-May-17	30-Jun-17	152								09-May-17																
826	Benches, DWA windscreens posts & glass, Lanterns	25	26-Jun-17	31-Jul-17	132										26-Jun-17														
827	Misc Ceiling Tiles	30	19-Jun-17	31-Jul-17	132										19-Jun-17														
828	Final paint (not including structural steel) and anti graffiti paint	28	21-Jun-17	31-Jul-17	132										21-Jun-17														
829	Finishing of Deferred Activities	0	31-Oct-17	31-Oct-17	69																								
830	Finishing of Deferred items in Cyrville	0		31-Oct-17	69																								
831	BLAIR STATION (110+492 to 110+592)	392	11-Apr-16 A	31-Oct-17	140																								
832	Bus Operator Building	112	01-Sep-16 A	10-Feb-17	320																								
833	Bus Loop Construction - Stage 3 Construction	75	01-Sep-16 A	10-Feb-17	320																								
834	Bus Loop Construction - Stage 3 Construction - OC Transpo Installations	15	23-Jan-17	10-Feb-17	320										23-Jan-17														
835	Envelope - Blair Station	87	24-Jun-16 A	20-Dec-16	62																								
836	Enclosing & Weatherproofing & Envelope & Soffits	87	24-Jun-16 A	20-Dec-16	62																								
837	Fit Ups & Finishing - Blair Station	177	11-Apr-16 A	20-Dec-16	69																								
838	Fit Ups -Lower Concourse level	157	11-Apr-16 A	20-Dec-16	36																								
839	Elevator/ Escalator Installation	70	25-Aug-16 A	20-Dec-16	69																								
840	Mechanical/Electrical Systems Rough In, Fixtures	154	11-Apr-16 A	20-Dec-16	68																								
841	Power Available	0		20-Dec-16	68																								
842	Electrical & Mechanical Equipment delivery, Installation, connection at electrical room	91	14-Jul-16 A	20-Dec-16	68																								

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 24 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
21-Nov-16	Rev.3.0	OLRT	



OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
843	Fit Ups - Above Platform Level	90	23-Jun-16 A	20-Dec-16	69																								
844	Fit Ups -Upper Concourse level	157	11-Apr-16 A	20-Dec-16	61																								
845	Final Works - Landscaping	102	25-Jul-16 A	20-Dec-16	62																								
846	Final Site Works	102	25-Jul-16 A	20-Dec-16	62																								
847	Testing, Balancing, Commissioning & Final Completion - Blair Station	37	21-Nov-16	16-Jan-17	89																								
848	Station Ready Required Date for Systems Cabling @ Blair Station	0	21-Nov-16		106																								
849	Equipment Room Required Date for Systems Installation @ Blair Station	0	20-Dec-16		89																								
850	Blair Station Complete	0		20-Dec-16	69																								
851	Testing, Balancing, Final Verifications, Commissioning	22	21-Nov-16	20-Dec-16	69																								
852	Permanent Power Available Required Date (HOL) @ Blair Station	0	16-Jan-17		89																								
853	Deferred Items	215	21-Dec-16	31-Oct-17	69																								
854	Architectural finishes	99	21-Dec-16	15-May-17	185																								
855	Stairs	16	21-Dec-16	16-Jan-17	268																								
856	Security grilles	25	21-Dec-16	27-Jan-17	259																								
857	Doors and hardware	27	21-Dec-16	31-Jan-17	257																								
858	Escalators	25	23-Jan-17	27-Feb-17	239																								
859	Concrete topping at fare gate locations	46	21-Dec-16	28-Feb-17	238																								
860	Foot grilles	46	21-Dec-16	28-Feb-17	238																								
861	Elevators	35	11-Jan-17	01-Mar-17	237																								
862	Closing elements	56	21-Dec-16	14-Mar-17	228																								
863	Glazing panels connecting with the fare gate equipment.	56	21-Dec-16	14-Mar-17	228																								
864	Composite metal ceiling	35	30-Jan-17	20-Mar-17	224																								
865	Ceramic Tile	38	25-Jan-17	20-Mar-17	224																								
866	Millwork	36	06-Feb-17	28-Mar-17	218																								
867	Toilet partitions	35	08-Feb-17	29-Mar-17	217																								
868	Washroom finishes + electrical finishes	35	08-Feb-17	29-Mar-17	217																								
869	Washroom accessories	99	21-Dec-16	15-May-17	185																								
870	Glazing	130	21-Dec-16	28-Jun-17	154																								
871	Elevator glazing	40	21-Dec-16	17-Feb-17	244																								
872	Skylight	24	23-Jan-17	24-Feb-17	224																								
873	Windscreens	37	18-Jan-17	10-Mar-17	230																								
874	Exterior glazing	60	21-Dec-16	20-Mar-17	224																								
875	Canopy	16	27-Feb-17	20-Mar-17	224																								
876	Glass balustrades	67	21-Dec-16	29-Mar-17	217																								
877	Elevator shroud	20	01-Jun-17	28-Jun-17	154																								
878	Porcelain panels	32	02-Feb-17	20-Mar-17	224																								

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

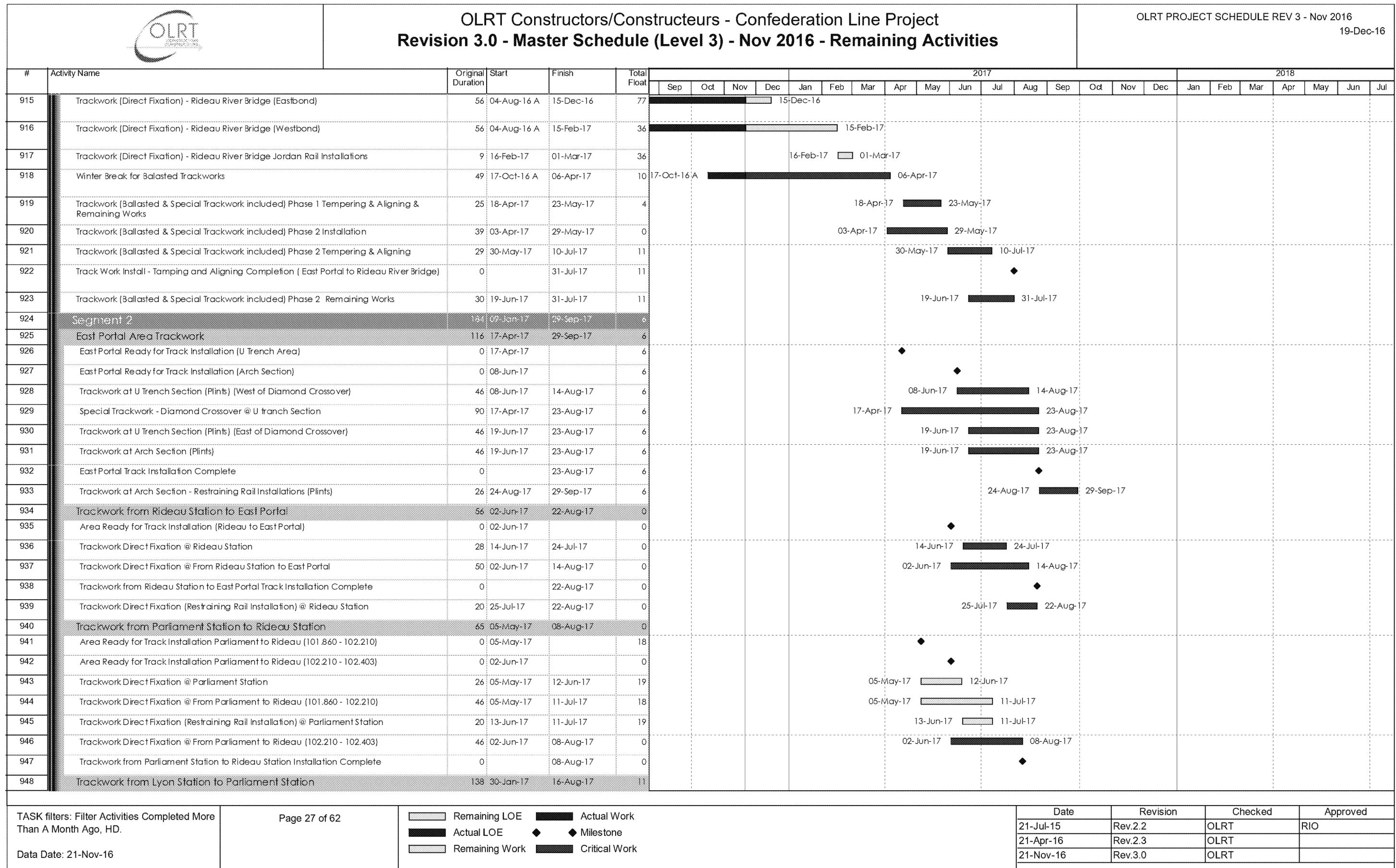
Data Date: 21-Nov-16

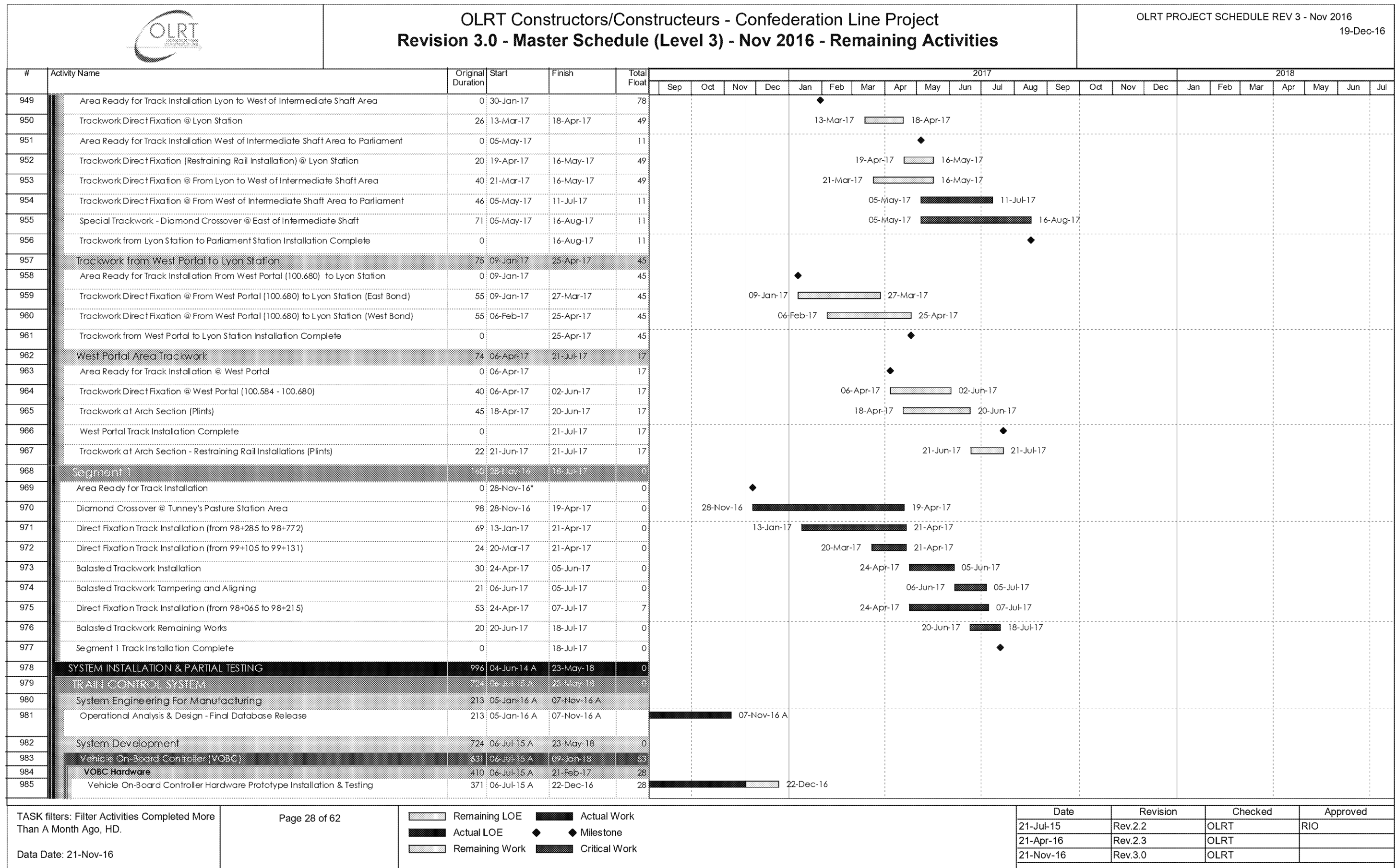
Page 25 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
21-Nov-16	Rev.3.0	OLRT	

		OLRT Constructors/Constructeurs - Confederation Line Project										OLRT PROJECT SCHEDULE REV 3 - Nov 2016																
		Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										19-Dec-16																
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018										
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
879	Porcelain panels	32	02-Feb-17	20-Mar-17	224				02-Feb-17				20-Mar-17															
880	Landscaping	42	01-Aug-17	29-Sep-17	90																							
881	Landscaping	42	01-Aug-17	29-Sep-17	90												01-Aug-17			29-Sep-17								
882	Conveyance Systems	30	19-Sep-17	31-Oct-17	69																							
883	Patron conveyance systems	30	19-Sep-17	31-Oct-17	69													19-Sep-17			31-Oct-17							
884	Wood Ceilings	28	21-Dec-16	01-Feb-17	256																							
885	Wood Ceilings	28	21-Dec-16	01-Feb-17	256				21-Dec-16				01-Feb-17															
886	Miscellaneous items that succeed installation of non milestone items	103	08-Feb-17	06-Jul-17	149																							
887	Handrail posts and glazing	35	08-Feb-17	29-Mar-17	217					08-Feb-17			29-Mar-17															
888	Light Fixtures	35	10-Feb-17	31-Mar-17	215					10-Feb-17			31-Mar-17															
889	Misc Ceiling Tiles	30	17-May-17	28-Jun-17	154								17-May-17			28-Jun-17												
890	Benches, DWA windscreens posts & glass, Lanterns	25	01-Jun-17	06-Jul-17	149								01-Jun-17			06-Jul-17												
891	Inter-track barriers	38	12-May-17	06-Jul-17	149								12-May-17			06-Jul-17												
892	Final paint (not including structural steel) and anti graffiti paint	28	29-May-17	06-Jul-17	149								29-May-17			06-Jul-17												
893	Finishing of Deferred Activities	0	31-Oct-17	31-Oct-17	69																							
894	Finishing of Deferred items in Blair	0		31-Oct-17	69																							
895	LANDSCAPING FOR STATIONS	36	26-Sep-17	30-Apr-18	16																							
896	Landscaping - St.Laurent	20	26-Sep-17	24-Oct-17	27												26-Sep-17			24-Oct-17								
897	Landscaping - Tremblay	20	27-Sep-17	25-Oct-17	27												27-Sep-17			25-Oct-17								
898	Landscaping - Hurdman	20	28-Sep-17	26-Oct-17	27												28-Sep-17			26-Oct-17								
899	Landscaping - Lees	20	29-Sep-17	27-Oct-17	27												29-Sep-17			27-Oct-17								
900	Landscaping - uOttawa	20	02-Oct-17	30-Oct-17	27												02-Oct-17			30-Oct-17								
901	Landscaping - Blair	20	02-Oct-17	30-Oct-17	27												02-Oct-17			30-Oct-17								
902	Landscaping - Cyrville	20	03-Oct-17	31-Oct-17	27												03-Oct-17			31-Oct-17								
903	Landscaping - U/G Stations	20	03-Oct-17	16-Apr-18	26												03-Oct-17								16-Apr-18			
904	Landscaping - Pimisi	20	18-Oct-17	27-Apr-18	17												18-Oct-17								27-Apr-18			
905	Landscaping - Bayview	20	18-Oct-17	27-Apr-18	17												18-Oct-17								27-Apr-18			
906	Landscaping - Tunney's Pasture	20	18-Oct-17	27-Apr-18	16												18-Oct-17								27-Apr-18			
907	Landscaping Complete	0		30-Apr-18	16																							
908	TRACKWORKS	385	21-Mar-16 A	29-Sep-17	6																							
909	Segment 5	149	21-Mar-16 A	31-Oct-16 A																								
910	Trackwork (Direct Fixation) - St.Laurent Area - Remaining Westbound Line	26	15-Sep-16 A	21-Oct-16 A		6 A																						
911	Trackwork (Ballasted) (Special Trackwork Included) - Part 2 (2016)	70	21-Mar-16 A	31-Oct-16 A																								
912	Segment 4	44	26-Jul-16 A	07-Nov-16 A																								
913	Trackwork for Segment 4 (Special Trackwork & Balasted) Phase 2 (106+600 to 106+050)	44	26-Jul-16 A	07-Nov-16 A																								
914	Segment 3	245	04-Aug-16 A	31-Jul-17	11																							
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 26 of 62		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work												Date		Revision	Checked	Approved								
Data Date: 21-Nov-16																21-Jul-15	Rev.2.2	OLRT	RIO									
																21-Apr-16	Rev.2.3	OLRT										
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
986	Vehicle On-Board Controller Hardware Prototype Verification & Qualification	39	23-Dec-16	21-Feb-17	28			23-Dec-16					21-Feb-17														
987	VOBC Software	259	28-Dec-16	09-Jan-18	53																						
988	Vehicle on Board Controller Software Build 2 Preparation	33	28-Dec-16	13-Feb-17	0			28-Dec-16				13-Feb-17															
989	Vehicle on Board Controller Software Build 2 Integration	32	14-Feb-17	30-Mar-17	0					4-Feb-17			30-Mar-17														
990	Vehicle on Board Controller Software Build 2 Verification	20	31-Mar-17	28-Apr-17	0						31-Mar-17			28-Apr-17													
991	Vehicle on Board Controller Software Build 2 Completion	0		28-Apr-17	0																						
992	Vehicle on Board Controller Software Build 3 Start (ATS Sys - Connection has to be checked)	0	12-May-17		21																						
993	Vehicle on Board Controller Software Build 3 Fine Tuning & Integration	32	12-May-17	27-Jun-17	21								12-May-17				27-Jun-17										
994	Vehicle on Board Controller Software Build 3 Verification	20	28-Jun-17	26-Jul-17	21										28-Jun-17				26-Jul-17								
995	Vehicle on Board Controller Software Build 3 Completion	0		26-Jul-17	21																						
996	Vehicle on Board Controller Software Build 4 Start (ATS Sys - Connection has to be checked)	0	25-Oct-17		53																						
997	Vehicle on Board Controller Software Build 4 Fine Tuning & Integration	32	25-Oct-17	07-Dec-17	53												25-Oct-17				07-Dec-17						
998	Vehicle on Board Controller Software Build 4 Verification	20	08-Dec-17	09-Jan-18	53													08-Dec-17				09-Jan-18					
999	Vehicle on Board Controller Software Build 4 Completion	0		09-Jan-18	53																						
1000	Station Controller ZC /Wayside (Software)	184	12-May-17	07-Feb-18	32																						
1001	Zone Controller System- Software Build 3 Preparation	0	12-May-17		0																						
1002	Zone Controller System- Software Build 3 Integration & Release	38	12-May-17	06-Jul-17	0								12-May-17				06-Jul-17										
1003	Zone Controller System- Software Build 3 Maintenance Train Ampang & KJ	20	07-Jul-17	03-Aug-17	0										07-Jul-17				03-Aug-17								
1004	Zone Controller System- Software Build 3 SWAT Verification	15	04-Aug-17	25-Aug-17	0											04-Aug-17				25-Aug-17							
1005	Zone Controller System- Software Build 3 Completion	0		25-Aug-17	0																						
1006	Zone Controller System- Software Build 4 Preparation	0	25-Oct-17		32																						
1007	Zone Controller System- Software Build 4 Integration & Release	38	25-Oct-17	15-Dec-17	32												25-Oct-17				15-Dec-17						
1008	Zone Controller System- Software Build 4 Maintenance Train Ampang & KJ	20	18-Dec-17	17-Jan-18	32													18-Dec-17				17-Jan-18					
1009	Zone Controller System- Software Build 4 SWAT Verification	15	18-Jan-18	07-Feb-18	32														18-Jan-18				07-Feb-18				
1010	Zone Controller System- Software Build 4 Completion	0		07-Feb-18	32																						
1011	ATS (Software)	261	31-Jan-17	13-Feb-18	28																						
1012	Automated Train Scheduling System- Software Build 3 Start	0	31-Jan-17		0																						
1013	Automated Train Scheduling System- Software Build 3 Completion	0		11-May-17	0																						
1014	Automated Train Scheduling System- Software - Build 3	71	31-Jan-17	11-May-17	0					31-Jan-17																	
1015	Automated Train Scheduling System- Software Build 4 Start	0	25-Oct-17		28																						
1016	Automated Train Scheduling System- Software Build 4 Completion	0		13-Feb-18	28																						
1017	Automated Train Scheduling System- Software - Build 4	77	25-Oct-17	13-Feb-18	28												25-Oct-17								13-Feb-18		
1018	Simulator and Tools	289	31-Jan-17	26-Mar-18	0																						
1019	Train Control System - Environmental Simulator Build 3 Start	0	31-Jan-17		47																						
1020	Train Control System - Environmental Simulator Build 3 (System Acceptance Test Release)	97	31-Jan-17	19-Jun-17	47					31-Jan-17																	

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 29 of 62

Remaining LOE
 Actual Work
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 Critical Work

Date	Revision	Checked	Approved
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1021	Train Control System - Environmental Simulator Build 4 Start	0	25-Oct-17		0																								
1022	Train Control System - Environmental Simulator Build 4 (Post Operation Release)	105	25-Oct-17	26-Mar-18	0													25-Oct-17									26-Mar-18		
1023	Verification and Testing	329	31-Jan-17	23-May-18	0																								
1024	System Acceptance Testing - FAT Build	42	31-Jan-17	31-Mar-17	0				31-Jan-17				31-Mar-17																
1025	System Acceptance Testing - SAT Build	40	28-Aug-17	24-Oct-17	0												28-Aug-17			24-Oct-17									
1026	System Acceptance Testing - Revenue Build	40	27-Mar-18	23-May-18	0																								
1027	System Delivery	471	10-Mar-16 A	24-Jan-18	3																								
1028	Vehicle CBTC Installation & PICO	471	10-Mar-16 A	24-Jan-18	3																								
1029	Support Install & Static PICO vehicle #3 to 34	471	10-Mar-16 A	24-Jan-18	3																								
1030	Handover Works	19	26-Apr-18	23-May-18	0																								
1031	System Safety Report	19	26-Apr-18	23-May-18	0																								
1032	Safety Certification Readiness Review	19	26-Apr-18	23-May-18	0																								
1033	Submit Final Safety Report	0		23-May-18	0																								
1034	CBTC & COMS WAYSIDE / CENTRAL EQUIPMENTS INSTALLATIONS	456	01-Mar-16 A	22-Nov-17	36																								
1035	CBTC System Installations	455	01-Mar-16 A	21-Nov-17	39																								
1036	MSF Installation & PICO	297	01-Mar-16 A	05-Apr-17	41																								
1037	Equipment Installation - MSF	297	16-Jun-16 A	05-Apr-17	41																								
1038	UPS Installation & PICO	16	22-Nov-16	13-Dec-16	20				22-Nov-16				13-Dec-16																
1039	Material Delivery UPS Power Distribution Panel	0		16-Dec-16*	20																								
1040	UPS Power Distribution (Panel, Cable Termination)	23	22-Nov-16	22-Dec-16	20				22-Nov-16				22-Dec-16																
1041	AC/DC Convertor Installation	23	22-Nov-16	22-Dec-16	20				22-Nov-16				22-Dec-16																
1042	Material Delivery CBTC YCC/BCC Eqp - Console	0		01-Mar-17*	41																								
1043	Install CBTC Central YCC/BCC Eqp (Including Video Wall)	20	02-Mar-17	29-Mar-17	41							02-Mar-17				29-Mar-17													
1044	PICO CBTC Central YCC/BCC Eqp (Including Video Wall)	5	30-Mar-17	05-Apr-17	41							30-Mar-17				05-Apr-17													
1045	SCR Room	227	16-Jun-16 A	22-Dec-16	20																								
1046	Install CBTC SCR Rack Installation & Initial Cable Terminations	70	16-Jun-16 A	21-Nov-16	20								21-Nov-16																
1047	ESB Wiring to CTF & Cff to ZC Cable Termination	7	22-Nov-16	30-Nov-16	20				22-Nov-16				30-Nov-16																
1048	PICO - ZC, Cables (Sub),Relay Rack, DCS Rack WPCRC, CTF, FODF, PPDR @ SCR	8	01-Dec-16	12-Dec-16	20				01-Dec-16				12-Dec-16																
1049	PICO Final Reports @ SCR Equipment	8	13-Dec-16	22-Dec-16	20							13-Dec-16				22-Dec-16													
1050	EER Room	224	16-Jun-16 A	19-Dec-16	23																								
1051	Install CBTC EER Rack Installation & Initial Cable Terminations	70	16-Jun-16 A	25-Nov-16	23								25-Nov-16																
1052	Cable Termination of F03 Cable @ EER Equipment	5	28-Nov-16	02-Dec-16	23				28-Nov-16				02-Dec-16																
1053	PICO-003 ATS/DCS Racks, 006 FODF @ EER Equipment	6	05-Dec-16	12-Dec-16	23				05-Dec-16				12-Dec-16																
1054	PICO Final Reports @ EER Equipment	5	13-Dec-16	19-Dec-16	23							13-Dec-16				19-Dec-16													
1055	Equipment Installation - Storage Shed & Yard Area	220	01-Mar-16 A	13-Jan-17	18																								
1056	Install CBTC WRU & AP Yard	75	01-Mar-16 A	02-Dec-16	24								02-Dec-16																
1057	Install CBTC TAG Yard	29	16-Jun-16 A	12-Dec-16	18								12-Dec-16																
1058	ESB Field Cable Termination	10	05-Dec-16	16-Dec-16	24				05-Dec-16				16-Dec-16																

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 30 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
21-Nov-16	Rev.3.0	OLRT	

		OLRT Constructors/Constructeurs - Confederation Line Project										OLRT PROJECT SCHEDULE REV 3 - Nov 2016															
		Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										19-Dec-16															
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1059	PICO CBTC @ Yard	10	13-Dec-16	28-Dec-16	18			13-Dec-16		28-Dec-16																	
1060	PICO Final Reports CBTC @ Yard	11	29-Dec-16	13-Jan-17	18			29-Dec-16		13-Jan-17																	
1061	Zone 4 & Zone 3 (Test Track Area)	108	30-Aug-16 A	17-Feb-17	50																						
1062	Cabling	30	30-Aug-16 A	30-Dec-16	41																						
1063	Blair to Cyrville Wayside (108.866 - 110.638) - Cabling	11	30-Aug-16 A	15-Nov-16 A																							
1064	COM & CBTC Cable Install - Blair to Cyrville	11	30-Aug-16 A	15-Nov-16 A																							
1065	COM & CBTC Cable Install - Cable Pull East Bond - Blair to Cyrville	11	13-Sep-16 A	15-Nov-16 A	6 A																						
1066	COM & CBTC Cable Install - Cable Pull West Bond - Blair to Cyrville	11	30-Aug-16 A	15-Nov-16 A																							
1067	Cyrville to St.Laurent Wayside (107.916 - 108.776) - Cabling	11	13-Sep-16 A	18-Nov-16 A																							
1068	COM & CBTC Cable Install - Cyrville to St.Laurent	11	13-Sep-16 A	18-Nov-16 A	6 A																						
1069	COM & CBTC Cable Install - Cable Pull East Bond - Cyrville to St.Laurent	11	19-Sep-16 A	18-Nov-16 A	16 A																						
1070	COM & CBTC Cable Install - Cable Pull West Bond - Cyrville to St.Laurent	11	13-Sep-16 A	18-Nov-16 A	6 A																						
1071	St. Laurent to Tremblay Wayside (106.523 - 107.826) - Cabling	20	30-Sep-16 A	30-Dec-16	3																						
1072	COM & CBTC System Cable Install -St. Laurent to Tremblay Wayside	20	30-Sep-16 A	15-Dec-16	12 ep-16 A																						
1073	COM & CBTC Cable Install - Cable Pull East Bond - St. Laurent to MSF	20	30-Sep-16 A	15-Dec-16	3 ep-16 A																						
1074	COM & CBTC Cable Install - Cable Pull West Bond - St. Laurent to Tremblay Wayside	20	30-Sep-16 A	30-Dec-16	3 ep-16 A																						
1075	MSF Connector - Cabling	20	30-Sep-16 A	15-Dec-16	12																						
1076	COM & CBTC System Cable Install -MSF Connector to St. Laurent & Tremblay	20	30-Sep-16 A	15-Dec-16	12 ep-16 A																						
1077	COM & CBTC Cable Install - Cable Pull East Bond - MSF & Tremblay	20	30-Sep-16 A	15-Dec-16	12 ep-16 A																						
1078	Central Equipment Installation	54	09-Nov-16 A	17-Feb-17	50																						
1079	Blair Station	54	09-Nov-16 A	17-Feb-17	50																						
1080	POWER READINESS	40	21-Dec-16	17-Feb-17	50																						
1081	Permanent Power Available (HOL) @ Blair Station	0	21-Dec-16		68																						
1082	Temporary Power for CBTC Racks	12	21-Dec-16	10-Jan-17	68			21-Dec-16		10-Jan-17																	
1083	Material Delivery UPS & Power Distribution Panel	0	01-Feb-17*		50																						
1084	UPS Installation	5	01-Feb-17	07-Feb-17	50					01-Feb-17		07-Feb-17															
1085	UPS Distribution Pannels Installation	5	01-Feb-17	07-Feb-17	50					01-Feb-17		07-Feb-17															
1086	UPS Power Distribution Cable Pulling & Termination	5	08-Feb-17	14-Feb-17	50					08-Feb-17		14-Feb-17															
1087	PICO - UPS	3	15-Feb-17	17-Feb-17	50					15-Feb-17		17-Feb-17															
1088	CBTC & COMMS ROOM	54	09-Nov-16 A	14-Feb-17	43																						
1089	Equipment Room Required Date for CBTC & COMM'S Installation @ Blair	0	09-Nov-16 A																								
1090	Cable Tray Installation @ Blair	10	16-Nov-16 A	02-Dec-16	43			16-Nov-16 A		02-Dec-16																	
1091	Install CTFs @ Blair	7	05-Dec-16	13-Dec-16	43			05-Dec-16		13-Dec-16																	
1092	Install FODF's @ Blair	9	05-Dec-16	15-Dec-16	45			05-Dec-16		15-Dec-16																	
1093	Terminate Copper @ Blair	4	14-Dec-16	19-Dec-16	43			14-Dec-16		19-Dec-16																	
1094	Terminate Fibre @ Blair	5	16-Dec-16	22-Dec-16	45			16-Dec-16		22-Dec-16																	
1095	Rack Installations @ Blair	5	20-Dec-16	28-Dec-16	43			20-Dec-16		28-Dec-16																	
1096	In Room Wiring @ Blair	15	07-Dec-16	29-Dec-16	43			07-Dec-16		29-Dec-16																	
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 31 of 62		Remaining LOE Actual Work Actual LOE Milestone Remaining Work Critical Work												Date		Revision		Checked		Approved					
Data Date: 21-Nov-16																21-Jul-15		Rev.2.2		OLRT		RIO					
																21-Apr-16		Rev.2.3		OLRT							
																21-Nov-16		Rev.3.0		OLRT							

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018							
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
1097	Work Station Install @ Blair	2	29-Dec-16	30-Dec-16	43			29-Dec-16	30-Dec-16																
1098	PICO CBTC & COMMS @ Blair	10	03-Jan-17	16-Jan-17	43			03-Jan-17	16-Jan-17																
1099	PICO Final Reports CBTC @ Blair	21	17-Jan-17	14-Feb-17	43			17-Jan-17	14-Feb-17																
1100	Cyrville Station	38	20-Dec-16	14-Feb-17	43																				
1101	Equipment Room Required Date for CBTC & COMMS Installation @ Cyrville Station	0	20-Dec-16		43																				
1102	Install FODF's @ Cyrville	5	29-Dec-16	05-Jan-17	43			29-Dec-16	05-Jan-17																
1103	Terminate Fibre @ Cyrville	10	06-Jan-17	19-Jan-17	43			06-Jan-17	19-Jan-17																
1104	PICO CBTC & COMMS @ Cyrville	5	20-Jan-17	26-Jan-17	43			20-Jan-17	26-Jan-17																
1105	PICO Final Reports CBTC @ Cyrville	13	27-Jan-17	14-Feb-17	43			27-Jan-17	14-Feb-17																
1106	Wayside Equipment Installation	87	27-Sep-16 A	30-Jan-17	54																				
1107	Test Track Area - WRU/FPSE	83	11-Nov-16 A	24-Jan-17	58																				
1108	Cable Pull to Location	5	11-Nov-16 A	21-Nov-16 A				11-Nov-16 A	21-Nov-16 A																
1109	WRU/FPSE Install (OCS Poles)	15	21-Nov-16	09-Dec-16	58			21-Nov-16	09-Dec-16																
1110	Field Cable Terminations & Track Side Ground	7	12-Dec-16	20-Dec-16	58			12-Dec-16	20-Dec-16																
1111	WRU/FPSE PICO	12	21-Dec-16	10-Jan-17	58			21-Dec-16	10-Jan-17																
1112	PICO Final Reports @ WRU/FPSE	10	11-Jan-17	24-Jan-17	58			11-Jan-17	24-Jan-17																
1113	Test Track Area - AP Antennas	73	11-Nov-16 A	24-Jan-17	58																				
1114	Cable Pull to Location	5	11-Nov-16 A	21-Nov-16 A				11-Nov-16 A	21-Nov-16 A																
1115	Antenna Install (OCS Pole)	20	18-Nov-16 A	25-Nov-16	58			18-Nov-16 A	25-Nov-16																
1116	Field Cable Terminations & Track Side Ground	17	28-Nov-16	20-Dec-16	58			28-Nov-16	20-Dec-16																
1117	Antenna PICO	12	21-Dec-16	10-Jan-17	58			21-Dec-16	10-Jan-17																
1118	PICO Final Reports @ AP Antennas	10	11-Jan-17	24-Jan-17	58			11-Jan-17	24-Jan-17																
1119	Test Track Area - Point Machine	32	12-Dec-16	27-Jan-17	55																				
1120	SWM JB Installation	5	12-Dec-16*	16-Dec-16	55			12-Dec-16*	16-Dec-16																
1121	Insulation of Axle Count Equipment - MSF Connection Track Wayside (IP-04)	5	19-Dec-16	23-Dec-16	62			19-Dec-16	23-Dec-16																
1122	Cable Pull to Location	5	19-Dec-16	23-Dec-16	55			19-Dec-16	23-Dec-16																
1123	Field Cable Terminations & Track Side Ground	7	28-Dec-16	06-Jan-17	55			28-Dec-16	06-Jan-17																
1124	PICO	5	09-Jan-17	13-Jan-17	55			09-Jan-17	13-Jan-17																
1125	PICO Final Reports @ Point Machines	10	16-Jan-17	27-Jan-17	55			16-Jan-17	27-Jan-17																
1126	Test Track Area - Signals	37	06-Dec-16	30-Jan-17	54																				
1127	Mast/Base Install	3	06-Dec-16*	08-Dec-16	54			06-Dec-16*	08-Dec-16																
1128	Signal Install	3	09-Dec-16	13-Dec-16	54			09-Dec-16	13-Dec-16																
1129	Cable Pull to Location	8	14-Dec-16	23-Dec-16	54			14-Dec-16	23-Dec-16																
1130	Field Cable Terminations & Track Side Ground	8	28-Dec-16	09-Jan-17	54			28-Dec-16	09-Jan-17																
1131	PICO Signals	5	10-Jan-17	16-Jan-17	54			10-Jan-17	16-Jan-17																
1132	PICO Final Reports @ Signals	10	17-Jan-17	30-Jan-17	54			17-Jan-17	30-Jan-17																
1133	Test Track Area - TAGS	68	27-Sep-16 A	04-Jan-17	72																				

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
21-Nov-16	Rev.3.0	OLRT	



OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1134	Thales Review	10	27-Sep-16 A	25-Oct-16 A		p-16 A			25-Oct-16 A																		
1135	Re-survey	4	26-Oct-16 A	17-Nov-16 A		26-Oct-16 A			17-Nov-16 A																		
1136	Install Tags	20	18-Nov-16 A	09-Dec-16	72		18-Nov-16 A			09-Dec-16																	
1137	Scan/PICO Tags	5	12-Dec-16	16-Dec-16	72			12-Dec-16		16-Dec-16																	
1138	PICO Final Reports @ Tags	10	19-Dec-16	04-Jan-17	72			19-Dec-16		04-Jan-17																	
1139	Zone 3	141	22-Dec-16	17-Jul-17	3																						
1140	Cabling	78	22-Dec-16	17-Apr-17	3																						
1141	Tremblay to Hurdman Wayside (105.467 - 106.433) - Cabling	45	22-Dec-16	28-Feb-17	3																						
1142	Equipment Room Required Date for CBTC & COMM'S Cabling Between Stations @ Trambley Stn.	0	22-Dec-16		3																						
1143	Equipment Room Required Date for CBTC & COMM'S Cabling Between Stations @ Hurdman Stn.	0	22-Dec-16		3																						
1144	COM & CBTC Cable Install - Tremblay to Hurdman Wayside	40	03-Jan-17	28-Feb-17	3			03-Jan-17			28-Feb-17																
1145	Hurdman to Lees Wayside (upto Rideau River B. ; 104.975 - 105.377) - Cabling	33	01-Mar-17	17-Apr-17	3																						
1146	COM & CBTC Cable Install - Hurdman to Lees Wayside	33	01-Mar-17	17-Apr-17	3					01-Mar-17			17-Apr-17														
1147	Central Equipment Installation	75	22-Dec-16	11-Apr-17	69																						
1148	St. Laurent Station	35	06-Jan-17	24-Feb-17	101																						
1149	Equipment Room Required Date for CBTC & COMM'S Installation @ St. Laurent Station	0	06-Jan-17		51																						
1150	Install FODR's @ St. Laurent Station	5	06-Jan-17	12-Jan-17	51			06-Jan-17		12-Jan-17																	
1151	Terminate Fibre @ St. Laurent Station	10	20-Jan-17	02-Feb-17	46			20-Jan-17		02-Feb-17																	
1152	PICO CBTC & COMMS @ St. Laurent Station	5	03-Feb-17	09-Feb-17	46			03-Feb-17		09-Feb-17																	
1153	PICO Final Reports CBTC @ St. Laurent Station	10	10-Feb-17	24-Feb-17	101			10-Feb-17		24-Feb-17																	
1154	Trembley Station	70	22-Dec-16	04-Apr-17	74																						
1155	POWER READINESS	18	08-Feb-17	06-Mar-17	78																						
1156	Material Delivery UPS & Power Distribution Panel	0	08-Feb-17		78																						
1157	UPS Installation	5	15-Feb-17	22-Feb-17	78				15-Feb-17		22-Feb-17																
1158	UPS Distribution Pannels Installation	5	15-Feb-17	22-Feb-17	78				15-Feb-17		22-Feb-17																
1159	UPS Power Distribution Cable Pulling & Termination	5	23-Feb-17	01-Mar-17	78				23-Feb-17		01-Mar-17																
1160	PICO - UPS	3	02-Mar-17	06-Mar-17	78				02-Mar-17		06-Mar-17																
1161	CBTC & COMMS ROOM	70	22-Dec-16	04-Apr-17	74																						
1162	Equipment Room Required Date for CBTC & COMM'S Installation @ Trambley Station	0	22-Dec-16		74																						
1163	Cable Tray Installation @ Tremblay Station	15	03-Jan-17	23-Jan-17	74			03-Jan-17		23-Jan-17																	
1164	Install CTF's @ Tremblay Station	7	24-Jan-17	01-Feb-17	74			24-Jan-17		01-Feb-17																	
1165	Install FODF's @ Tremblay Station	9	24-Jan-17	03-Feb-17	74			24-Jan-17		03-Feb-17																	
1166	Terminate Copper @ Tremblay Station	4	02-Feb-17	07-Feb-17	74				02-Feb-17		07-Feb-17																
1167	Terminate Fibre @ Tremblay Station	5	06-Feb-17	10-Feb-17	74				06-Feb-17		10-Feb-17																
1168	Rack Installations @ Tremblay Station	5	08-Feb-17	14-Feb-17	74				08-Feb-17		14-Feb-17																
1169	In Room Wiring @ Tremblay Station	15	15-Feb-17	08-Mar-17	74				15-Feb-17		08-Mar-17																
1170	Work Station Install @ Tremblay Station	2	09-Mar-17	10-Mar-17	74				09-Mar-17		10-Mar-17																

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 33 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
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		OLRT Constructors/Constructeurs - Confederation Line Project										OLRT PROJECT SCHEDULE REV 3 - Nov 2016															
		Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										19-Dec-16															
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1171	PICO CBTC & COMMS @ Tremblay Station	10	13-Mar-17	24-Mar-17	74							13-Mar-17	24-Mar-17														
1172	PICO Final Reports CBTC @ Tremblay Station	7	27-Mar-17	04-Apr-17	74							27-Mar-17	04-Apr-17														
1173	Hurdman Station	35	22-Feb-17	11-Apr-17	69																						
1174	Equipment Room Required Date for CBTC & COMM'S Installation @ Hurdman Station	0	22-Feb-17		69																						
1175	Install FODR's @ Hurdman Station	5	01-Mar-17	07-Mar-17	69							01-Mar-17	07-Mar-17														
1176	Terminate Fibre @ Hurdman Station	10	08-Mar-17	21-Mar-17	69							08-Mar-17	21-Mar-17														
1177	PICO CBTC & COMMS @ Hurdman Station	5	22-Mar-17	28-Mar-17	69							22-Mar-17	28-Mar-17														
1178	PICO Final Reports CBTC @ Hurdman Station	10	29-Mar-17	11-Apr-17	69							29-Mar-17	11-Apr-17														
1179	Wayside Equipment Installation	63	18-Apr-17	17-Jul-17	3																						
1180	Zone 3 - WRU/FPSE	54	18-Apr-17	04-Jul-17	12																						
1181	Cable Pull to Location	10	18-Apr-17	01-May-17	3							18-Apr-17	01-May-17														
1182	WRU/FPSE Install (OCS Poles)	15	02-May-17	23-May-17	12							02-May-17	23-May-17														
1183	Field Cable Terminations & Track Side Ground	7	24-May-17	01-Jun-17	12							24-May-17	01-Jun-17														
1184	WRU/FPSE PICO	12	02-Jun-17	19-Jun-17	12							02-Jun-17	19-Jun-17														
1185	PICO Final Reports @ WRU/FPSE	10	20-Jun-17	04-Jul-17	12							20-Jun-17	04-Jul-17														
1186	Zone 3 - AP Antennas	63	18-Apr-17	17-Jul-17	3																						
1187	Cable Pull to Location	6	18-Apr-17	25-Apr-17	3							18-Apr-17	25-Apr-17														
1188	Antenna Install (OCS Pole)	20	24-Apr-17	19-May-17	3							24-Apr-17	19-May-17														
1189	Field Cable Terminations & Track Side Ground	17	23-May-17	14-Jun-17	3							23-May-17	14-Jun-17														
1190	Antenna PICO	12	15-Jun-17	30-Jun-17	3							15-Jun-17	30-Jun-17														
1191	PICO Final Reports @ AP Antennas	10	04-Jul-17	17-Jul-17	3							04-Jul-17	17-Jul-17														
1192	Zone 3 - Point Machine	32	24-May-17	07-Jul-17	9																						
1193	SWM JB Installation	5	24-May-17*	30-May-17	9							24-May-17*	30-May-17														
1194	Insulation of Axle Count Equipment - MSF Connection Track Wayside (IP-04)	5	31-May-17	06-Jun-17	16							31-May-17	06-Jun-17														
1195	Cable Pull to Location	5	31-May-17	06-Jun-17	9							31-May-17	06-Jun-17														
1196	Field Cable Terminations & Track Side Ground	7	07-Jun-17	15-Jun-17	9							07-Jun-17	15-Jun-17														
1197	PICO	5	16-Jun-17	22-Jun-17	9							16-Jun-17	22-Jun-17														
1198	PICO Final Reports @ Point Machines	10	23-Jun-17	07-Jul-17	9							23-Jun-17	07-Jul-17														
1199	Zone 3 - Signals	37	24-May-17	14-Jul-17	4																						
1200	Mast/Base Install	3	24-May-17*	26-May-17	4							24-May-17*	26-May-17														
1201	Signal Install	3	29-May-17	31-May-17	4							29-May-17	31-May-17														
1202	Cable Pull to Location	8	01-Jun-17	12-Jun-17	4							01-Jun-17	12-Jun-17														
1203	Field Cable Terminations & Track Side Ground	8	13-Jun-17	22-Jun-17	4							13-Jun-17	22-Jun-17														
1204	PICO Signals	5	23-Jun-17	29-Jun-17	4							23-Jun-17	29-Jun-17														
1205	PICO Final Reports @ Signals	10	30-Jun-17	14-Jul-17	4							30-Jun-17	14-Jul-17														
1206	Zone 3 - TAGS	60	18-Apr-17	12-Jul-17	6																						
1207	Survey	5	18-Apr-17	24-Apr-17	11							18-Apr-17	24-Apr-17														
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 34 of 62		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work										Date		Revision	Checked	Approved									
Data Date: 21-Nov-16														21-Jul-15		Rev.2.2	OLRT	RIO									
														21-Apr-16		Rev.2.3	OLRT										
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		OLRT Constructors/Constructeurs - Confederation Line Project										OLRT PROJECT SCHEDULE REV 3 - Nov 2016															
		Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										19-Dec-16															
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1208	Submission	1	25-Apr-17	25-Apr-17	11								25-Apr-17	25-Apr-17													
1209	Thales Review	10	26-Apr-17	09-May-17	11								26-Apr-17	09-May-17													
1210	Re-survey	4	10-May-17	15-May-17	11								10-May-17	15-May-17													
1211	Install Tags	20	24-May-17	20-Jun-17	6								24-May-17	20-Jun-17													
1212	Scan/PICO Tags	5	21-Jun-17	27-Jun-17	6								21-Jun-17	27-Jun-17													
1213	PICO Final Reports @ Tags	10	28-Jun-17	12-Jul-17	6								28-Jun-17	12-Jul-17													
1214	Zone 2	147	27-Mar-17	25-Oct-17	0																						
1215	Cabling	140	27-Mar-17	16-Oct-17	7																						
1216	Lees to Hurdman Wayside (to Rideau River B. ; 104.647 - 104.975) - Cabling	30	27-Mar-17	08-May-17	12																						
1217	COM & CBTC Cable Install - Lees to Hurdman Wayside	30	27-Mar-17	08-May-17	12								27-Mar-17	08-May-17													
1218	uOttawa to Lees Wayside (103.639 - 104.557) - Cabling	30	09-May-17	20-Jun-17	12																						
1219	COM & CBTC Cable Install - uOttawa to Lees Wayside	30	09-May-17	20-Jun-17	12								09-May-17	20-Jun-17													
1220	Rideau to uOttawa Wayside (102.610 - 103.549) - Cabling	30	01-Sep-17	16-Oct-17	7																						
1221	COM & CBTC Cable Install - Rideau to uOttawa Wayside	30	01-Sep-17	16-Oct-17	7												01-Sep-17	16-Oct-17									
1222	Parliament to Rideau Wayside (101.742 - 102.399) - Cabling	30	01-Sep-17	16-Oct-17	7												01-Sep-17	16-Oct-17									
1223	COM & CBTC Cable Install - Parliament to Rideau Wayside	30	01-Sep-17	16-Oct-17	7												01-Sep-17	16-Oct-17									
1224	Lyon to Parliament Wayside (101.236 - 101.522) - Cabling	30	29-Jun-17	11-Aug-17	1												29-Jun-17	11-Aug-17									
1225	COM & CBTC Cable Install - Lyon to Parliament Wayside	30	29-Jun-17	11-Aug-17	1												29-Jun-17	11-Aug-17									
1226	Pimisi to Lyon Wayside (100.235 - 101.011) - Cabling	30	28-Jun-17	10-Aug-17	7												28-Jun-17	10-Aug-17									
1227	COM & CBTC Cable Install - Pimisi to Lyon Wayside	30	28-Jun-17	10-Aug-17	7												28-Jun-17	10-Aug-17									
1228	Central Equipment Installation	103	29-May-17	24-Oct-17	1																						
1229	Lees Station	35	29-May-17	17-Jul-17	69																						
1230	Equipment Room Required Date for CBTC & COMMS Installation @ Lees Station	0	29-May-17		34																						
1231	Install FODR's @ Lees Station	5	05-Jun-17	09-Jun-17	34									05-Jun-17	09-Jun-17												
1232	Terminate Fibre @ Lees Station	10	12-Jun-17	23-Jun-17	34									12-Jun-17	23-Jun-17												
1233	PICO CBTC & COMMS @ Lees Station	5	26-Jun-17	30-Jun-17	34									26-Jun-17	30-Jun-17												
1234	PICO Final Reports CBTC @ Lees Station	10	04-Jul-17	17-Jul-17	69									04-Jul-17	17-Jul-17												
1235	uOttawa Station	73	21-Jun-17	04-Oct-17	14																						
1236	POWER READINESS	20	21-Jun-17	19-Jul-17	45																						
1237	Material Delivery Required Date UPS & Power Distribution Panel	0	21-Jun-17		45																						
1238	UPS Installation	5	28-Jun-17	05-Jul-17	45									28-Jun-17	05-Jul-17												
1239	UPS Distribution Pannels Installation	5	28-Jun-17	05-Jul-17	45									28-Jun-17	05-Jul-17												
1240	UPS Power Distribution Cable Pulling & Termination	5	06-Jul-17	12-Jul-17	45									06-Jul-17	12-Jul-17												
1241	PICO - UPS	5	13-Jul-17	19-Jul-17	45										13-Jul-17	19-Jul-17											
1242	CBTC & COMMS ROOM	73	21-Jun-17	04-Oct-17	14																						
1243	Equipment Room Required Date for CBTC & COMMS Installation @ Uottawa Station	0	21-Jun-17		14																						
1244	Cable Tray Installation @ Uottawa Station	15	28-Jun-17	19-Jul-17	14									28-Jun-17	19-Jul-17												
1245	Install CTF's @ Uottawa Station	7	20-Jul-17	28-Jul-17	14									20-Jul-17	28-Jul-17												
1246	Install FODF's @ Uottawa Station	9	20-Jul-17	01-Aug-17	14									20-Jul-17	01-Aug-17												
1247	Terminate Copper @ Uottawa Station	4	31-Jul-17	03-Aug-17	14										31-Jul-17	03-Aug-17											
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 35 of 62		Remaining LOE Actual Work Actual LOE Milestone Remaining Work Critical Work										Date		Revision		Checked		Approved							
Data Date: 21-Nov-16														21-Jul-15		Rev.2.2		OLRT		RIO							
														21-Apr-16		Rev.2.3		OLRT									
														21-Nov-16		Rev.3.0		OLRT									

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018							
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
1248	Terminate Fibre @ Uottawa Station	5	02-Aug-17	09-Aug-17	14										02-Aug-17	█	09-Aug-17								
1249	Rack Installations @ Uottawa Station	5	04-Aug-17	11-Aug-17	14										04-Aug-17	█	11-Aug-17								
1250	In Room Wiring @ Uottawa Station	15	14-Aug-17	01-Sep-17	14										14-Aug-17	████	01-Sep-17								
1251	Work Station Install @ Uottawa Station	2	05-Sep-17	06-Sep-17	14										05-Sep-17	█	06-Sep-17								
1252	PICO CBTC & COMMS @ Uottawa Station	10	07-Sep-17	20-Sep-17	14										07-Sep-17	████	20-Sep-17								
1253	PICO Final Reports CBTC @ Uottawa Station	10	21-Sep-17	04-Oct-17	14										21-Sep-17	████	04-Oct-17								
1254	Rideau Station	35	05-Sep-17	24-Oct-17	1												◆								
1255	Equipment Room Required Date for CBTC & COMMS Installation @ Rideau Station	0	05-Sep-17		1																				
1256	Install FODR's @ Rideau Station	5	12-Sep-17	18-Sep-17	1										12-Sep-17	█	18-Sep-17								
1257	Terminate Fibre @ Rideau Station	10	19-Sep-17	02-Oct-17	1										19-Sep-17	████	02-Oct-17								
1258	PICO CBTC & COMMS @ Rideau Station	5	03-Oct-17	10-Oct-17	1										03-Oct-17	█	10-Oct-17								
1259	PICO Final Reports CBTC @ Rideau Station	10	11-Oct-17	24-Oct-17	1										11-Oct-17	████	24-Oct-17								
1260	Parliament Station	50	04-Aug-17	17-Oct-17	6																				
1261	Equipment Room Required Date for CBTC & COMMS Installation @ Parliament Station	0	04-Aug-17		1												◆								
1262	Install FODR's @ Parliament Station	5	14-Aug-17	18-Aug-17	1										14-Aug-17	█	18-Aug-17								
1263	Terminate Fibre @ Parliament Station	10	21-Aug-17	01-Sep-17	1										21-Aug-17	████	01-Sep-17								
1264	PICO CBTC & COMMS @ Parliament Station	5	05-Sep-17	11-Sep-17	1										05-Sep-17	█	11-Sep-17								
1265	PICO Final Reports CBTC @ Parliament Station	25	12-Sep-17	17-Oct-17	6										12-Sep-17	██████	17-Oct-17								
1266	Lyon Station	50	03-Aug-17	16-Oct-17	7																				
1267	Equipment Room Required Date for CBTC & COMMS Installation @ Lyon Station	0	03-Aug-17		7												◆								
1268	Install FODR's @ Lyon Station	5	11-Aug-17	17-Aug-17	7										11-Aug-17	█	17-Aug-17								
1269	Terminate Fibre @ Lyon Station	10	18-Aug-17	31-Aug-17	7										18-Aug-17	████	31-Aug-17								
1270	PICO CBTC & COMMS @ Lyon Station	5	01-Sep-17	08-Sep-17	7										01-Sep-17	█	08-Sep-17								
1271	PICO Final Reports CBTC @ Lyon Station	25	11-Sep-17	16-Oct-17	7										11-Sep-17	██████	16-Oct-17								
1272	Wayside Equipment Installation	75	12-Jul-17	25-Oct-17	0																				
1273	Zone 2 - WRU/FPSE	59	12-Jul-17	04-Oct-17	14																				
1274	Cable Pull to Location	10	12-Jul-17	25-Jul-17	0										12-Jul-17	████	25-Jul-17								
1275	WRU/FPSE Install (OCS Poles)	15	26-Jul-17	16-Aug-17	14										26-Jul-17	██████	16-Aug-17								
1276	Field Cable Terminations & Track Side Ground	7	17-Aug-17	25-Aug-17	14										17-Aug-17	█	25-Aug-17								
1277	WRU/FPSE PICO	12	28-Aug-17	13-Sep-17	14										28-Aug-17	████	13-Sep-17								
1278	PICO Final Reports @ WRU/FPSE	15	14-Sep-17	04-Oct-17	14										14-Sep-17	██████	04-Oct-17								
1279	Zone 2 - AP Antennas	63	26-Jul-17	25-Oct-17	0																				
1280	Cable Pull to Location	10	26-Jul-17	09-Aug-17	0										26-Jul-17	████	09-Aug-17								
1281	Antenna Install (OCS Pole)	20	01-Aug-17	29-Aug-17	0										01-Aug-17	██████	29-Aug-17								
1282	Field Cable Terminations & Track Side Ground	17	30-Aug-17	22-Sep-17	0										30-Aug-17	██████	22-Sep-17								
1283	Antenna PICO	12	25-Sep-17	11-Oct-17	0										25-Sep-17	████	11-Oct-17								
1284	PICO Final Reports @ AP Antennas	10	12-Oct-17	25-Oct-17	0										12-Oct-17	████	25-Oct-17								

Data Date: 21-Nov-16

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1285	Zone 2 - Point Machine	32	24-Aug-17	10-Oct-17	11													24-Aug-17	■	30-Aug-17									
1286	SWM JB Installation	5	24-Aug-17	30-Aug-17	11																								
1287	Cable Pull to Location	5	31-Aug-17	07-Sep-17	11													31-Aug-17	■	07-Sep-17									
1288	Field Cable Terminations & Track Side Ground	7	08-Sep-17	18-Sep-17	11													08-Sep-17	■	18-Sep-17									
1289	PICO	5	19-Sep-17	25-Sep-17	11													19-Sep-17	■	25-Sep-17									
1290	PICO Final Reports @ Point Machines	10	26-Sep-17	10-Oct-17	11													26-Sep-17	■	10-Oct-17									
1291	Zone 2 - Signals	37	24-Aug-17	17-Oct-17	6													24-Aug-17	■	28-Aug-17									
1292	Mast/Base Install	3	24-Aug-17	28-Aug-17	6													29-Aug-17	■	31-Aug-17									
1293	Signal Install	3	29-Aug-17	31-Aug-17	6													01-Sep-17	■	13-Sep-17									
1294	Cable Pull to Location	8	01-Sep-17	13-Sep-17	6													14-Sep-17	■	25-Sep-17									
1295	Field Cable Terminations & Track Side Ground	8	14-Sep-17	25-Sep-17	6													26-Sep-17	■	02-Oct-17									
1296	PICO Signals	5	26-Sep-17	02-Oct-17	6													03-Oct-17	■	17-Oct-17									
1297	PICO Final Reports @ Signals	10	03-Oct-17	17-Oct-17	6																								
1298	Zone 2 - TAGS	55	27-Jul-17	16-Oct-17	7													27-Jul-17	■	02-Aug-17									
1299	Survey	5	27-Jul-17	02-Aug-17	7													03-Aug-17	■	03-Aug-17									
1300	Submission	1	03-Aug-17	03-Aug-17	7													04-Aug-17	■	18-Aug-17									
1301	Thales Review	10	04-Aug-17	18-Aug-17	7													21-Aug-17	■	24-Aug-17									
1302	Re-survey	4	21-Aug-17	24-Aug-17	7													25-Aug-17	■	22-Sep-17									
1303	Install Tags	20	25-Aug-17	22-Sep-17	7													25-Sep-17	■	29-Sep-17									
1304	Scan/PICO Tags	5	25-Sep-17	29-Sep-17	7													02-Oct-17	■	16-Oct-17									
1305	PICO Final Reports @ Tags	10	02-Oct-17	16-Oct-17	7																								
1306	Zone 1	88	20-Jun-17	25-Oct-17	0																								
1307	Cabling	34	20-Jun-17	08-Aug-17	10																								
1308	Bayview to Pimisi Wayside (99.401 - 100.145) - Cabling	25	04-Jul-17	08-Aug-17	10													04-Jul-17	■	08-Aug-17									
1309	COM & CBTC Cable Install - Bayview to Pimisi Wayside	25	04-Jul-17	08-Aug-17	10																								
1310	Tunneys to Bayview Wayside (98.065 - 99.311)- Cabling	25	20-Jun-17	25-Jul-17	0																								
1311	COM & CBTC Cable Install - Tunneys to Bayview Wayside	25	20-Jun-17	25-Jul-17	0													20-Jun-17	■	25-Jul-17									
1312	Central Equipment Installation	63	26-Jul-17	25-Oct-17	0																								
1313	Pimisi Station	49	01-Aug-17	11-Oct-17	10																								
1314	Equipment Room Required Date for CBTC & COMMS Installation @ Pimisi Station	0	01-Aug-17		10													◆											
1315	Install FODR's @ Pimisi Station	5	09-Aug-17	15-Aug-17	10													09-Aug-17	■	15-Aug-17									
1316	Terminate Fibre @ Pimisi Station	10	16-Aug-17	29-Aug-17	10													16-Aug-17	■	29-Aug-17									
1317	PICO CBTC & COMMS @ Pimisi Station	10	30-Aug-17	13-Sep-17	10													30-Aug-17	■	13-Sep-17									
1318	PICO Final Reports CBTC @ Pimisi Station	19	14-Sep-17	11-Oct-17	10													14-Sep-17	■	11-Oct-17									
1319	Bayview Station	44	09-Aug-17	11-Oct-17	10																								
1320	Equipment Room Required Date for CBTC & COMMS Installation @ Bayview Station	0	09-Aug-17		10													◆											
1321	Install FODR's @ Bayview Station	5	16-Aug-17	22-Aug-17	10													16-Aug-17	■	22-Aug-17									
1322	Terminate Fibre @ Bayview Station	10	23-Aug-17	06-Sep-17	10													23-Aug-17	■	06-Sep-17									

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 37 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
21-Nov-16	Rev.3.0	OLRT	

		OLRT Constructors/Constructeurs - Confederation Line Project														OLRT PROJECT SCHEDULE REV 3 - Nov 2016													
		Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities														19-Dec-16													
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1323	PICO CBTC & COMMS @ Bayview Station	10	07-Sep-17	20-Sep-17	10											07-Sep-17		20-Sep-17											
1324	PICO Final Reports CBTC @ Bayview Station	14	21-Sep-17	11-Oct-17	10												21-Sep-17		11-Oct-17										
1325	Tunney's Pasture Station	63	26-Jul-17	25-Oct-17	0																								
1326	POWER READINESS	25	26-Jul-17	30-Aug-17	6																								
1327	Material Delivery UPS & Power Distribution Panel	0	26-Jul-17		6																								
1328	UPS Installation	5	02-Aug-17	09-Aug-17	6												02-Aug-17		09-Aug-17										
1329	UPS Distribution Pannels Installation	5	02-Aug-17	09-Aug-17	6												02-Aug-17		09-Aug-17										
1330	UPS Power Distribution Cable Pulling & Termination	5	10-Aug-17	16-Aug-17	6												10-Aug-17		16-Aug-17										
1331	PICO - UPS	10	17-Aug-17	30-Aug-17	6												17-Aug-17		30-Aug-17										
1332	CBTC & COMMS ROOM	63	26-Jul-17	25-Oct-17	0																								
1333	Equipment Room Required Date for CBTC & COMMS Installation @ Tunneys Station	0	26-Jul-17		0																								
1334	Cable Tray Installation @ Tunneys Station	15	26-Jul-17	16-Aug-17	0												26-Jul-17		16-Aug-17										
1335	Install CTFs @ Tunneys Station	7	17-Aug-17	25-Aug-17	0												17-Aug-17		25-Aug-17										
1336	Install FODF's @ Tunneys Station	9	17-Aug-17	29-Aug-17	0												17-Aug-17		29-Aug-17										
1337	Terminate Copper @ Tunneys Station	4	28-Aug-17	31-Aug-17	0												28-Aug-17		31-Aug-17										
1338	Terminate Fibre @ Tunneys Station	5	30-Aug-17	06-Sep-17	0												30-Aug-17		06-Sep-17										
1339	Rack Installations @ Tunneys Station	5	01-Sep-17	08-Sep-17	0												01-Sep-17		08-Sep-17										
1340	In Room Wiring @ Tunneys Station	15	11-Sep-17	29-Sep-17	0												11-Sep-17		29-Sep-17										
1341	Work Station Install @ Tunneys Station	2	02-Oct-17	03-Oct-17	0												02-Oct-17		03-Oct-17										
1342	PICO CBTC & COMMS @ Tunneys Station	10	04-Oct-17	18-Oct-17	0												04-Oct-17		18-Oct-17										
1343	PICO Final Reports CBTC @ Tunneys Station	5	19-Oct-17	25-Oct-17	0												19-Oct-17		25-Oct-17										
1344	Wayside Equipment Installation	68	19-Jul-17	25-Oct-17	0																								
1345	Zone 1 - WRU/FPSE	54	02-Aug-17	19-Oct-17	4																								
1346	Cable Pull to Location	10	02-Aug-17	16-Aug-17	0												02-Aug-17		16-Aug-17										
1347	WRU/FPSE Install (OCS Poles)	15	17-Aug-17	07-Sep-17	4												17-Aug-17		07-Sep-17										
1348	Field Cable Terminations & Track Side Ground	7	08-Sep-17	18-Sep-17	4												08-Sep-17		18-Sep-17										
1349	WRU/FPSE PICO	12	19-Sep-17	04-Oct-17	4												19-Sep-17		04-Oct-17										
1350	PICO Final Reports @ WRU/FPSE	10	05-Oct-17	19-Oct-17	4												05-Oct-17		19-Oct-17										
1351	Zone 1 - AP Antennas	58	02-Aug-17	25-Oct-17	0																								
1352	Cable Pull to Location	10	02-Aug-17	16-Aug-17	0												02-Aug-17		16-Aug-17										
1353	Antenna Install (OCS Pole)	15	09-Aug-17	29-Aug-17	0												09-Aug-17		29-Aug-17										
1354	Field Cable Terminations & Track Side Ground	17	30-Aug-17	22-Sep-17	0												30-Aug-17		22-Sep-17										
1355	Antenna PICO	12	25-Sep-17	11-Oct-17	0												25-Sep-17		11-Oct-17										
1356	PICO Final Reports @ AP Antennas	10	12-Oct-17	25-Oct-17	0												12-Oct-17		25-Oct-17										
1357	Zone 1 - Point Machine	37	19-Jul-17	11-Sep-17	31																								
1358	SWM JB Installation	5	19-Jul-17	25-Jul-17	9												19-Jul-17		25-Jul-17										
1359	Cable Pull to Location	5	26-Jul-17	01-Aug-17	9												26-Jul-17		01-Aug-17										
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 38 of 62		Remaining LOE Actual Work Actual LOE Milestone Remaining Work Critical Work												Date		Revision		Checked		Approved							
Data Date: 21-Nov-16																21-Jul-15		Rev.2.2		OLRT		RIO							
																21-Apr-16		Rev.2.3		OLRT									
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		OLRT Constructors/Constructeurs - Confederation Line Project										OLRT PROJECT SCHEDULE REV 3 - Nov 2016																	
		Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										19-Dec-16																	
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1360	Field Cable Terminations & Track Side Ground	7	02-Aug-17	11-Aug-17	9											02-Aug-17	11-Aug-17												
1361	PICO	5	14-Aug-17	18-Aug-17	9											14-Aug-17	18-Aug-17												
1362	PICO Final Reports @ Point Machines	15	21-Aug-17	11-Sep-17	31											21-Aug-17	11-Sep-17												
1363	Zone 1 - Signals	37	21-Aug-17	12-Oct-17	9											21-Aug-17*	23-Aug-17												
1364	Mast/Base Install	3	21-Aug-17*	23-Aug-17	9											21-Aug-17	23-Aug-17												
1365	Signal Install	3	24-Aug-17	28-Aug-17	9											24-Aug-17	28-Aug-17												
1366	Cable Pull to Location	8	29-Aug-17	08-Sep-17	9											29-Aug-17	08-Sep-17												
1367	Field Cable Terminations & Track Side Ground	8	11-Sep-17	20-Sep-17	9											11-Sep-17	20-Sep-17												
1368	PICO Signals	5	21-Sep-17	27-Sep-17	9											21-Sep-17	27-Sep-17												
1369	PICO Final Reports @ Signals	10	28-Sep-17	12-Oct-17	9											28-Sep-17	12-Oct-17												
1370	Zone 1 - TAGS	55	19-Jul-17	05-Oct-17	13																								
1371	Survey	5	19-Jul-17	25-Jul-17	13											19-Jul-17	25-Jul-17												
1372	Submission	1	26-Jul-17	26-Jul-17	13											26-Jul-17	26-Jul-17												
1373	Thales Review	10	27-Jul-17	10-Aug-17	13											27-Jul-17	10-Aug-17												
1374	Re-survey	4	11-Aug-17	16-Aug-17	13											11-Aug-17	16-Aug-17												
1375	Install Tags	20	17-Aug-17	14-Sep-17	13											17-Aug-17	14-Sep-17												
1376	Scan/PICO Tags	5	15-Sep-17	21-Sep-17	13											15-Sep-17	21-Sep-17												
1377	PICO Final Reports @ Tags	10	22-Sep-17	05-Oct-17	13											22-Sep-17	05-Oct-17												
1378	TSCC Works	307	01-Sep-16 A	21-Nov-17	39																								
1379	TSCC Ductbank from MSF to OC Transpo	49	01-Sep-16 A	10-Nov-16 A																									
1380	TSCC Room Ready for Installation by OC Transpo (Availability Date by City)	0	25-Apr-17*		39																								
1381	TSCC Room Equipment Installation	79	25-Apr-17	16-Aug-17	39											25-Apr-17	16-Aug-17												
1382	TSCC Room Equipment PICO Testing	10	17-Aug-17	30-Aug-17	39											17-Aug-17	30-Aug-17												
1383	TSCC Room Equipment SAT Testing	57	31-Aug-17	21-Nov-17	39											31-Aug-17	21-Nov-17												
1384	CBTC System Testing	216	16-Jan-17	22-Nov-17	0																								
1385	CBTC Verify PICO & SAT for MSF & Yard	20	16-Jan-17	10-Feb-17	38											16-Jan-17	10-Feb-17												
1386	CBTC Verify PICO & SAT for Zone 4	20	15-Feb-17	15-Mar-17	43											15-Feb-17	15-Mar-17												
1387	CBTC SAT for Zone 3	20	18-Jul-17	15-Aug-17	3											18-Jul-17	15-Aug-17												
1388	CBTC SAT for Zone 1	20	26-Oct-17	22-Nov-17	0												26-Oct-17	22-Nov-17											
1389	CBTC SAT for Zone 2	20	26-Oct-17	22-Nov-17	0												26-Oct-17	22-Nov-17											
1390	Com & Signals Wayside Testing	209	25-Jan-17	22-Nov-17	0																								
1391	SAT- Com & Signal Systems - Wayside @ Test Track Area	20	25-Jan-17	22-Feb-17	81											25-Jan-17	22-Feb-17												
1392	SAT- Com & Signal Systems - Wayside @ Segment 3-4 Upto Rideau River Bridge	20	18-Jul-17	15-Aug-17	8											18-Jul-17	15-Aug-17												
1393	SAT- Com & Signal Systems - Wayside @ Segment 2	20	26-Oct-17	22-Nov-17	0												26-Oct-17	22-Nov-17											
1394	SAT- Com & Signal Systems - Wayside @ Segment 1	20	26-Oct-17	22-Nov-17	0												26-Oct-17	22-Nov-17											
1395	TRACTION POWER	856	04-Jun-14 A	10-Oct-17	155																								
1396	Traction Power Sub Station & Distribution	841	04-Jun-14 A	10-Oct-17	155																								
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 39 of 62		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work												Date		Revision		Checked		Approved							
Data Date: 21-Nov-16																21-Jul-15		Rev.2.2		OLRT		RIO							
																21-Apr-16		Rev.2.3		OLRT									
																21-Nov-16		Rev.3.0		OLRT									



OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1397	Material Delivery	781	04-Jun-14 A	14-Jul-17	0																								
1398	Guideway	781	04-Jun-14 A	14-Jul-17	0																								
1399	TPSS # 1 Fabrication & Delivery	527	04-Jun-14 A	15-Nov-16 A																									
1400	TPSS # 5 Fabrication & Delivery	548	04-Jun-14 A	21-Dec-16	18																								
1401	TPSS Delivery 5 Required on Site Date	0	22-Dec-16		18																								
1402	TPSS # 4 Fabrication & Delivery	558	04-Jun-14 A	10-Jan-17	32																								
1403	TPSS Delivery 4 Required on Site Date	0	14-Feb-17		18																								
1404	TPSS # 2 Fabrication & Delivery	561	04-Jun-14 A	22-Feb-17	72																								
1405	TPSS Delivery 1 Required on Site Date	0	05-Apr-17		18																								
1406	TPSS Delivery 2 Required on Site Date	0	21-Jun-17		0																								
1407	TPSS Delivery 3 Required on Site Date	0	14-Jul-17		0																								
1408	Installation & PICO	309	04-Jul-16 A	25-Sep-17	165																								
1409	TPSS #8	21	21-Oct-16 A	21-Oct-16 A																									
1410	HOL Power Up TPSS #8 (Hydro Ottawa Works - Not an OLRT Activity)	0		21-Oct-16 A																									
1411	Test Track area Ready Date (Energized Track)	0		21-Oct-16 A																									
1412	TPSS #7	11	15-Nov-16 A	15-Nov-16 A																									
1413	HOL Power Up TPSS (Hydro Ottawa Works - Not an OLRT Activity)	0		15-Nov-16 A																									
1414	Test Track area Ready Date (Energized Track)	0		15-Nov-16 A																									
1415	TPSS #6	125	04-Jul-16 A	30-Dec-16	49																								
1416	TPSS 6 Install	22	04-Jul-16 A	14-Dec-16	49																								
1417	PICO TPSS #6	10	15-Dec-16	30-Dec-16	49																								
1418	HOL Power Up TPSS (Hydro Ottawa Works - Not an OLRT Activity)	0		30-Dec-16	49																								
1419	TPSS #5	106	16-Nov-16 A	21-Mar-17	59																								
1420	TPSS #5 Civil Works Complete	0	16-Nov-16 A																										
1421	TPSS 5 Install	35	22-Dec-16	13-Feb-17	18																								
1422	PICO TPSS #5	10	14-Feb-17	28-Feb-17	59																								
1423	HOL Power Up TPSS (Hydro Ottawa Works - Not an OLRT Activity)	15	01-Mar-17	21-Mar-17	59																								
1424	TPSS #4	110	01-Dec-16	10-May-17	68																								
1425	TPSS #4 Civil Works Complete	0	01-Dec-16		68																								
1426	TPSS 4 Install	35	14-Feb-17	04-Apr-17	18																								
1427	PICO TPSS #4	10	05-Apr-17	19-Apr-17	68																								
1428	HOL Power Up TPSS (Hydro Ottawa Works - Not an OLRT Activity)	15	20-Apr-17	10-May-17	68																								
1429	TPSS #3	50	14-Jul-17	25-Sep-17	0																								
1430	TPSS #3 Civil Works Complete	0	14-Jul-17		0																								
1431	TPSS 3 Install	35	14-Jul-17	01-Sep-17	0																								
1432	PICO TPSS #3	10	05-Sep-17	18-Sep-17	0																								

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 40 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
21-Nov-16	Rev.3.0	OLRT	



OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1433	HOL Power Up TPSS (Hydro Ottawa Works - Not an OLRT Activity)	5	19-Sep-17	25-Sep-17	0													19-Sep-17	25-Sep-17										
1434	TPSS #2	60	21-Jun-17	15-Sep-17	0																								
1435	TPSS #2 Civil Works Complete	0	21-Jun-17		0																								
1436	TPSS 2 Install	35	21-Jun-17	10-Aug-17	0										21-Jun-17			10-Aug-17											
1437	PICO TPSS #2	10	11-Aug-17	24-Aug-17	0												11-Aug-17		24-Aug-17										
1438	HOL Power Up TPSS (Hydro Ottawa Works - Not an OLRT Activity)	15	25-Aug-17	15-Sep-17	0													25-Aug-17		15-Sep-17									
1439	TPSS #1	60	05-Apr-17	29-Jun-17	53																								
1440	TPSS 1 Install	35	05-Apr-17	25-May-17	18						05-Apr-17						25-May-17												
1441	PICO TPSS #1	10	26-May-17	08-Jun-17	43										26-May-17		08-Jun-17												
1442	HOL Power Up TPSS (Hydro Ottawa Works - Not an OLRT Activity)	15	09-Jun-17	29-Jun-17	53										09-Jun-17		29-Jun-17												
1443	Traction Power Testing	214	01-Dec-16	10-Oct-17	0																								
1444	SAT TPSS #8	10	01-Dec-16	14-Dec-16	49			01-Dec-16		14-Dec-16																			
1445	SAT TPSS #7	10	15-Dec-16	30-Dec-16	49			15-Dec-16		30-Dec-16																			
1446	SAT TPSS #6	10	03-Jan-17	16-Jan-17	49			03-Jan-17		16-Jan-17																			
1447	SAT TPSS #5	10	22-Mar-17	04-Apr-17	59					22-Mar-17		04-Apr-17																	
1448	SAT TPSS #4	10	11-May-17	25-May-17	68								11-May-17		25-May-17														
1449	SAT TPSS #1	10	30-Jun-17	14-Jul-17	53										30-Jun-17		14-Jul-17												
1450	SAT TPSS #2	10	18-Sep-17	29-Sep-17	0												18-Sep-17		29-Sep-17										
1451	SAT TPSS #3	10	26-Sep-17	10-Oct-17	0												26-Sep-17		10-Oct-17										
1452	Overhead Catenary System	275	27-Sep-16 A	31-Oct-17	0																								
1453	Wayside	260	27-Sep-16 A	10-Oct-17	0																								
1454	Blair to Cyrville Wayside (108.866 - 110.638)	67	27-Sep-16 A	03-Jan-17	51																								
1455	OCS Install - Blair to Cyrville Wayside - Jewelery Installation (Westbond)	10	27-Sep-16 A	16-Dec-16	41	p-16 A																							
1456	OCS Install - Blair to Cyrville Wayside - Contact Wire & Tensioning (Westbond)	5	19-Dec-16	23-Dec-16	41			19-Dec-16		23-Dec-16																			
1457	PICO OCS - Blair to Cyrville Wayside (Westbond)	4	28-Dec-16	03-Jan-17	51			28-Dec-16		03-Jan-17																			
1458	Cyrville to St.Laurent Wayside (107.916 - 108.776)	71	28-Sep-16 A	10-Jan-17	46																								
1459	OCS Install - Cyrville to St.Laurent Wayside - Jewelery Installation (Westbond)	10	14-Oct-16 A	23-Dec-16	41	4-Oct-16 A																							
1460	OCS Install - Cyrville to St.Laurent Wayside - Rigid Rail @ St Laurent Area (Westbond)	15	28-Sep-16 A	23-Dec-16	41	p-16 A																							
1461	OCS Install - Cyrville to St.Laurent Wayside - Contact Wire & Tensioning (Westbond)	5	28-Dec-16	04-Jan-17	41			28-Dec-16		04-Jan-17																			
1462	PICO OCS - Cyrville to St.Laurent Wayside (Westbond)	4	05-Jan-17	10-Jan-17	46			05-Jan-17		10-Jan-17																			
1463	St. Laurent to Tremblay Wayside (106.523 - 107.826)	65	14-Oct-16 A	17-Jan-17	51																								
1464	PICO OCS - St. Laurent to Tremblay Wayside (Eastbond)	6	14-Oct-16 A	21-Oct-16 A		4-Oct-16 A																							
1465	OCS Install - St. Laurent to Tremblay Wayside - Pole Installation (Westbond)	6	14-Oct-16 A	21-Oct-16 A		4-Oct-16 A																							
1466	OCS Install - St. Laurent to Tremblay Wayside - Jewelery Installation (Westbond)	9	17-Oct-16 A	04-Jan-17	41	17-Oct-16 A																							
1467	OCS Install - St. Laurent to Tremblay Wayside - Contact Wire & Tensioning (Westbond)	5	05-Jan-17	11-Jan-17	41			05-Jan-17		11-Jan-17																			
1468	PICO OCS - St. Laurent to Tremblay Wayside (Westbond)	4	12-Jan-17	17-Jan-17	41			12-Jan-17		17-Jan-17																			

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Page 41 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Data Date: 21-Nov-16

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
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		OLRT Constructors/Constructeurs - Confederation Line Project										OLRT PROJECT SCHEDULE REV 3 - Nov 2016																
		Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										19-Dec-16																
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018										
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
1469	Tremblay to Hurdman Wayside (105.467 - 106.433)	58	27-Feb-17	18-May-17	23																							
1470	Pole Delivery for the Remaining Installation	0	27-Feb-17*		18						◆																	
1471	OCS Install - Tremblay to Hurdman Wayside - Pole Installation	10	27-Feb-17	10-Mar-17	18						27-Feb-17	10-Mar-17																
1472	OCS Install - Tremblay to Hurdman Wayside - Jewellery Installation	15	13-Mar-17	31-Mar-17	36						13-Mar-17	31-Mar-17																
1473	OCS Install - Tremblay to Hurdman Wayside - Contact Wire & Tensioning	5	05-May-17	11-May-17	23							05-May-17	11-May-17															
1474	PICO OCS - Tremblay to Hurdman Wayside	5	12-May-17	18-May-17	23							12-May-17	18-May-17															
1475	Hurdman to Lees Wayside (upto Rideau River B. : 104.975 - 105.377)	53	13-Mar-17	26-May-17	23																							
1476	OCS Install - Hurdman to Lees Wayside - Pole Installation	10	13-Mar-17	24-Mar-17	18						13-Mar-17	24-Mar-17																
1477	OCS Install - Hurdman to Lees Wayside - Jewellery Installation	15	03-Apr-17	24-Apr-17	36						03-Apr-17	24-Apr-17																
1478	OCS Install - Hurdman to Lees Wayside - Contact Wire & Tensioning	5	12-May-17	18-May-17	23							12-May-17	18-May-17															
1479	PICO OCS - Hurdman to Lees Wayside	5	19-May-17	26-May-17	23							19-May-17	26-May-17															
1480	Lees to Hurdman Wayside (to Rideau River B. : 104.647 - 104.975)	39	30-May-17	24-Jul-17	17																							
1481	OCS Install - Lees to Hurdman Wayside - Pole Installation	10	30-May-17	12-Jun-17	0							30-May-17	12-Jun-17															
1482	OCS Install - Lees to Hurdman Wayside - Jewellery Installation	10	13-Jun-17	26-Jun-17	16							13-Jun-17	26-Jun-17															
1483	OCS Install - Lees to Hurdman Wayside - Contact Wire & Tensioning	5	11-Jul-17	17-Jul-17	17								11-Jul-17	17-Jul-17														
1484	PICO OCS - Lees to Hurdman Wayside	5	18-Jul-17	24-Jul-17	17								18-Jul-17	24-Jul-17														
1485	uOttawa to Lees Wayside (103.639 - 104.557)	34	13-Jun-17	31-Jul-17	17																							
1486	OCS Install - uOttawa to Lees Wayside - Pole Installation	10	13-Jun-17	26-Jun-17	0							13-Jun-17	26-Jun-17															
1487	OCS Install - uOttawa to Lees Wayside - Jewellery Installation	10	27-Jun-17	11-Jul-17	16							27-Jun-17	11-Jul-17															
1488	OCS Install - uOttawa to Lees Wayside - Contact Wire & Tensioning	5	18-Jul-17	24-Jul-17	17								18-Jul-17	24-Jul-17														
1489	PICO OCS - uOttawa to Lees Wayside	5	25-Jul-17	31-Jul-17	17								25-Jul-17	31-Jul-17														
1490	Rideau to uOttawa Wayside (102.610 - 103.549)	72	27-Jun-17	10-Oct-17	0																							
1491	UG Section	37	17-Aug-17	10-Oct-17	0																							
1492	OCS Install - Rideau to East Portal Rigid Rail Installation	25	17-Aug-17	21-Sep-17	0											17-Aug-17	21-Sep-17											
1493	OCS Install - Rideau to East Portal Contact Wire & Tensioning	7	22-Sep-17	02-Oct-17	0												22-Sep-17	02-Oct-17										
1494	PICO OCS - Rideau to East Portal	5	03-Oct-17	10-Oct-17	0												03-Oct-17	10-Oct-17										
1495	AG Section	35	27-Jun-17	16-Aug-17	11																							
1496	OCS Install - East Portal to uOttawa Wayside - Pole Installation	10	27-Jun-17	11-Jul-17	0							27-Jun-17	11-Jul-17															
1497	OCS Install - East Portal to uOttawa Wayside - Jewellery Installation	10	12-Jul-17	25-Jul-17	16							12-Jul-17	25-Jul-17															
1498	OCS Install - East Portal to uOttawa Wayside - Contact Wire & Tensioning	5	26-Jul-17	01-Aug-17	16								26-Jul-17	01-Aug-17														
1499	PICO OCS - Rideau to uOttawa Wayside	5	10-Aug-17	16-Aug-17	11								10-Aug-17	16-Aug-17														
1500	Parliament to Rideau Wayside (101.742 - 102.399)	37	08-Aug-17	28-Sep-17	2																							
1501	OCS Install - Parliament to Rideau Rigid Rail Installation	25	08-Aug-17	12-Sep-17	0											08-Aug-17	12-Sep-17											
1502	OCS Install - Parliament to Rideau Contact Wire & Tensioning	7	13-Sep-17	21-Sep-17	0												13-Sep-17	21-Sep-17										
1503	PICO OCS - Parliament to Rideau Wayside	5	22-Sep-17	28-Sep-17	2												22-Sep-17	28-Sep-17										
1504	Lyon to Parliament Wayside (101.236 - 101.522)	37	12-Jul-17	01-Sep-17	15																							
1505	OCS Install - Lyon to Parliament Rigid Rail Installation	25	12-Jul-17	16-Aug-17	11								12-Jul-17	16-Aug-17														
1506	OCS Install - Lyon to Parliament Contact Wire & Tensioning	7	17-Aug-17	25-Aug-17	11									17-Aug-17	25-Aug-17													
1507	PICO OCS - Lyon to Parliament Wayside	5	28-Aug-17	01-Sep-17	15										28-Aug-17	01-Sep-17												
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 42 of 62										Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work												Date		Revision	Checked	Approved
Data Date: 21-Nov-16																								21-Jul-15		Rev.2.2	OLRT	RIO
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		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16																					
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018															
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul					
1508	Pimisi to Lyon Wayside (100.235 - 101.011)					39	14-Jun-17	09-Aug-17	27																								
1509	UG Section	32	23-Jun-17	09-Aug-17	27																												
1510	OCS Install - West Portal to Lyon Rigid Rail Installation	20	23-Jun-17	21-Jul-17	17										23-Jun-17		21-Jul-17																
1511	OCS Install - West Portal to Lyon Contact Wire & Tensioning	7	24-Jul-17	01-Aug-17	21										24-Jul-17		01-Aug-17																
1512	PICO OCS - West Portal to Lyon	5	02-Aug-17	09-Aug-17	27										02-Aug-17		09-Aug-17																
1513	AG Section	39	14-Jun-17	09-Aug-17	21																												
1514	OCS Install - Pimisi to Lyon Wayside - Pole Installation	10	14-Jun-17	27-Jun-17	3										14-Jun-17		27-Jun-17																
1515	OCS Install - Pimisi to Lyon Wayside - Jewelary Installation	15	28-Jun-17	19-Jul-17	3										28-Jun-17		19-Jul-17																
1516	OCS Install - Pimisi to Lyon Wayside - Contact Wire & Tensioning	7	24-Jul-17	01-Aug-17	17										24-Jul-17		01-Aug-17																
1517	PICO OCS - Pimisi to Lyon Wayside	5	02-Aug-17	09-Aug-17	21										02-Aug-17		09-Aug-17																
1518	Bayview to Pimisi Wayside (99.401 - 100.145)					42	28-Jun-17	28-Aug-17	13																								
1519	OCS Install -Bayview to Pimisi Wayside - Pole Installation	10	28-Jun-17	12-Jul-17	4										28-Jun-17		12-Jul-17																
1520	OCS Install -Bayview to Pimisi Wayside - Jewelary Installation	15	20-Jul-17	10-Aug-17	3										20-Jul-17		10-Aug-17																
1521	OCS Install -Bayview to Pimisi Wayside - Contact Wire & Tensioning	7	11-Aug-17	21-Aug-17	11										11-Aug-17		21-Aug-17																
1522	PICO OCS -Bayview to Pimisi Wayside	5	22-Aug-17	28-Aug-17	13										22-Aug-17		28-Aug-17																
1523	Tunneys to Bayview Waysdie (98.045 - 99.311)					43	19-Jul-17	19-Sep-17	3																								
1524	OCS Install - Tunneys to Bayview Waysdie - Pole Installation	10	19-Jul-17	01-Aug-17	0										19-Jul-17		01-Aug-17																
1525	OCS Install - Tunneys to Bayview Waysdie - Jewelary Installation	15	11-Aug-17	31-Aug-17	3										11-Aug-17		31-Aug-17																
1526	OCS Install - Tunneys to Bayview Waysdie - Contact Wire & Tensioning	7	01-Sep-17	12-Sep-17	3										01-Sep-17		12-Sep-17																
1527	PICO OCS - Tunneys to Bayview Waysdie	5	13-Sep-17	19-Sep-17	3										13-Sep-17		19-Sep-17																
1528	OCS System Testing					264	13-Oct-16 A	31-Oct-17	0																								
1529	SAT - OCS System @ MSF & Yard & Connector	10	13-Oct-16 A	18-Nov-16 A		3-Oct-16 A				18-Nov-16 A																							
1530	SAT - OCS System @ Test Track Area (Eastbond)	10	06-Jan-17	19-Jan-17	49					06-Jan-17		19-Jan-17																					
1531	SAT - OCS System @ Test Track Area (Westbond)	10	18-Jan-17	31-Jan-17	41					18-Jan-17		31-Jan-17																					
1532	SAT - OCS System @ Segment 3&4 - Up† Rideau River Bridge	15	29-May-17	16-Jun-17	23									29-May-17		16-Jun-17																	
1533	SAT - OCS System @ Segment 3 - West of Rideau River Bridge	15	17-Aug-17	07-Sep-17	11										17-Aug-17		07-Sep-17																
1534	SAT - OCS System @ Segment 1	15	02-Oct-17	23-Oct-17	0										02-Oct-17		23-Oct-17																
1535	SAT - OCS System @ Segment 2	15	11-Oct-17	31-Oct-17	0										11-Oct-17		31-Oct-17																
1536	MSF SYSTEMS INSTALLATIONS					950	01-Aug-16 A	21-Apr-17	15																								
1537	MSF Wayside/Periherals Installation @ MSF/Yard/Connector	141	01-Aug-16 A	04-Jan-17	45					04-Jan-17																							
1538	MSF Systems Central Equipment Installations for MSF & Yard & Connector	45	05-Jan-17	09-Mar-17	45					05-Jan-17		09-Mar-17																					
1539	PICO - Systems @ MSF & Yard & Connector	10	10-Mar-17	23-Mar-17	45					10-Mar-17		23-Mar-17																					
1540	SAT - Systems @ MSF & Yard & Connector	20	24-Mar-17	21-Apr-17	45					24-Mar-17		21-Apr-17																					
1541	STATIONS SYSTEMS INSTALLATIONS					236	28-Nov-16	18-Apr-17	0																								
1542	Blair Station	87	28-Nov-16	03-Apr-17	89																												
1543	Station Ready Required Date for Systems Cabling @ Blair Station	0	28-Nov-16		106																												
1544	Equipment Room Required Date for Systems Installation @ Blair Station	0	20-Dec-16		89																												
TASK filters: Filter Activities Completed More Than A Month Ago, HD.						Page 43 of 62												Date				Revision				Checked				Approved			
Data Date: 21-Nov-16																		21-Jul-15				Rev.2.2				OLRT				RIO			
																		21-Apr-16				Rev.2.3				OLRT							
																		21-Nov-16				Rev.3.0				OLRT							



OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018										
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
1545	System Central Equipment Install - Blair	21	20-Dec-16	20-Jan-17	89			20-Dec-16			20-Jan-17																	
1546	Permanent Power Available Required Date (HOL) @ Blair Station	0	23-Jan-17		89																							
1547	Systems Cabling - Blair	30	12-Dec-16	25-Jan-17	106			12-Dec-16			25-Jan-17																	
1548	SAT- Stations Systems Headends - Blair Station	20	23-Jan-17	17-Feb-17	89				23-Jan-17			17-Feb-17																
1549	Systems Peripherals Install - Blair	30	23-Jan-17	06-Mar-17	89				23-Jan-17			06-Mar-17																
1550	Communication Systems Completion @ Blair Station	0	07-Mar-17		94																							
1551	PICO - Systems - Blair Station	5	07-Mar-17	13-Mar-17	89					07-Mar-17		13-Mar-17																
1552	SAT- Stations Systems - Blair Station	15	14-Mar-17	03-Apr-17	89						14-Mar-17		03-Apr-17															
1553	Cyrville Station	76	28-Nov-16	17-Mar-17	80																							
1554	Equipment Room Required Date for Systems Installation @ Cyrville Station	0	28-Nov-16		80																							
1555	Station Ready Required Date for Systems Cabling @ Cyrville Station	0	28-Nov-16		86																							
1556	System Central Equipment Install - Cyrville	21	05-Dec-16	05-Jan-17	80			05-Dec-16			05-Jan-17																	
1557	Permanent Power Available Required Date (HOL) @ Cyrville Station	0	06-Jan-17		80																							
1558	Systems Cabling - Cyrville Station	30	12-Dec-16	25-Jan-17	86			12-Dec-16			25-Jan-17																	
1559	SAT- Stations Systems Headends - Cyrville Station	20	06-Jan-17	02-Feb-17	80				06-Jan-17			02-Feb-17																
1560	System Peripherals Install - Cyrville Station	30	06-Jan-17	16-Feb-17	80				06-Jan-17			16-Feb-17																
1561	PICO - Systems - Cyrville Station	5	17-Feb-17	24-Feb-17	80					17-Feb-17		24-Feb-17																
1562	Communication Systems Completion @ Cyrville Station	0	27-Feb-17		80																							
1563	SAT- Stations Systems - Cyrville Station	15	27-Feb-17	17-Mar-17	80						27-Feb-17		17-Mar-17															
1564	St. Laurent Station	113	28-Nov-16	10-May-17	48																							
1565	Station Ready Required Date for Systems Cabling @ St. Laurent Station	0	28-Nov-16		81																							
1566	Equipment Room Required Date for Systems Installation @ St. Laurent Station	0	29-Dec-16		48																							
1567	System Central Equipment Install St. Laurent Station	22	06-Jan-17	06-Feb-17	48				06-Jan-17			06-Feb-17																
1568	Permanent Power Available Required Date (HOL) @ St. Laurent Station	0	07-Feb-17		58																							
1569	Systems Cabling - St. Laurent Station	40	12-Dec-16	08-Feb-17	81			12-Dec-16			08-Feb-17																	
1570	SAT- Stations Systems Headends - St. Laurent Station	20	07-Feb-17	07-Mar-17	58				07-Feb-17			07-Mar-17																
1571	System Peripherals Install St. Laurent Station	40	07-Feb-17	04-Apr-17	48				07-Feb-17			04-Apr-17																
1572	PICO - Systems - St. Laurent Station	10	05-Apr-17	19-Apr-17	48						05-Apr-17		19-Apr-17															
1573	Communication Systems Completion @ St. Laurent Station	0	20-Apr-17		48																							
1574	SAT- Stations Systems - St. Laurent Station	15	20-Apr-17	10-May-17	48							20-Apr-17		10-May-17														
1575	Tremblay Station	117	23-Jan-17	10-Jul-17	29																							
1576	Equipment Room Required Date for Systems Installation @ Tremblay Station	0	23-Jan-17		29																							
1577	Station Ready Required Date for Systems Cabling @ Tremblay Station	0	23-Feb-17		29																							
1578	System Central Equipment Install - Tremblay Station	22	13-Feb-17	15-Mar-17	29					13-Feb-17		15-Mar-17																
1579	Permanent Power Available Required Date (HOL) @ Tremblay Station	0	16-Mar-17		49																							
1580	SAT- Stations Systems Headends - Tremblay Station	20	16-Mar-17	12-Apr-17	49						16-Mar-17		12-Apr-17															

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 44 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1581	Systems Cabling - Tremblay Station	40	16-Mar-17	11-May-17	29						16-Mar-17					11-May-17													
1582	System Peripherals Install - Tremblay Station	40	30-Mar-17	26-May-17	29						30-Mar-17					26-May-17													
1583	PICO - Systems - Tremblay Station	10	29-May-17	09-Jun-17	29									29-May-17		09-Jun-17													
1584	Communication Systems Completion @ Tremblay Station	0	12-Jun-17		29																								
1585	SAT- Stations Systems - Tremblay Station	20	12-Jun-17	10-Jul-17	29									12-Jun-17		10-Jul-17													
1586	Hurdman Station	117	26-Jan-17	13-Jul-17	48																								
1587	Equipment Room Required Date for Systems Installation @ Hurdman Station	0	26-Jan-17		48																								
1588	Station Ready Required Date for Systems Cabling @ Hurdman Station	0	01-Feb-17		66																								
1589	System Central Equipment Install - Hurdman Station	22	16-Feb-17	20-Mar-17	48						16-Feb-17		20-Mar-17																
1590	Permanent Power Available Required Date (HOL) @ Hurdman Station	0	21-Mar-17		68																								
1591	SAT- Stations Systems Headends - Hurdman Station	20	21-Mar-17	18-Apr-17	68						21-Mar-17		18-Apr-17																
1592	Systems Cabling - Hurdman Station	40	21-Mar-17	16-May-17	48						21-Mar-17		16-May-17																
1593	System Peripherals Install - Hurdman Station	40	04-Apr-17	31-May-17	48						04-Apr-17		31-May-17																
1594	PICO - Systems - Hurdman Station	10	01-Jun-17	14-Jun-17	48								01-Jun-17		14-Jun-17														
1595	Communication Systems Completion @ Hurdman Station	0	15-Jun-17		48																								
1596	SAT- Stations Systems - Hurdman Station	20	15-Jun-17	13-Jul-17	48								15-Jun-17		13-Jul-17														
1597	Lees Station	123	10-Apr-17	04-Oct-17	22																								
1598	Equipment Room Required Date for Systems Installation @ Lees Station	0	10-Apr-17		28																								
1599	Station Ready Required Date for Systems Cabling @ Lees Station	0	11-May-17		28																								
1600	System Central Equipment Install - Lees Station	22	02-May-17	01-Jun-17	28								02-May-17		01-Jun-17														
1601	Permanent Power Available Required Date (HOL) @ Lees Station	0	11-Jul-17		22																								
1602	Systems Cabling - Lees Station	40	02-Jun-17	28-Jul-17	28								02-Jun-17		28-Jul-17														
1603	SAT- Stations Systems Headends - Lees Station	20	11-Jul-17	08-Aug-17	22										11-Jul-17		08-Aug-17												
1604	System Peripherals Install - Lees Station	40	26-Jun-17	22-Aug-17	22								26-Jun-17		22-Aug-17														
1605	PICO - Systems - Lees Station	10	23-Aug-17	06-Sep-17	22										23-Aug-17		06-Sep-17												
1606	Communication Systems Completion @ Lees Station	0	07-Sep-17		22																								
1607	SAT- Stations Systems - Lees Station	20	07-Sep-17	04-Oct-17	22										07-Sep-17		04-Oct-17												
1608	uOttawa Station	145	10-Mar-17	05-Oct-17	36																								
1609	Equipment Room Required Date for Systems Installation @ uOttawa Station	0	10-Mar-17		64																								
1610	Station Ready Required Date for Systems Cabling @ uOttawa Station	0	11-Apr-17		64																								
1611	System Central Equipment Install - uOttawa Station	22	31-Mar-17	02-May-17	64						31-Mar-17		02-May-17																
1612	Permanent Power Available Required Date (HOL) @ uOttawa Station	0	13-Jun-17		36																								
1613	Systems Cabling - uOttawa Station	40	03-May-17	28-Jun-17	64								03-May-17		28-Jun-17														
1614	SAT- Stations Systems Headends - uOttawa Station	20	13-Jun-17	11-Jul-17	36								13-Jun-17		11-Jul-17														
1615	System Peripherals Install - uOttawa Station	40	27-Jun-17	23-Aug-17	36								27-Jun-17		23-Aug-17														
1616	PICO - Systems - uOttawa Station	10	24-Aug-17	07-Sep-17	36										24-Aug-17		07-Sep-17												

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Data Date: 21-Nov-16

Page 45 of 62

Remaining LOE
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 Actual LOE
 Milestone
 Remaining Work
 Critical Work

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21-Jul-15	Rev.2.2	OLRT	RIO
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1617	Communication Systems Completion @ Uottawa Station	0	08-Sep-17		36													◆											
1618	SAT- Stations Systems - uOttawa Station	20	08-Sep-17	05-Oct-17	36													08-Sep-17	05-Oct-17										
1619	Rideau Station	125	20-Jul-17	18-Jan-18	0																								
1620	Equipment Room Required Date for Systems Installation @ Rideau Station	0	20-Jul-17		0													◆											
1621	Station Ready Required Date for Systems Cabling @ Rideau Station	0	01-Sep-17		0													◆											
1622	System Central Equipment Install - Rideau Station	30	11-Aug-17	22-Sep-17	0													11-Aug-17	22-Sep-17										
1623	Permanent Power Required Date (HOL) @ Rideau Station	0	10-Oct-17		0														◆										
1624	SAT- Stations Systems Headends - Rideau Station	20	10-Oct-17	06-Nov-17	0														10-Oct-17	06-Nov-17									
1625	Systems Cabling - Rideau Station	40	25-Sep-17	20-Nov-17	0														25-Sep-17	20-Nov-17									
1626	System Peripherals Install - Rideau Station	40	10-Oct-17	04-Dec-17	0														10-Oct-17	04-Dec-17									
1627	PICO - Systems - Rideau Station	10	05-Dec-17	18-Dec-17	0															05-Dec-17	18-Dec-17								
1628	Communication Systems Completion @ Rideau Station	0	19-Dec-17		0															◆									
1629	SAT- Stations Systems - Rideau Station	20	19-Dec-17	18-Jan-18	0															19-Dec-17	18-Jan-18								
1630	Parliament Station	125	07-Jul-17	05-Jan-18	4																								
1631	Equipment Room Required Date for Systems Installation @ Parliament Station	0	07-Jul-17		4													◆											
1632	Station Ready Required Date for Systems Cabling @ Parliament Station	0	02-Aug-17		16														◆										
1633	System Central Equipment Install - Parliament Station	30	28-Jul-17	11-Sep-17	4													28-Jul-17	11-Sep-17										
1634	Permanent Power Required Date (HOL) @ Parliament Station	0	12-Sep-17		4														◆										
1635	SAT- Stations Systems Headends - Parliament Station	20	12-Sep-17	10-Oct-17	4														12-Sep-17	10-Oct-17									
1636	Systems Cabling - Parliament Station	40	12-Sep-17	07-Nov-17	4														12-Sep-17	07-Nov-17									
1637	System Peripherals Install - Parliament Station	40	26-Sep-17	21-Nov-17	4														26-Sep-17	21-Nov-17									
1638	PICO - Systems - Parliament Station	10	22-Nov-17	05-Dec-17	4															22-Nov-17	05-Dec-17								
1639	Communication Systems Completion @ Parliament Station	0	06-Dec-17		4															◆									
1640	SAT- Stations Systems - Parliament Station	20	06-Dec-17	05-Jan-18	4															06-Dec-17	05-Jan-18								
1641	Lyon Station	130	24-May-17	27-Nov-17	15																								
1642	Equipment Room Required Date for Systems Installation @ Lyon Station	0	24-May-17		20													◆											
1643	Station Ready Required Date for Systems Cabling @ Lyon Station	0	26-Jun-17		27														◆										
1644	System Central Equipment Install - Lyon Station	30	14-Jun-17	26-Jul-17	20													14-Jun-17	26-Jul-17										
1645	Permanent Power Required Date (HOL) @ Lyon Station	0	03-Aug-17		15														◆										
1646	SAT- Stations Systems Headends - Lyon Station	20	03-Aug-17	31-Aug-17	15														03-Aug-17	31-Aug-17									
1647	Systems Cabling - Lyon Station	40	27-Jul-17	22-Sep-17	20														27-Jul-17	22-Sep-17									
1648	System Peripherals Install - Lyon Station	40	18-Aug-17	16-Oct-17	15														18-Aug-17	16-Oct-17									
1649	PICO - Systems - Lyon Station	10	17-Oct-17	30-Oct-17	15															17-Oct-17	30-Oct-17								
1650	Communication Systems Completion @ Lyon Station	0	31-Oct-17		15															◆									
1651	SAT- Stations Systems - Lyon Station	20	31-Oct-17	27-Nov-17	15															31-Oct-17	27-Nov-17								
1652	Pimisi Station	117	20-Jun-17	05-Dec-17	16																								

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Data Date: 21-Nov-16

Page 46 of 62

Remaining LOE
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 Milestone
 Remaining Work
 Critical Work

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21-Jul-15	Rev.2.2	OLRT	RIO
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1653	Equipment Room Required Date for Systems Installation @ Pimisi Station	0	20-Jun-17		16											◆													
1654	Station Ready Required Date for Systems Cabling @ Pimisi Station	0	21-Jul-17		16												◆												
1655	Permanent Required Date (HOL) @ Pimisi Station	0		11-Aug-17	31													◆											
1656	System Central Equipment Install - Pimisi Station	22	12-Jul-17	11-Aug-17	16											12-Jul-17	11-Aug-17												
1657	SAT- Stations Systems Headends - Pimisi Station	20	14-Aug-17	11-Sep-17	31												14-Aug-17	11-Sep-17											
1658	Systems Cabling - Pimisi Station	40	14-Aug-17	10-Oct-17	16												14-Aug-17	10-Oct-17											
1659	System Peripherals Install - Pimisi Station	40	28-Aug-17	24-Oct-17	16												28-Aug-17	24-Oct-17											
1660	PICO - Systems - Pimisi Station	10	25-Oct-17	07-Nov-17	16													25-Oct-17	07-Nov-17										
1661	Systems Completion @ Pimisi Station	0	08-Nov-17		16															◆									
1662	SAT- Stations Systems - Pimisi Station	20	08-Nov-17	05-Dec-17	16														08-Nov-17	05-Dec-17									
1663	Bayview Station	110	20-Jun-17	24-Nov-17	3																								
1664	Equipment Room Required Date for Systems Installation @ Bayview Station	0	20-Jun-17		21												◆												
1665	Station Ready Required Date for Systems Cabling @ Bayview Station	0	12-Jul-17		3													◆											
1666	Permanent Power Required (HOL) @ Bayview Station	0		20-Jul-17	26														◆										
1667	System Central Equipment Install - Bayview Station	22	20-Jun-17	20-Jul-17	21											20-Jun-17	20-Jul-17												
1668	SAT- Stations Systems Headends - Bayview Station	20	21-Jul-17	18-Aug-17	26												21-Jul-17	18-Aug-17											
1669	Systems Cabling - Bayview Station	40	02-Aug-17	28-Sep-17	3												02-Aug-17	28-Sep-17											
1670	System Peripherals Install - Bayview Station	40	17-Aug-17	13-Oct-17	3												17-Aug-17	13-Oct-17											
1671	PICO - Systems - Bayview Station	10	16-Oct-17	27-Oct-17	3													16-Oct-17	27-Oct-17										
1672	Systems Completion @ Bayview Station	0	30-Oct-17		3															◆									
1673	SAT- Stations Systems - Bayview Station	20	30-Oct-17	24-Nov-17	3														30-Oct-17	24-Nov-17									
1674	Tunneys Pasture Station	119	02-May-17	20-Oct-17	8																								
1675	Equipment Room Required Date for Systems Installation @ Tunneys Station	0	02-May-17		10											◆													
1676	Station Ready Required Date for Systems Cabling @ Tunneys Station	0	05-Jun-17		8												◆												
1677	System Central Equipment Install - Tunneys Station & PICO	22	23-May-17	21-Jun-17	10											23-May-17	21-Jun-17												
1678	Permanent Power Required Date (HOL) @ Tunneys Station	0		12-Jul-17	11													◆											
1679	SAT- Station Systems Headends- Tunneys Station	21	13-Jul-17	11-Aug-17	11												13-Jul-17	11-Aug-17											
1680	Systems Cabling - Tunneys Station	40	26-Jun-17	22-Aug-17	8												26-Jun-17	22-Aug-17											
1681	System Peripherals Install - Tunneys Station	40	12-Jul-17	07-Sep-17	8												12-Jul-17	07-Sep-17											
1682	PICO - Systems - Tunneys Station	10	08-Sep-17	21-Sep-17	8													08-Sep-17	21-Sep-17										
1683	Systems Completion @ Tunneys Station	0	22-Sep-17		8															◆									
1684	SAT- Station Systems - Tunneys Station	20	22-Sep-17	20-Oct-17	8													22-Sep-17	20-Oct-17										
1685	TUNNEL VENTILATION SYSTEM	229	07-Nov-16	20-Oct-17	16																								
1686	St-Laurent Station Tunnel Ventilation Equipment Installations & PICO Testing	60	30-Nov-16	27-Feb-17	64		30-Nov-16																						
1687	St-Laurent Station Tunnel Ventilation SAT Testing	15	28-Feb-17	20-Mar-17	64												28-Feb-17	20-Mar-17											
1688	Tunnel Ventilation Installation @ West Tunnel	20	18-Apr-17	15-May-17	38												18-Apr-17	15-May-17											

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Data Date: 21-Nov-16

Page 47 of 62

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 Actual LOE
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 Remaining Work
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19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1689	Tunnel Ventilation Installation @ East Tunnel	20	02-Jun-17	29-Jun-17	21									02-Jun-17			29-Jun-17												
1690	Parliament Station Tunnel Ventilation Equipment Installations & PICO Testing	55	03-May-17	20-Jul-17	57								03-May-17				20-Jul-17												
1691	Lyon Station Tunnel Ventilation Equipment Installations & PICO Testing	55	16-May-17	02-Aug-17	38								16-May-17				02-Aug-17												
1692	Rideau Station Tunnel Ventilation Equipment Installations & PICO Testing	55	06-Jul-17	22-Sep-17	18									06-Jul-17				22-Sep-17											
1693	Segment 2 - Tunnel Ventilation SAT Testing	40	01-Sep-17	30-Oct-17	18												01-Sep-17					30-Oct-17							
1694	VEHICLE MANUFACTURE & TESTING	382	10-Aug-16 A	23-Feb-18	26																								
1695	INITIAL VEHICLE PRODUCTION & TESTING	210	17-Aug-16 A	23-Jun-17	14																								
1696	Vehicle 1 (HOR)	210	17-Aug-16 A	16-Jun-17	8																								
1697	Transport To Test Center (Ottawa)	0	09-Nov-16 A																										
1698	Vehicle 1 Testing and Validation (Static Tests-231)	20	17-Aug-16 A	09-Nov-16 A																									
1699	Vehicle 1 Transport to Test Centre (Ottawa)	7	09-Nov-16 A	16-Nov-16 A																									
1700	Vehicle 1 Reassembly (245)	10	17-Nov-16 A	02-Dec-16	51																								
1701	Vehicle 1 - Functional Tests & THALES Equipment Tests	60	05-Dec-16	02-Mar-17	51																								
1702	Vehicle 1 Acceptance Test	20	19-May-17	16-Jun-17	8																								
1703	Vehicle 2 (CA)	203	02-Sep-16 A	23-Jun-17	14																								
1704	Vehicle 2 Testing and Validation (Dynamic Tests)	102	02-Sep-16 A	13-Feb-17	0																								
1705	Vehicle 2 Functional Tests & THALES Equipment Tests	50	01-Feb-17	12-Apr-17	38																								
1706	Vehicle 2 Multiple Unit Type Tests - 242	71	14-Feb-17	26-May-17	8																								
1707	Vehicle 2 Acceptance Test	20	29-May-17	23-Jun-17	14																								
1708	SERIAL MANUFACTURING	347	10-Aug-16 A	19-Jan-18	3																								
1709	Vehicle 3 (CA)	205	10-Oct-16 A	17-Jul-17	9																								
1710	Vehicle 3 - Serial Testing	30	10-Oct-16 A	25-Nov-16	30																								
1711	Transport To Climatic Chamber	0	28-Nov-16		70																								
1712	Transport From Climatic Chamber	0		28-Feb-17	70																								
1713	Vehicle 3 - HVAC Climate Chamber Tests - 255	63	28-Nov-16	28-Feb-17	70																								
1714	Vehicle 3 - Reassembly	15	01-Mar-17	21-Mar-17	70																								
1715	Vehicle 3 - Alstom Vehicle Acceptance Testing	20	19-Jun-17	17-Jul-17	9																								
1716	Vehicle 4 (CA)	216	06-Sep-16 A	24-Jul-17	14																								
1717	Vehicle 4 - Fitting & Control	35	06-Sep-16 A	14-Nov-16 A																									
1718	Vehicle 4 - Serial Testing	18	10-Oct-16 A	25-Nov-16	30																								
1719	Vehicle 4 MU Type Tests (261)	71	14-Feb-17	26-May-17	34																								
1720	Vehicle 4 - Alstom Vehicle Acceptance Testing	20	26-Jun-17	24-Jul-17	14																								
1721	Vehicle 5 (CA)	79	13-Oct-16 A	23-Feb-17	15																								

		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16															
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1722	Vehicle 5 - Fitting & Control	35	13-Oct-16 A	09-Dec-16	15	13-Oct-16 A				09-Dec-16																	
1723	Vehicle 5 - Serial Testing	30	12-Dec-16	25-Jan-17	15			12-Dec-16			25-Jan-17																
1724	Vehicle 5 - Alstom Vehicle Acceptance Testing	20	26-Jan-17	23-Feb-17	15				26-Jan-17			23-Feb-17															
1725	Vehicle 6 (CA)	156	10-Aug-16 A	04-Apr-17	11																						
1726	Vehicle 6 - Vehicle Sub Assembly	75	10-Aug-16 A	30-Nov-16	3				30-Nov-16																		
1727	Vehicle 6 - Fitting & Control	35	01-Dec-16	23-Jan-17	11			01-Dec-16			23-Jan-17																
1728	Vehicle 6 - Serial Testing	30	24-Jan-17	07-Mar-17	11				24-Jan-17			07-Mar-17															
1729	Vehicle 6 - Alstom Vehicle Acceptance Testing	20	08-Mar-17	04-Apr-17	11					08-Mar-17			04-Apr-17														
1730	Vehicle 7 (CA)	137	12-Sep-16 A	24-Apr-17	11																						
1731	Vehicle 7 - Vehicle Sub Assembly	60	12-Sep-16 A	23-Dec-16	3	A				23-Dec-16																	
1732	Vehicle 7 - Fitting & Control	32	28-Dec-16	10-Feb-17	11			28-Dec-16			10-Feb-17																
1733	Vehicle 7 - Serial Testing	29	13-Feb-17	24-Mar-17	11				13-Feb-17			24-Mar-17															
1734	Vehicle 7 - Alstom Vehicle Acceptance Testing	20	27-Mar-17	24-Apr-17	11					27-Mar-17			24-Apr-17														
1735	Vehicle 8 (CA)	117	11-Oct-16 A	04-May-17	14																						
1736	Vehicle 8 - Vehicle Sub Assembly	50	11-Oct-16 A	19-Jan-17	3	-Oct-16 A				19-Jan-17																	
1737	Vehicle 8 - Fitting & Control	28	20-Jan-17	01-Mar-17	14				20-Jan-17			01-Mar-17															
1738	Vehicle 8 - Serial Testing	25	02-Mar-17	05-Apr-17	14					02-Mar-17			05-Apr-17														
1739	Vehicle 8 - Alstom Vehicle Acceptance Testing	20	06-Apr-17	04-May-17	14						06-Apr-17			04-May-17													
1740	Vehicle 9 (CA)	136	15-Nov-16 A	31-May-17	7																						
1741	Vehicle 9 - Vehicle Sub Assembly	46	15-Nov-16 A	15-Feb-17	3		15-Nov-16 A				15-Feb-17																
1742	Vehicle 9 - Fitting & Control	27	16-Feb-17	27-Mar-17	7					16-Feb-17			27-Mar-17														
1743	Vehicle 9 - Serial Testing	25	28-Mar-17	02-May-17	7						28-Mar-17			02-May-17													
1744	Vehicle 9 - Alstom Vehicle Acceptance Testing	20	03-May-17	31-May-17	7							03-May-17			31-May-17												
1745	Vehicle 10 (CA)	126	09-Dec-16	12-Jun-17	9																						
1746	Vehicle 10 - Vehicle Sub Assembly	60	09-Dec-16	08-Mar-17	3			09-Dec-16				08-Mar-17															
1747	Vehicle 10 - Fitting & Control	26	09-Mar-17	13-Apr-17	9					09-Mar-17			13-Apr-17														
1748	Vehicle 10 - Serial Testing	20	17-Apr-17	12-May-17	9						17-Apr-17			12-May-17													
1749	Vehicle 10 - Alstom Vehicle Acceptance Testing	20	15-May-17	12-Jun-17	9							15-May-17			12-Jun-17												
1750	Vehicle 11 (CA)	121	23-Dec-16	19-Jun-17	13																						
1751	Vehicle 11 - Vehicle Sub Assembly	56	23-Dec-16	16-Mar-17	3			23-Dec-16				16-Mar-17															
1752	Vehicle 11 - Fitting & Control	25	17-Mar-17	21-Apr-17	13					17-Mar-17			21-Apr-17														
1753	Vehicle 11 - Serial Testing	20	24-Apr-17	19-May-17	13						24-Apr-17			19-May-17													
1754	Vehicle 11 - Alstom Vehicle Acceptance Testing	20	23-May-17	19-Jun-17	13							23-May-17			19-Jun-17												
1755	Vehicle 12 (CA)	116	11-Jan-17	26-Jun-17	15																						
1756	Vehicle 12 - Vehicle Sub Assembly	52	11-Jan-17	24-Mar-17	3				11-Jan-17			24-Mar-17															
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 49 of 62		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work										Date		Revision	Checked	Approved									
Data Date: 21-Nov-16														21-Jul-15		Rev.2.2	OLRT	RIO									
														21-Apr-16		Rev.2.3	OLRT										
														21-Nov-16		Rev.3.0	OLRT										

		OLRT Constructors/Constructeurs - Confederation Line Project										OLRT PROJECT SCHEDULE REV 3 - Nov 2016																
Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities												19-Dec-16																
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018										
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
1757	Vehicle 12 - Fitting & Control	24	27-Mar-17	28-Apr-17	15							27-Mar-17		28-Apr-17														
1758	Vehicle 12 - Serial Testing	20	01-May-17	29-May-17	15								01-May-17		29-May-17													
1759	Vehicle 12 - Alstom Vehicle Acceptance Testing	20	30-May-17	26-Jun-17	15									30-May-17		26-Jun-17												
1760	Vehicle 13 (CA)	109	25-Jan-17	29-Jun-17	15																							
1761	Vehicle 13 - Vehicle Sub Assembly	48	25-Jan-17	03-Apr-17	3				25-Jan-17				03-Apr-17															
1762	Vehicle 13 - Fitting & Control	23	04-Apr-17	05-May-17	15							04-Apr-17		05-May-17														
1763	Vehicle 13 - Serial Testing	20	08-May-17	05-Jun-17	15								08-May-17		05-Jun-17													
1764	Vehicle 13 - Alstom Vehicle Acceptance Testing	18	06-Jun-17	29-Jun-17	15									06-Jun-17		29-Jun-17												
1765	Vehicle 14 (CA)	104	10-Feb-17	11-Jul-17	15																							
1766	Vehicle 14 - Vehicle Sub Assembly	44	10-Feb-17	13-Apr-17	3				10-Feb-17				13-Apr-17															
1767	Vehicle 14 - Fitting & Control	22	17-Apr-17	16-May-17	15							17-Apr-17		16-May-17														
1768	Vehicle 14 - Serial Testing	20	17-May-17	14-Jun-17	15								17-May-17		14-Jun-17													
1769	Vehicle 14 - Alstom Vehicle Acceptance Testing	18	15-Jun-17	11-Jul-17	15									15-Jun-17		11-Jul-17												
1770	Vehicle 15 (CA)	97	01-Mar-17	18-Jul-17	15																							
1771	Vehicle 15 - Vehicle Sub Assembly	40	01-Mar-17	26-Apr-17	3					01-Mar-17			26-Apr-17															
1772	Vehicle 15 - Fitting & Control	21	27-Apr-17	26-May-17	15							27-Apr-17		26-May-17														
1773	Vehicle 15 - Serial Testing	18	29-May-17	21-Jun-17	15								29-May-17		21-Jun-17													
1774	Vehicle 15 - Alstom Vehicle Acceptance Testing	18	22-Jun-17	18-Jul-17	15									22-Jun-17		18-Jul-17												
1775	Vehicle 16 (CA)	95	17-Mar-17	01-Aug-17	14																							
1776	Vehicle 16 - Vehicle Sub Assembly	39	17-Mar-17	11-May-17	3					17-Mar-17			11-May-17															
1777	Vehicle 16 - Fitting & Control	20	12-May-17	09-Jun-17	14							12-May-17		09-Jun-17														
1778	Vehicle 16 - Serial Testing	18	12-Jun-17	06-Jul-17	14								12-Jun-17		06-Jul-17													
1779	Vehicle 16 - Alstom Vehicle Acceptance Testing	18	07-Jul-17	01-Aug-17	14									07-Jul-17		01-Aug-17												
1780	Vehicle 17 (CA)	91	31-Mar-17	10-Aug-17	14																							
1781	Vehicle 17 - Vehicle Sub Assembly	38	31-Mar-17	25-May-17	3					31-Mar-17			25-May-17															
1782	Vehicle 17 - Fitting & Control	19	26-May-17	21-Jun-17	14								26-May-17		21-Jun-17													
1783	Vehicle 17 - Serial Testing	17	22-Jun-17	17-Jul-17	14									22-Jun-17		17-Jul-17												
1784	Vehicle 17 - Alstom Vehicle Acceptance Testing	17	18-Jul-17	10-Aug-17	14										18-Jul-17		10-Aug-17											
1785	Vehicle 18 (CA)	89	12-Apr-17	18-Aug-17	14																							
1786	Vehicle 18 - Vehicle Sub Assembly	37	12-Apr-17	05-Jun-17	3						12-Apr-17		05-Jun-17															
1787	Vehicle 18 - Fitting & Control	18	06-Jun-17	29-Jun-17	14								06-Jun-17		29-Jun-17													
1788	Vehicle 18 - Serial Testing	17	30-Jun-17	25-Jul-17	14									30-Jun-17		25-Jul-17												
1789	Vehicle 18 - Alstom Vehicle Acceptance Testing	17	26-Jul-17	18-Aug-17	14										26-Jul-17		18-Aug-17											
1790	Vehicle 19 (CA)	85	25-Apr-17	24-Aug-17	14																							
1791	Vehicle 19 - Vehicle Sub Assembly	36	25-Apr-17	14-Jun-17	3							25-Apr-17		14-Jun-17														
1792	Vehicle 19 - Fitting & Control	17	15-Jun-17	10-Jul-17	14									15-Jun-17		10-Jul-17												
1793	Vehicle 19 - Serial Testing	16	11-Jul-17	01-Aug-17	14										11-Jul-17		01-Aug-17											
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 50 of 62		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work										Date		Revision	Checked	Approved										
Data Date: 21-Nov-16														21-Jul-15		Rev.2.2	OLRT	RIO										
														21-Apr-16		Rev.2.3	OLRT											
														21-Nov-16		Rev.3.0	OLRT											

		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities														OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16													
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1794	Vehicle 19 - Alstom Vehicle Acceptance Testing	16	02-Aug-17	24-Aug-17	14											02-Aug-17		24-Aug-17											
1795	Vehicle 20 (CA)	84	05-May-17	05-Sep-17	14																								
1796	Vehicle 20 - Vehicle Sub Assembly	35	05-May-17	23-Jun-17	3							05-May-17					23-Jun-17												
1797	Vehicle 20 - Fitting & Control	17	26-Jun-17	19-Jul-17	14									26-Jun-17			19-Jul-17												
1798	Vehicle 20 - Serial Testing	16	20-Jul-17	11-Aug-17	14										20-Jul-17		11-Aug-17												
1799	Vehicle 20 - Alstom Vehicle Acceptance Testing	16	14-Aug-17	05-Sep-17	14											14-Aug-17		05-Sep-17											
1800	Vehicle 21 (CA)	82	17-May-17	13-Sep-17	15																								
1801	Vehicle 21 - Vehicle Sub Assembly	34	17-May-17	05-Jul-17	3							17-May-17					05-Jul-17												
1802	Vehicle 21 - Fitting & Control	16	06-Jul-17	27-Jul-17	11									06-Jul-17			27-Jul-17												
1803	Vehicle 21 - Serial Testing	16	28-Jul-17	21-Aug-17	15											28-Jul-17		21-Aug-17											
1804	Vehicle 21 - Alstom Vehicle Acceptance Testing	16	22-Aug-17	13-Sep-17	15												22-Aug-17		13-Sep-17										
1805	Vehicle 22 (CA)	82	30-May-17	25-Sep-17	12																								
1806	Vehicle 22 - Vehicle Sub Assembly	33	30-May-17	14-Jul-17	3							30-May-17					14-Jul-17												
1807	Vehicle 22 - Fitting & Control	16	18-Jul-17	09-Aug-17	11											18-Jul-17		09-Aug-17											
1808	Vehicle 22 - Serial Testing	16	10-Aug-17	31-Aug-17	11											10-Aug-17		31-Aug-17											
1809	Vehicle 22 - Alstom Vehicle Acceptance Testing	16	01-Sep-17	25-Sep-17	12												01-Sep-17		25-Sep-17										
1810	Vehicle 23 (CA)	80	09-Jun-17	03-Oct-17	11																								
1811	Vehicle 23 - Vehicle Sub Assembly	32	09-Jun-17	25-Jul-17	3								09-Jun-17				25-Jul-17												
1812	Vehicle 23 - Fitting & Control	15	26-Jul-17	16-Aug-17	14											26-Jul-17		16-Aug-17											
1813	Vehicle 23 - Serial Testing	15	22-Aug-17	12-Sep-17	11												22-Aug-17		12-Sep-17										
1814	Vehicle 23 - Alstom Vehicle Acceptance Testing	15	13-Sep-17	03-Oct-17	11													13-Sep-17		03-Oct-17									
1815	Vehicle 24 (CA)	76	21-Jun-17	10-Oct-17	12																								
1816	Vehicle 24 - Vehicle Sub Assembly	31	21-Jun-17	03-Aug-17	3									21-Jun-17			03-Aug-17												
1817	Vehicle 24 - Fitting & Control	15	04-Aug-17	25-Aug-17	11											04-Aug-17		25-Aug-17											
1818	Vehicle 24 - Serial Testing	15	28-Aug-17	18-Sep-17	12												28-Aug-17		18-Sep-17										
1819	Vehicle 24 -Alstom Vehicle Acceptance Testing	15	19-Sep-17	10-Oct-17	12													19-Sep-17		10-Oct-17									
1820	Vehicle 25 (CA)	74	04-Jul-17	18-Oct-17	11																								
1821	Vehicle 25 - Vehicle Sub Assembly	30	04-Jul-17	15-Aug-17	3										04-Jul-17		15-Aug-17												
1822	Vehicle 25 - Fitting & Control	14	16-Aug-17	05-Sep-17	11												16-Aug-17		05-Sep-17										
1823	Vehicle 25 - Serial Testing	15	06-Sep-17	26-Sep-17	11													06-Sep-17		26-Sep-17									
1824	Vehicle 25 - Alstom Vehicle Acceptance Testing	15	27-Sep-17	18-Oct-17	11														27-Sep-17		18-Oct-17								
1825	Vehicle 26 (CA)	73	14-Jul-17	27-Oct-17	9																								
1826	Vehicle 26 - Vehicle Sub Assembly	29	14-Jul-17	24-Aug-17	3											14-Jul-17		24-Aug-17											
1827	Vehicle 26 - Fitting & Control	14	25-Aug-17	14-Sep-17	9												25-Aug-17		14-Sep-17										
1828	Vehicle 26 - Serial Testing	15	15-Sep-17	05-Oct-17	9													15-Sep-17		05-Oct-17									
1829	Vehicle 26 - Alstom Vehicle Acceptance Testing	15	06-Oct-17	27-Oct-17	9														06-Oct-17		27-Oct-17								
1830	Vehicle 27 (CA)	71	26-Jul-17	06-Nov-17	8																								
TASK filters: Filter Activities Completed More Than A Month Ago, HD.		Page 51 of 62		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work										Date		Revision	Checked	Approved											
Data Date: 21-Nov-16														21-Jul-15		Rev.2.2	OLRT	RIO											
														21-Apr-16		Rev.2.3	OLRT												
														21-Nov-16		Rev.3.0	OLRT												

		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities										OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16																													
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018																							
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul													
1831	Vehicle 27 - Vehicle Sub Assembly	28	26-Jul-17	05-Sep-17	3											26-Jul-17			05-Sep-17																						
1832	Vehicle 27 - Fitting & Control	13	06-Sep-17	22-Sep-17	5												06-Sep-17			22-Sep-17																					
1833	Vehicle 27 - Serial Testing	15	25-Sep-17	16-Oct-17	5													25-Sep-17			16-Oct-17																				
1834	Vehicle 27 - Alstom Vehicle Acceptance Testing	15	17-Oct-17	06-Nov-17	8														17-Oct-17			06-Nov-17																			
1835	Vehicle 28 (CA)	71	08-Aug-17	16-Nov-17	5																																				
1836	Vehicle 28 - Vehicle Sub Assembly	27	08-Aug-17	14-Sep-17	3												08-Aug-17			14-Sep-17																					
1837	Vehicle 28 - Fitting & Control	13	15-Sep-17	03-Oct-17	6													15-Sep-17			03-Oct-17																				
1838	Vehicle 28 - Serial Testing	15	05-Oct-17	26-Oct-17	5														05-Oct-17			26-Oct-17																			
1839	Vehicle 28 - Alstom Vehicle Acceptance Testing	15	27-Oct-17	16-Nov-17	5															27-Oct-17			16-Nov-17																		
1840	Vehicle 29 (CA)	67	18-Aug-17	22-Nov-17	6																																				
1841	Vehicle 29 - Vehicle Sub Assembly	26	18-Aug-17	25-Sep-17	3												18-Aug-17			25-Sep-17																					
1842	Vehicle 29 - Fitting & Control	13	26-Sep-17	13-Oct-17	6													26-Sep-17			13-Oct-17																				
1843	Vehicle 29 - Serial Testing	14	16-Oct-17	02-Nov-17	6														16-Oct-17			02-Nov-17																			
1844	Vehicle 29 - Alstom Vehicle Acceptance Testing	14	03-Nov-17	22-Nov-17	6															03-Nov-17			22-Nov-17																		
1845	Vehicle 30 (CA)	66	31-Aug-17	04-Dec-17	3																																				
1846	Vehicle 30 - Vehicle Sub Assembly	25	31-Aug-17	05-Oct-17	3												31-Aug-17			05-Oct-17																					
1847	Vehicle 30 - Fitting & Control	13	06-Oct-17	25-Oct-17	3													06-Oct-17			25-Oct-17																				
1848	Vehicle 30 - Serial Testing	14	26-Oct-17	14-Nov-17	3														26-Oct-17			14-Nov-17																			
1849	Vehicle 30 - Alstom Vehicle Acceptance Testing	14	15-Nov-17	04-Dec-17	3															15-Nov-17			04-Dec-17																		
1850	Vehicle 31 (CA)	62	14-Sep-17	11-Dec-17	3																																				
1851	Vehicle 31 - Vehicle Sub Assembly	24	14-Sep-17	18-Oct-17	3												14-Sep-17			18-Oct-17																					
1852	Vehicle 31 - Fitting & Control	12	19-Oct-17	03-Nov-17	3													19-Oct-17			03-Nov-17																				
1853	Vehicle 31 - Serial Testing	13	06-Nov-17	22-Nov-17	3														06-Nov-17			22-Nov-17																			
1854	Vehicle 31 - Alstom Vehicle Acceptance Testing	13	23-Nov-17	11-Dec-17	3															23-Nov-17			11-Dec-17																		
1855	Vehicle 32 (CA)	59	27-Sep-17	19-Dec-17	3																																				
1856	Vehicle 32 - Vehicle Sub Assembly	23	27-Sep-17	30-Oct-17	3												27-Sep-17			30-Oct-17																					
1857	Vehicle 32 - Fitting & Control	12	31-Oct-17	15-Nov-17	3													31-Oct-17			15-Nov-17																				
1858	Vehicle 32 - Serial Testing	12	16-Nov-17	01-Dec-17	3														16-Nov-17			01-Dec-17																			
1859	Vehicle 32 - Alstom Vehicle Acceptance Testing	12	04-Dec-17	19-Dec-17	3															04-Dec-17			19-Dec-17																		
1860	Vehicle 33 (CA)	56	11-Oct-17	29-Dec-17	3																																				
1861	Vehicle 33 - Vehicle Sub Assembly	22	11-Oct-17	09-Nov-17	3												11-Oct-17			09-Nov-17																					
1862	Vehicle 33 - Fitting & Control	12	10-Nov-17	27-Nov-17	3													10-Nov-17			27-Nov-17																				
1863	Vehicle 33 - Serial Testing	11	28-Nov-17	12-Dec-17	3														28-Nov-17			12-Dec-17																			
1864	Vehicle 33 - Alstom Vehicle Acceptance Testing	11	13-Dec-17	29-Dec-17	3															13-Dec-17			29-Dec-17																		
1865	Vehicle 34 (CA)	53	24-Oct-17	09-Jan-18	3																																				
1866	Vehicle 34 - Vehicle Sub Assembly	22	24-Oct-17	22-Nov-17	3												24-Oct-17			22-Nov-17																					
1867	Vehicle 34 - Fitting & Control	11	23-Nov-17	07-Dec-17	3															23-Nov-17			07-Dec-17																		
TASK filters: Filter Activities Completed More Than A Month Ago, HD.						Page 52 of 62												Remaining LOE Actual LOE Remaining Work				Actual Work Milestone Critical Work				Date 21-Jul-15 21-Apr-16 21-Nov-16				Revision Rev.2.2 Rev.2.3 Rev.3.0				Checked OLRT OLRT OLRT				Approved RIO			
Data Date: 21-Nov-16																																									

		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities														OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16													
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1868	Vehicle 34 - Serial Testing	10	08-Dec-17	21-Dec-17	3														08-Dec-17		21-Dec-17								
1869	Vehicle 34 - Alstom Vehicle Acceptance Testing	10	22-Dec-17	09-Jan-18	3														22-Dec-17		09-Jan-18								
1870	Retrofitting After Design Validation	81	14-Feb-17	09-Jun-17	8																								
1871	Retrofitting of the Produced Vehicles	81	14-Feb-17	09-Jun-17	8					4-Feb-17					09-Jun-17														
1872	DEMOLITION	57	01-Dec-17	23-Feb-18	26																								
1873	Demobilization of Manufacturing & Equipment	57	01-Dec-17	23-Feb-18	26														01-Dec-17				23-Feb-18						
1874	TESTING & COMMISSIONING & HANDOVER	755	21-May-15 A	23-May-18	0																								
1875	OVERALL SYSTEM ASSURANCE	755	21-May-15 A	23-May-18	0																								
1876	SAFETY CERTIFICATION & AS BUILDS	755	21-May-15 A	23-May-18	0																								
1877	As Builds	420	20-Sep-16 A	23-May-18	0																								
1878	Produce Initial As built drawings	300	20-Sep-16 A	28-Nov-17	0	16 A																28-Nov-17							
1879	City Review	20	29-Nov-17	28-Dec-17	0														29-Nov-17		28-Dec-17								
1880	Produce & Submit Final As built drawings	100	29-Dec-17	23-May-18	0														29-Dec-17						23-May-18				
1881	Final As builds submitted	0		23-May-18	0																								
1882	Safety Certification	755	21-May-15 A	23-May-18	0																								
1883	Safety Certification Progress Spreadsheet Initial City Submission	0	12-Apr-18		29																								
1884	Submit Safety & certification files	0		23-May-18	0																								
1885	Final Certificate Signed & Submission to the City	0		23-May-18	0																								
1886	Safety Certificates	755	21-May-15 A	23-May-18	0																								
1887	SAFETY MANAGEMENT SYSTEM (SMS)	608	10-Mar-16 A	22-Dec-17	31																								
1888	Overview	0	22-Dec-17	22-Dec-17	31																								
1889	Safety Management System Completion	0		22-Dec-17	31																								
1890	4.0 - Rules and Procedures	608	10-Mar-16 A	22-Dec-17	31																								
1891	4.2 - Standard Operating Procedures	608	10-Mar-16 A	22-Dec-17	31																								
1892	4.2.1 - Procedures for Performing Work on the Confederation Line	135	05-Jun-17	14-Dec-17	37																								
1893	4.2.1.1 - Working on the Confederation Line Procedures	130	05-Jun-17	07-Dec-17	42																								
1894	General Lock-Out Tag-Out Procedures	130	05-Jun-17	07-Dec-17	42																								
1895	General Lock-Out Tag-Out Procedures First Draft Submittal	60	05-Jun-17*	29-Aug-17	42										05-Jun-17*			29-Aug-17											
1896	General Lock-Out Tag-Out Procedures First Draft Review	15	30-Aug-17	20-Sep-17	42												30-Aug-17		20-Sep-17										
1897	General Lock-Out Tag-Out Procedures Submittal	40	21-Sep-17	16-Nov-17	42													21-Sep-17		16-Nov-17									
1898	General Lock-Out Tag-Out Procedures Review	15	17-Nov-17	07-Dec-17	42														17-Nov-17		07-Dec-17								
1899	4.2.1.2 - Shop Procedures Overview	130	12-Jun-17	14-Dec-17	37																								
1900	Wash Track Procedures	130	12-Jun-17	14-Dec-17	37																								
1901	Wash Track Procedures First Draft Submittal	60	12-Jun-17*	06-Sep-17	37										12-Jun-17*			06-Sep-17											
1902	Wash Track Procedures First Draft Review	15	07-Sep-17	27-Sep-17	37												07-Sep-17		27-Sep-17										
1903	Wash Track Procedures Submittal	40	28-Sep-17	23-Nov-17	37													28-Sep-17		23-Nov-17									
1904	Wash Track Procedures Review	15	24-Nov-17	14-Dec-17	37														24-Nov-17		14-Dec-17								
1905	4.2.2 - Mainline Operating Procedures	606	10-Mar-16 A	20-Dec-17	33																								
1906	4.2.2.1 - Mainline Operating Procedures - General	382	30-Mar-16 A	31-Jan-17	257																								
1907	Rules Deviation Procedures	382	30-Mar-16 A	31-Jan-17	257																								

TASK filters: Filter Activities Completed More Than A Month Ago, HD.	Page 53 of 62	Remaining LOE Actual LOE Remaining Work	Actual Work Milestone Critical Work	<table><tr><th>Date</th><th>Revision</th><th>Checked</th><th>Approved</th></tr><tr><td>21-Jul-15</td><td>Rev.2.2</td><td>OLRT</td><td>RIO</td></tr><tr><td>21-Apr-16</td><td>Rev.2.3</td><td>OLRT</td><td></td></tr><tr><td>21-Nov-16</td><td>Rev.3.0</td><td>OLRT</td><td></td></tr></table>	Date	Revision	Checked	Approved	21-Jul-15	Rev.2.2	OLRT	RIO	21-Apr-16	Rev.2.3	OLRT		21-Nov-16	Rev.3.0	OLRT	
Date	Revision	Checked	Approved																	
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Data Date: 21-Nov-16																				

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Data Date: 21-Nov-16

Page 53 of 62

 Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

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21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018										
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
1908	Rules Deviation Procedures First Draft Submittal	137	30-Mar-16 A	10-Nov-16 A					10-Nov-16 A																			
1909	Rules Deviation Procedures First Draft Review	15	10-Nov-16 A	08-Dec-16	257		10-Nov-16 A		08-Dec-16																			
1910	Rules Deviation Procedures Submittal	20	09-Dec-16	10-Jan-17	257			09-Dec-16		10-Jan-17																		
1911	Rules Deviation Procedures Review	15	11-Jan-17	31-Jan-17	257				11-Jan-17		31-Jan-17																	
1912	LRV Event Recorder Download Procedure	193	12-Sep-16 A	03-Jan-17	277																							
1913	LRV Event Recorder Download Procedure Submittal	46	12-Sep-16 A	08-Dec-16	277	6 A			08-Dec-16																			
1914	LRV Event Recorder Download Procedure Review	15	09-Dec-16	03-Jan-17	277			09-Dec-16		03-Jan-17																		
1915	4.2.2.4 - Mainline Operating Procedures - Abnormal Operations	359	10-Mar-16 A	14-Aug-17	123																							
1916	Passenger Emergency Intercom Response Procedure	46	13-Oct-16 A	04-Jan-17	276																							
1917	Passenger Emergency Intercom Response Procedure Submittal (Response)	36	13-Oct-16 A	09-Dec-16	276	3-Oct-16 A			09-Dec-16																			
1918	Passenger Emergency Intercom Response Procedure Review	15	12-Dec-16	04-Jan-17	276			12-Dec-16		04-Jan-17																		
1919	Emergency Alarm Activations	46	13-Oct-16 A	04-Jan-17	276																							
1920	Emergency Alarm Activations Submittal (Response)	36	13-Oct-16 A	09-Dec-16	276	3-Oct-16 A			09-Dec-16																			
1921	Emergency Alarm Activations Review	15	12-Dec-16	04-Jan-17	276			12-Dec-16		04-Jan-17																		
1922	CBTC System - Onboard Faults and Failures	61	18-Oct-16 A	04-Jan-17	276																							
1923	CBTC System - Onboard Faults and Failures First Draft Review	15	18-Oct-16 A	21-Oct-16 A		18-Oct-16 A		21-Oct-16 A																				
1924	CBTC System - Onboard Faults and Failures Submittal (Response)	36	24-Oct-16 A	09-Dec-16	276	24-Oct-16 A			09-Dec-16																			
1925	CBTC System - Onboard Faults and Failures Review	15	12-Dec-16	04-Jan-17	276			12-Dec-16		04-Jan-17																		
1926	LRV Faults and Vehicle Minimum Operating Standard	62	22-Sep-16 A	26-Jan-17	260																							
1927	LRV Faults and Vehicle Minimum Operating Standard Submittal (Response)	36	22-Sep-16 A	05-Jan-17	260	16 A				05-Jan-17																		
1928	LRV Faults and Vehicle Minimum Operating Standard Review	15	06-Jan-17	26-Jan-17	260				06-Jan-17		26-Jan-17																	
1929	Removal of Defective Trains from Service	225	10-Mar-16 A	31-Jan-17	257																							
1930	Removal of Defective Trains from Service First Draft Submittal	58	10-Mar-16 A	14-Nov-16 A					14-Nov-16 A																			
1931	Removal of Defective Trains from Service First Draft Review	15	14-Nov-16 A	02-Dec-16	257		14-Nov-16 A		02-Dec-16																			
1932	Removal of Defective Trains from Service Submittal (Response)	24	05-Dec-16	10-Jan-17	257			05-Dec-16		10-Jan-17																		
1933	Removal of Defective Trains from Service Review	15	11-Jan-17	31-Jan-17	257				11-Jan-17		31-Jan-17																	
1934	LRV Door Fault Procedures	76	13-Oct-16 A	31-Jan-17	257																							
1935	LRV Door Fault Procedures Submittal (Response)	30	13-Oct-16 A	10-Jan-17	257	3-Oct-16 A				10-Jan-17																		
1936	LRV Door Fault Procedures Review	15	11-Jan-17	31-Jan-17	257				11-Jan-17		31-Jan-17																	
1937	Vehicle Brake System Failures	296	10-Mar-16 A	12-May-17	186																							
1938	Vehicle Brake System Failures First Draft Submittal	58	10-Mar-16 A	02-Mar-17	186						02-Mar-17																	
1939	Vehicle Brake System Failures First Draft Review	15	03-Mar-17	23-Mar-17	186					03-Mar-17		23-Mar-17																
1940	Vehicle Brake System Failures Submittal	20	24-Mar-17	21-Apr-17	186					24-Mar-17		21-Apr-17																
1941	Vehicle Brake System Failures Review	15	24-Apr-17	12-May-17	186					24-Apr-17		12-May-17																
1942	Degraded Adhesion Procedures	61	18-Oct-16 A	04-Jan-17	276																							
1943	Degraded Adhesion Procedures First Draft Review	15	18-Oct-16 A	08-Nov-16 A		18-Oct-16 A		08-Nov-16 A																				
1944	Degraded Adhesion Procedures Submittal (Response)	30	09-Nov-16 A	09-Dec-16	276		09-Nov-16 A		09-Dec-16																			
1945	Degraded Adhesion Procedures Review	15	12-Dec-16	04-Jan-17	276			12-Dec-16		04-Jan-17																		
1946	CBTC Target Point Overshoot Procedure	55	18-Oct-16 A	05-Jan-17	275																							

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 54 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1947	CBTC Target Point Overshoot Procedure Submittal (Response)	30	18-Oct-16 A	12-Dec-16	275	18-Oct-16 A				12-Dec-16																	
1948	CBTC Target Point Overshoot Procedure Review	15	13-Dec-16	05-Jan-17	275			13-Dec-16		05-Jan-17																	
1949	Track Obstructions	71	18-Oct-16 A	04-Jan-17	276																						
1950	Track Obstructions First Draft Review	15	18-Oct-16 A	08-Nov-16 A		18-Oct-16 A		08-Nov-16 A																			
1951	Track Obstructions Submittal (Response)	30	09-Nov-16 A	09-Dec-16	276	09-Nov-16 A		09-Dec-16																			
1952	Track Obstructions Review	15	12-Dec-16	04-Jan-17	276			12-Dec-16		04-Jan-17																	
1953	In Service Track Failures	71	18-Oct-16 A	04-Jan-17	276																						
1954	In Service Track Failures First Draft Review	15	18-Oct-16 A	08-Nov-16 A		18-Oct-16 A		08-Nov-16 A																			
1955	In Service Track Failures Submittal (Response)	30	09-Nov-16 A	09-Dec-16	276	09-Nov-16 A		09-Dec-16																			
1956	In Service Track Failures Review	15	12-Dec-16	04-Jan-17	276			12-Dec-16		04-Jan-17																	
1957	CBTC System - Wayside Faults and Failures	300	10-Mar-16 A	18-May-17	182																						
1958	CBTC System - Wayside Faults and Failures First Draft Submittal	58	10-Mar-16 A	08-Mar-17	182					08-Mar-17																	
1959	CBTC System - Wayside Faults and Failures First Draft Review	15	09-Mar-17	29-Mar-17	182					09-Mar-17		29-Mar-17															
1960	CBTC System - Wayside Faults and Failures Submittal	20	30-Mar-17	27-Apr-17	182					30-Mar-17		27-Apr-17															
1961	CBTC System - Wayside Faults and Failures Review	15	28-Apr-17	18-May-17	182					28-Apr-17		18-May-17															
1962	Traction Power Supply and Distribution Failures	295	10-Mar-16 A	11-May-17	187																						
1963	Traction Power Supply and Distribution Failures First Draft Submittal	58	10-Mar-16 A	08-Mar-17	187					08-Mar-17																	
1964	Traction Power Supply and Distribution Failures First Draft Review	10	09-Mar-17	22-Mar-17	187					09-Mar-17		22-Mar-17															
1965	Traction Power Supply and Distribution Failures Submittal	20	23-Mar-17	20-Apr-17	187					23-Mar-17		20-Apr-17															
1966	Traction Power Supply and Distribution Failures Review	15	21-Apr-17	11-May-17	187					21-Apr-17		11-May-17															
1967	Seismic Events	206	10-Mar-16 A	04-Jan-17	276																						
1968	Seismic Events First Draft Submittal	58	10-Mar-16 A	21-Oct-16 A				21-Oct-16 A																			
1969	Seismic Events First Draft Review	15	21-Oct-16 A	23-Nov-16	276	21-Oct-16 A		23-Nov-16																			
1970	Seismic Events Submittal (Response)	12	24-Nov-16	09-Dec-16	276			24-Nov-16		09-Dec-16																	
1971	Seismic Events Review	15	12-Dec-16	04-Jan-17	276			12-Dec-16		04-Jan-17																	
1972	Comms System Faults and Failures	295	10-Mar-16 A	11-May-17	187																						
1973	Comms System Faults and Failures First Draft Submittal	58	10-Mar-16 A	14-Nov-16 A				14-Nov-16 A																			
1974	Comms System Faults and Failures First Draft Review	15	14-Nov-16 A	22-Mar-17	187	14-Nov-16 A		22-Mar-17																			
1975	Comms System Faults and Failures Submittal	20	23-Mar-17	20-Apr-17	187					23-Mar-17		20-Apr-17															
1976	Comms System Faults and Failures Review	15	21-Apr-17	11-May-17	187					21-Apr-17		11-May-17															
1977	CBTC System - Central Equipment Failures	301	10-Mar-16 A	19-May-17	181																						
1978	CBTC System - Central Equipment Failures First Draft Submittal	58	10-Mar-16 A	09-Mar-17	181					09-Mar-17																	
1979	CBTC System - Central Equipment Failures First Draft Review	15	10-Mar-17	30-Mar-17	181					10-Mar-17		30-Mar-17															
1980	CBTC System - Central Equipment Failures Submittal	20	31-Mar-17	28-Apr-17	181					31-Mar-17		28-Apr-17															
1981	CBTC System - Central Equipment Failures Review	15	01-May-17	19-May-17	181					01-May-17		19-May-17															
1982	Declaration of Line of Sight Operation	301	10-Mar-16 A	19-May-17	181																						
1983	Declaration of Line of Sight Operation First Draft Submittal	58	10-Mar-16 A	09-Mar-17	181					09-Mar-17																	
1984	Declaration of Line of Sight Operation First Draft Review	15	10-Mar-17	30-Mar-17	181					10-Mar-17		30-Mar-17															

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 55 of 62

Remaining LOE
 Actual Work
 Actual LOE
 Milestone
 Remaining Work
 Critical Work

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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1985	Declaration of Line of Sight Operation Submittal	20	31-Mar-17	28-Apr-17	181							31-Mar-17		28-Apr-17															
1986	Declaration of Line of Sight Operation Review	15	01-May-17	19-May-17	181							01-May-17		19-May-17															
1987	Inclement Weather Procedures	304	10-Mar-16 A	25-May-17	178																								
1988	Inclement Weather Procedures First Draft Submittal	58	10-Mar-16 A	14-Mar-17	178							14-Mar-17																	
1989	Inclement Weather Procedures First Draft Review	15	15-Mar-17	04-Apr-17	178						15-Mar-17		04-Apr-17																
1990	Inclement Weather Procedures Submittal	20	05-Apr-17	03-May-17	178						05-Apr-17		03-May-17																
1991	Inclement Weather Procedures Review	15	04-May-17	25-May-17	178						04-May-17		25-May-17																
1992	OCS Failures/Damage	306	10-Mar-16 A	29-May-17	176																								
1993	OCS Failures/Damage First Draft Submittal	58	10-Mar-16 A	16-Mar-17	176						16-Mar-17																		
1994	OCS Failures/Damage First Draft Review	15	17-Mar-17	06-Apr-17	176						17-Mar-17		06-Apr-17																
1995	OCS Failures/Damage Submittal	20	07-Apr-17	05-May-17	176						07-Apr-17		05-May-17																
1996	OCS Failures/Damage Review	15	08-May-17	29-May-17	176						08-May-17		29-May-17																
1997	Activation of BCC	359	10-Mar-16 A	14-Aug-17	123																								
1998	Activation of BCC First Draft Submittal	58	10-Mar-16 A	01-Jun-17	123						01-Jun-17																		
1999	Activation of BCC First Draft Review	15	02-Jun-17	22-Jun-17	123						02-Jun-17		22-Jun-17																
2000	Activation of BCC Submittal	20	23-Jun-17	21-Jul-17	123						23-Jun-17		21-Jul-17																
2001	Activation of BCC Service Review	15	24-Jul-17	14-Aug-17	123						24-Jul-17		14-Aug-17																
2002	Driver Vigilance System Activations	20	13-Oct-16 A	04-Jan-17	276																								
2003	Driver Vigilance System Activations Submittal	20	13-Oct-16 A	09-Dec-16	276	13-Oct-16 A			09-Dec-16																				
2004	Driver Vigilance System Activations Review	15	12-Dec-16	04-Jan-17	276			12-Dec-16		04-Jan-17																			
2005	GIDS Activation	225	10-Mar-16 A	31-Jan-17	257																								
2006	GIDS Activation First Draft Submittal	58	10-Mar-16 A	15-Dec-16	257				15-Dec-16																				
2007	GIDS Activation First Draft Review	10	16-Dec-16	03-Jan-17	257			16-Dec-16		03-Jan-17																			
2008	GIDS Activation Submittal	10	04-Jan-17	17-Jan-17	257			04-Jan-17		17-Jan-17																			
2009	GIDS Activation Review	10	18-Jan-17	31-Jan-17	257			18-Jan-17		31-Jan-17																			
2010	Train to Train Evacuation	225	10-Mar-16 A	31-Jan-17	120																								
2011	Train to Train Evacuation First Draft Submittal	58	10-Mar-16 A	15-Dec-16	120				15-Dec-16																				
2012	Train to Train Evacuation First Draft Review	10	16-Dec-16	03-Jan-17	120			16-Dec-16		03-Jan-17																			
2013	Train to Train Evacuation Submittal	10	04-Jan-17	17-Jan-17	120			04-Jan-17		17-Jan-17																			
2014	Train to Train Evacuation Review	10	18-Jan-17	31-Jan-17	120			18-Jan-17		31-Jan-17																			
2015	4.2.2.5 - Mainline Operating Procedures - Station Specific	125	23-Jun-17	20-Dec-17	33																								
2016	Mainline Operating Procedures - Station Specific First Draft Submittal	60	23-Jun-17*	19-Sep-17	33								23-Jun-17*		19-Sep-17														
2017	Mainline Operating Procedures - Station Specific First Draft Review	15	20-Sep-17	11-Oct-17	33									20-Sep-17		11-Oct-17													
2018	Mainline Operating Procedures - Station Specific Submittal	35	12-Oct-17	29-Nov-17	33									12-Oct-17		29-Nov-17													
2019	Mainline Operating Procedures - Station Specific Review	15	30-Nov-17	20-Dec-17	33										30-Nov-17		20-Dec-17												
2020	4.2.3. - Yard Operating Procedures	111	18-Jul-17	22-Dec-17	31																								
2021	Planned Vehicle Coupling and Uncoupling	111	18-Jul-17	22-Dec-17	31																								
2022	Planned Vehicle Coupling and Uncoupling First Draft Submittal	40	18-Jul-17*	13-Sep-17	31								18-Jul-17*		13-Sep-17														
2023	Planned Vehicle Coupling and Uncoupling First Draft Review	15	14-Sep-17	04-Oct-17	31									14-Sep-17		04-Oct-17													

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Page 56 of 62

Remaining LOE
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 Milestone
 Remaining Work
 Critical Work

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OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float
2024	Planned Vehicle Coupling and Uncoupling Submittal	41	05-Oct-17	01-Dec-17	31
2025	Planned Vehicle Coupling and Uncoupling Review	15	04-Dec-17	22-Dec-17	31
2026	4.2.4. - MSF Specific Procedures	110	13-Mar-17	17-Aug-17	120
2027	MSF Specific Procedures (MSF Power Failure) First Draft Submittal	58	13-Mar-17*	02-Jun-17	120
2028	MSF Specific Procedures (MSF Power Failure) First Draft Review	15	05-Jun-17	23-Jun-17	120
2029	MSF Specific Procedures (MSF Power Failure) Submittal	22	26-Jun-17	26-Jul-17	120
2030	MSF Specific Procedures (MSF Power Failure) Review	15	27-Jul-17	17-Aug-17	120
2031	4.6. - Infrastructure Maintenance and Inspection Rules	264	28-Jul-16 A	16-Aug-17	19
2032	Infrastructure Maintenance and Inspection Rules First Draft Submittal	30	28-Jul-16 A	01-Jun-17	19
2033	Infrastructure Maintenance and Inspection Rules First Draft Review	15	02-Jun-17	22-Jun-17	19
2034	Infrastructure Maintenance and Inspection Rules Submittal	22	23-Jun-17	25-Jul-17	19
2035	Infrastructure Maintenance and Inspection Rules Review	15	26-Jul-17	16-Aug-17	19
2036	4.7. - Vehicle Maintenance and Inspection Rules	238	06-Sep-16 A	16-Aug-17	19
2037	Vehicle Maintenance and Inspection Rules First Draft Submittal	30	06-Sep-16 A	01-Jun-17	19 A
2038	Vehicle Maintenance and Inspection Rules First Draft Review	15	02-Jun-17	22-Jun-17	19
2039	Vehicle Maintenance and Inspection Rules Submittal	22	23-Jun-17	25-Jul-17	19
2040	Vehicle Maintenance and Inspection Rules Review	15	26-Jul-17	16-Aug-17	19
2041	6.0. - Emergency Planning and Response	331	29-Aug-16 A	31-Jan-17	3
2042	6.2. - Emergency Response Procedures	331	29-Aug-16 A	31-Jan-17	3
2043	Emergency Response Proce dures First Draft Submittal	63	29-Aug-16 A	02-Nov-16 A	
2044	Emergency Response Proce dures First Draft Review	107	02-Nov-16 A	24-Nov-16	3
2045	Emergency Response Proce dures Submittal	30	25-Nov-16	10-Jan-17	3
2046	Emergency Response Proce dures Review	15	11-Jan-17	31-Jan-17	3
2047	SECURITY MANAGEMENT SYSTEM (SeMS)	0	10-Nov-16 A	10-Nov-16 A	
2048	Security Management System Completion (based on the attached Response to RFI-O-DEVI-226)	0		10-Nov-16 A	
2049	TRAINING FOR OPERATING & MAINTNANCE & HANDOVER	549	18-Apr-16 A	17-Apr-18	25
2050	OLRT TRAINING SCHEDULE	549	18-Apr-16 A	17-Apr-18	25
2051	Management	120	18-Apr-16 A	17-May-17	3
2052	Collect vendor documentation	120	18-Apr-16 A	17-May-17	3
2053	RTG Driver Training Program	48	24-Oct-16 A	30-Dec-16	349
2054	RTG Driver Training Program - Part 1	3	24-Oct-16 A	26-Oct-16 A	
2055	RTG Driver Training Program - Part 2	2	05-Dec-16	06-Dec-16	349
2056	4 RTG Drivers Trained & Certified	0		30-Dec-16	349
2057	RTG Controller Training	63	16-Sep-16 A	30-Dec-16	38
2058	RTG Controller Training Program - Field	50	16-Sep-16 A	30-Dec-16	38
2059	2 RTG Controllers Trained	0		30-Dec-16	38
2060	OCT Train the Trainer Program	157	01-Feb-17	15-Sep-17	3

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
21-Apr-16	Rev.2.3	OLRT	
21-Nov-16	Rev.3.0	OLRT	



OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float					2017												2018						
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
2061	Develop and submit Train the Trainer Program course material (OCT Driver Training)	74	01-Feb-17	17-May-17	3				01-Feb-17						17-May-17													
2062	City review, comment and accept Train the Trainer Program course material (OCT Driver Training) finalize course material	64	01-Mar-17	31-May-17	3					01-Mar-17					31-May-17													
2063	Conduct Train the Trainer Program courses (OCT Driver Training)	25	12-Jun-17	17-Jul-17	3									12-Jun-17			17-Jul-17											
2064	5 OCT Trainers Trained (1 for City Employee Training and 1 for Emergency Responder Trainer)	0		31-Jul-17	3																							
2065	(OC Transpo Activity) Study and prepare for OCT Driver Training // Trainer Skills Development Period	10	18-Jul-17	31-Jul-17	3										18-Jul-17		31-Jul-17											
2066	Conduct Train the Trainer Course (RTG oversight of OCT Trainers)	32	01-Aug-17	15-Sep-17	3										01-Aug-17		15-Sep-17											
2067	OCT Driver Training Program	178	01-Aug-17	17-Apr-18	3																							
2068	(OC Transpo Activity) Begin OCT Driver Training Program	0	01-Aug-17		3																							
2069	64 EROs Trained	0		17-Apr-18	3																							
2070	(OC Transpo Activity) Driver Training	178	01-Aug-17	17-Apr-18	3										01-Aug-17										17-Apr-18			
2071	OCT Controllers Training Program	302	01-Feb-17	16-Apr-18	3																							
2072	Develop and submit OCT Controller Training Program course material	74	01-Feb-17	17-May-17	3				01-Feb-17						17-May-17													
2073	City review, comment and accept on OCT Controller Training Program course material	64	01-Mar-17	31-May-17	3					01-Mar-17					31-May-17													
2074	Controller Training Group No 1 (5 Controller)	63	26-Jun-17	25-Sep-17	3									26-Jun-17			25-Sep-17											
2075	Controller Training Group No 2 (5 Controller)	58	02-Oct-17	21-Dec-17	3												02-Oct-17			21-Dec-17								
2076	Controller Training Group No 3 (5 Controller)	59	22-Jan-18	16-Apr-18	3														22-Jan-18						16-Apr-18			
2077	15 OCT Controllers Trained	0		16-Apr-18	3																							
2078	INTEGRATED TESTING & COMMISSIONING	982	27-Oct-16	04-May-18	12																							
2079	Vehicles testing	251	31-Jan-17	30-Jan-18	3																							
2080	Vehicle Dynamic - Integration Testing for Onboard Equipment	241	31-Jan-17	16-Jan-18	3																							
2081	Dynamic PICO vehicle #1	15	31-Jan-17	21-Feb-17	13				31-Jan-17					21-Feb-17														
2082	Dynamic PICO vehicle #2	15	24-Feb-17	16-Mar-17	11					24-Feb-17				16-Mar-17														
2083	Dynamic PICO vehicle #5	13	17-Mar-17	04-Apr-17	11					17-Mar-17				04-Apr-17														
2084	Dynamic PICO vehicle #6	13	05-Apr-17	24-Apr-17	11						05-Apr-17			24-Apr-17														
2085	Dynamic PICO vehicle #7	11	25-Apr-17	09-May-17	11							25-Apr-17		09-May-17														
2086	Dynamic PICO vehicle #8	11	10-May-17	25-May-17	11							10-May-17		25-May-17														
2087	Dynamic PICO vehicle #9	9	01-Jun-17	13-Jun-17	7								01-Jun-17		13-Jun-17													
2088	Dynamic PICO vehicle #10	9	14-Jun-17	26-Jun-17	8								14-Jun-17		26-Jun-17													
2089	Dynamic PICO vehicle #11	7	27-Jun-17	06-Jul-17	8								27-Jun-17		06-Jul-17													
2090	Dynamic PICO vehicle #12	7	07-Jul-17	17-Jul-17	10									07-Jul-17		17-Jul-17												
2091	Dynamic PICO vehicle #3	5	18-Jul-17	24-Jul-17	9									18-Jul-17		24-Jul-17												
2092	Dynamic PICO vehicle #13	5	18-Jul-17	24-Jul-17	11									18-Jul-17		24-Jul-17												
2093	Dynamic PICO vehicle #4	5	25-Jul-17	31-Jul-17	14									25-Jul-17		31-Jul-17												
2094	Dynamic PICO vehicle #14	5	25-Jul-17	31-Jul-17	14									25-Jul-17		31-Jul-17												
2095	Dynamic PICO vehicle #15	5	01-Aug-17	08-Aug-17	14									01-Aug-17		08-Aug-17												

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 58 of 62

Remaining LOE
 Actual Work
 Actual LOE
 ◆ Milestone
 Remaining Work
 Critical Work

Date	Revision	Checked	Approved
21-Jul-15	Rev.2.2	OLRT	RIO
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		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities														OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16																																	
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018																															
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul																					
2096	Dynamic PICO vehicle #16	5	10-Aug-17	16-Aug-17	14											10-Aug-17	16-Aug-17																																
2097	Dynamic PICO vehicle #17	5	17-Aug-17	23-Aug-17	14											17-Aug-17	23-Aug-17																																
2098	Dynamic PICO vehicle #18	5	24-Aug-17	30-Aug-17	14											24-Aug-17	30-Aug-17																																
2099	Dynamic PICO vehicle #19	5	31-Aug-17	07-Sep-17	14											31-Aug-17	07-Sep-17																																
2100	Dynamic PICO vehicle #20	5	08-Sep-17	14-Sep-17	14											08-Sep-17	14-Sep-17																																
2101	Dynamic PICO vehicle #21	5	15-Sep-17	21-Sep-17	14											15-Sep-17	21-Sep-17																																
2102	Dynamic PICO vehicle #22	5	26-Sep-17	02-Oct-17	12											26-Sep-17	02-Oct-17																																
2103	Dynamic PICO vehicle #23	5	04-Oct-17	11-Oct-17	11											04-Oct-17	11-Oct-17																																
2104	Dynamic PICO vehicle #24	5	12-Oct-17	18-Oct-17	11											12-Oct-17	18-Oct-17																																
2105	Dynamic PICO vehicle #25	5	19-Oct-17	25-Oct-17	11											19-Oct-17	25-Oct-17																																
2106	Dynamic PICO vehicle #26	5	30-Oct-17	03-Nov-17	9											30-Oct-17	03-Nov-17																																
2107	Dynamic PICO vehicle #27	5	07-Nov-17	13-Nov-17	8											07-Nov-17	13-Nov-17																																
2108	Dynamic PICO vehicle #28	5	17-Nov-17	23-Nov-17	5											17-Nov-17	23-Nov-17																																
2109	Dynamic PICO vehicle #29	5	24-Nov-17	30-Nov-17	5											24-Nov-17	30-Nov-17																																
2110	Dynamic PICO vehicle #30	5	05-Dec-17	11-Dec-17	3											05-Dec-17	11-Dec-17																																
2111	Dynamic PICO vehicle #31	5	12-Dec-17	18-Dec-17	3											12-Dec-17	18-Dec-17																																
2112	Dynamic PICO vehicle #32	5	20-Dec-17	28-Dec-17	3											20-Dec-17	28-Dec-17																																
2113	Dynamic PICO vehicle #33	5	02-Jan-18	08-Jan-18	3											02-Jan-18	08-Jan-18																																
2114	Train Dynamic Test Completion	0		16-Jan-18	3																																												
2115	Dynamic PICO vehicle #34	5	10-Jan-18	16-Jan-18	3											10-Jan-18	16-Jan-18																																
2116	Vehicle Acceptance Testings	206	05-Apr-17	30-Jan-18	3																																												
2117	Overall Acceptance test for Vehicle 5	24	05-Apr-17	09-May-17	12					05-Apr-17				09-May-17																																			
2118	Overall Acceptance test for Vehicle 6	20	25-Apr-17	23-May-17	11					25-Apr-17				23-May-17																																			
2119	Overall Acceptance test for Vehicle 7	19	10-May-17	06-Jun-17	12					10-May-17				06-Jun-17																																			
2120	Overall Acceptance test for Vehicle 8	18	29-May-17	21-Jun-17	11					29-May-17				21-Jun-17																																			
2121	Overall Acceptance test for Vehicle 1	13	19-Jun-17	06-Jul-17	8								19-Jun-17	06-Jul-17																																			
2122	Overall Acceptance test for Vehicle 9	17	14-Jun-17	07-Jul-17	7								14-Jun-17	07-Jul-17																																			
2123	Overall Acceptance test for Vehicle 10	16	27-Jun-17	19-Jul-17	8								27-Jun-17	19-Jul-17																																			
2124	Overall Acceptance test for Vehicle 2	13	07-Jul-17	25-Jul-17	8								07-Jul-17	25-Jul-17																																			
2125	Overall Acceptance test for Vehicle 11	15	10-Jul-17	28-Jul-17	7								10-Jul-17	28-Jul-17																																			
2126	Overall Acceptance test for Vehicle 12	14	20-Jul-17	09-Aug-17	8								20-Jul-17	09-Aug-17																																			
2127	Overall Acceptance test for Vehicle 3	13	26-Jul-17	14-Aug-17	8								26-Jul-17	14-Aug-17																																			
2128	Overall Acceptance test for Vehicle 13	13	31-Jul-17	17-Aug-17	7								31-Jul-17	17-Aug-17																																			
2129	Overall Acceptance test for Vehicle 14	12	10-Aug-17	25-Aug-17	8								10-Aug-17	25-Aug-17																																			
2130	Overall Acceptance test for Vehicle 4	13	15-Aug-17	31-Aug-17	8								15-Aug-17	31-Aug-17																																			
TASK filters: Filter Activities Completed More Than A Month Ago, HD.										Page 59 of 62										Remaining LOE Actual Work Actual LOE Milestone Remaining Work Critical Work										<table><tr><th>Date</th><th>Revision</th><th>Checked</th><th>Approved</th></tr><tr><td>21-Jul-15</td><td>Rev.2.2</td><td>OLRT</td><td>RIO</td></tr><tr><td>21-Apr-16</td><td>Rev.2.3</td><td>OLRT</td><td></td></tr><tr><td>21-Nov-16</td><td>Rev.3.0</td><td>OLRT</td><td></td></tr></table>				Date	Revision	Checked	Approved	21-Jul-15	Rev.2.2	OLRT	RIO	21-Apr-16	Rev.2.3	OLRT		21-Nov-16	Rev.3.0	OLRT	
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#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
2131	Overall Acceptance test for Vehicle 15	11	18-Aug-17	01-Sep-17	7											18-Aug-17		01-Sep-17											
2132	Overall Acceptance test for Vehicle 16	10	28-Aug-17	11-Sep-17	8											28-Aug-17		11-Sep-17											
2133	Overall Acceptance test for Vehicle 17	10	05-Sep-17	18-Sep-17	7											05-Sep-17		18-Sep-17											
2134	Overall Acceptance test for Vehicle 18	10	12-Sep-17	25-Sep-17	8											12-Sep-17		25-Sep-17											
2135	Overall Acceptance test for Vehicle 19	10	19-Sep-17	02-Oct-17	7											19-Sep-17		02-Oct-17											
2136	Overall Acceptance test for Vehicle 20	10	26-Sep-17	10-Oct-17	8											26-Sep-17		10-Oct-17											
2137	Overall Acceptance test for Vehicle 21	10	03-Oct-17	17-Oct-17	7											03-Oct-17		17-Oct-17											
2138	Overall Acceptance test for Vehicle 22	10	11-Oct-17	24-Oct-17	8											11-Oct-17		24-Oct-17											
2139	Overall Acceptance test for Vehicle 23	10	18-Oct-17	31-Oct-17	7											18-Oct-17		31-Oct-17											
2140	Overall Acceptance test for Vehicle 24	10	25-Oct-17	07-Nov-17	8											25-Oct-17		07-Nov-17											
2141	Overall Acceptance test for Vehicle 25	10	01-Nov-17	14-Nov-17	7											01-Nov-17		14-Nov-17											
2142	Overall Acceptance test for Vehicle 26	10	08-Nov-17	21-Nov-17	8											08-Nov-17		21-Nov-17											
2143	Overall Acceptance test for Vehicle 27	10	15-Nov-17	28-Nov-17	7											15-Nov-17		28-Nov-17											
2144	Overall Acceptance test for Vehicle 28	10	24-Nov-17	07-Dec-17	6											24-Nov-17		07-Dec-17											
2145	Overall Acceptance test for Vehicle 29	10	01-Dec-17	14-Dec-17	5											01-Dec-17		14-Dec-17											
2146	Overall Acceptance test for Vehicle 30	10	12-Dec-17	27-Dec-17	4											12-Dec-17		27-Dec-17											
2147	Overall Acceptance test for Vehicle 31	10	19-Dec-17	04-Jan-18	3											19-Dec-17		04-Jan-18											
2148	Overall Acceptance test for Vehicle 32	10	29-Dec-17	12-Jan-18	3											29-Dec-17		12-Jan-18											
2149	Overall Acceptance test for Vehicle 33	10	09-Jan-18	22-Jan-18	3											09-Jan-18		22-Jan-18											
2150	Overall Acceptance test for Vehicle 34	10	17-Jan-18	30-Jan-18	3											17-Jan-18		30-Jan-18											
2151	Train Acceptance Test Completion	0		30-Jan-18	3																								
2152	Maintenance Storage Facility (MSF) & Yard - Testing	340	27-Oct-16 A	06-Mar-18	8																								
2153	Power Supply & Distribution (PSD) System Wide Integration Testing (Test Track Area)	66	27-Oct-16 A	31-Jan-17	41	27-Oct-16 A										31-Jan-17													
2154	Communication Based Train Control (CBTC) @ Zone 5 System Wide Integration Testing - Wayside	52	16-Jan-17	29-Mar-17	18				16-Jan-17							29-Mar-17													
2155	Signals and Communications (COM) @ Zone 5 System Wide Integration Testing - Wayside	45	15-Feb-17	20-Apr-17	41				15-Feb-17							20-Apr-17													
2156	Communication Based Train Control (CBTC) @ Zone 5 System Wide Integration Testing - Zone Controller	52	13-Feb-17	27-Apr-17	38				13-Feb-17							27-Apr-17													
2157	Facilities & Guideway (F&G) @ MSF System Wide Integration Testing	40	28-Apr-17	23-Jun-17	41							28-Apr-17				23-Jun-17													
2158	Verify TSCC Integration	40	09-Jan-18	06-Mar-18	8											09-Jan-18								06-Mar-18					
2159	At Grade Section @ ZC #4 - System Wide Testing	122	01-Feb-17	26-Jul-17	41																								
2160	Cyrville Station System Integration Testing	20	20-Mar-17	17-Apr-17	80							20-Mar-17				17-Apr-17													
2161	Power Supply & Distribution (PSD) System Wide Integration Testing (Test Track Area)	55	01-Feb-17	20-Apr-17	41				01-Feb-17							20-Apr-17													
2162	Communication Based Train Control (CBTC) @ Zone 4 System Wide Integration Testing - Wayside	60	16-Feb-17	12-May-17	18				16-Feb-17							12-May-17													
2163	Blair Station System Integration Testing	20	18-Apr-17	15-May-17	80							18-Apr-17				15-May-17													
TASK filters: Filter Activities Completed More Than A Month Ago, HD.						Page 60 of 62												Data Date: 21-Nov-16											
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OLRT Constructors/Constructeurs - Confederation Line Project

Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Remaining Activities

OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
2164	Signals and Communications (COM) @ Zone 4 System Wide Integration Testing - Wayside	45	21-Apr-17	23-Jun-17	41								21-Apr-17																
2165	Communication Based Train Control (CBTC) @ Zone 4 System Wide Integration Testing - Zone Controller @ Blair	65	23-Mar-17	23-Jun-17	38							23-Mar-17																	
2166	Facilities & Guideway (F&G) @ Zone 4 System Wide Integration Testing - Wayside	22	26-Jun-17	26-Jul-17	41										26-Jun-17														
2167	At Grade Section @ ZC #3 - System Wide Testing	169	21-Mar-17	20-Nov-17	3																								
2168	Tunnel Ventilation System Integration Testing @ St. Laurent Station	20	21-Mar-17	18-Apr-17	64							21-Mar-17				18-Apr-17													
2169	St.Laurent Station System Integration Testing	22	11-May-17	12-Jun-17	48										11-May-17														
2170	Tramblay Station System Integration Testing	22	11-Jul-17	10-Aug-17	29												11-Jul-17												
2171	Power Supply & Distribution (PSD) System Wide Integration Testing (Up to Rideau River Bridge)	50	19-Jun-17	29-Aug-17	23										19-Jun-17														
2172	Communication Based Train Control (CBTC) @ Zone 3 System Wide Integration Testing - Wayside	74	23-May-17	06-Sep-17	13										23-May-17														
2173	Hurdman Station System Integration Testing	22	11-Aug-17	12-Sep-17	29												11-Aug-17												
2174	Signals and Communications (COM) @ Zone 3 System Wide Integration Testing - Wayside	40	16-Aug-17	12-Oct-17	8												16-Aug-17												
2175	Communication Based Train Control (CBTC) @ Zone 3 System Wide Integration Testing - Zone Controller @ Tramblay	45	16-Aug-17	19-Oct-17	3												16-Aug-17												
2176	Facilities & Guideway (F&G) @ Zone 3 System Wide Integration Testing - Wayside	22	20-Oct-17	20-Nov-17	3													20-Oct-17											
2177	Tunnel Section & At Grade Section @ ZC #2 - System Wide Testing	107	07-Sep-17	08-Feb-18	0																								
2178	Lees Station System Integration Testing	15	10-Oct-17	30-Oct-17	20														10-Oct-17										
2179	Communication Based Train Control (CBTC) @ Zone 2 System Wide Integration Testing - Wayside (U/G Section)	40	07-Sep-17	02-Nov-17	34														07-Sep-17										
2180	Tunnel Ventilation System Integration Testing @ Tunnel - West Tunnel Section	10	31-Oct-17	13-Nov-17	18															31-Oct-17									
2181	uOttawa Station System Integration Testing	15	31-Oct-17	20-Nov-17	20															31-Oct-17									
2182	Communication Based Train Control (CBTC) @ Zone 2 System Wide Integration Testing - Wayside (A/G Section)	40	27-Sep-17	22-Nov-17	5															27-Sep-17									
2183	Power Supply & Distribution (PSD) System Wide Integration Testing (Rideau River Bridge-West Portal)	50	25-Sep-17	04-Dec-17	0															25-Sep-17									
2184	Tunnel Ventilation System Integration Testing @ Lyon Station	20	14-Nov-17	11-Dec-17	18																14-Nov-17								
2185	Tunnel Ventilation System Integration Testing @ Tunnel - East Tunnel Section	10	15-Dec-17	02-Jan-18	5																15-Dec-17								
2186	Lyon Station Station System Integration Testing	15	12-Dec-17	04-Jan-18	5																12-Dec-17								
2187	Communication Based Train Control (CBTC) @ Zone 2 System Wide Integration Testing - Zone Controller @ uOttawa	30	23-Nov-17	08-Jan-18	0																23-Nov-17								
2188	Signals and Communications (COM) @ Zone 2 System Wide Integration Testing - Wayside	50	27-Oct-17	09-Jan-18	0																27-Oct-17								
2189	Tunnel Ventilation System Integration Testing @ Parliament Station	20	28-Dec-17	25-Jan-18	5																	28-Dec-17							
2190	Tunnel Ventilation System Integration Testing @ Rideau Station	20	03-Jan-18	30-Jan-18	7																	03-Jan-18							
2191	Parliament Station Station System Integration Testing	15	12-Jan-18	01-Feb-18	0																	12-Jan-18							
2192	Facilities & Guideway (F&G) @ Zone 2 System Wide Integration Testing - Wayside	22	10-Jan-18	08-Feb-18	0																	10-Jan-18							
2193	Rideau Station Station System Integration Testing	15	19-Jan-18	08-Feb-18	0																		19-Jan-18						
2194	At Grade Section @ ZC #1 - System Wide Testing	85	27-Sep-17	29-Jan-18	0																								
2195	Tunney's Pasture Station System Integration Testing	20	23-Oct-17	17-Nov-17	8																								

TASK filters: Filter Activities Completed More Than A Month Ago, HD.

Page 61 of 62

Data Date: 21-Nov-16

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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul			
2196	Communication Based Train Control (CBTC) @ Zone 1 System Wide Integration Testing - Wayside	40	27-Sep-17	22-Nov-17	20												27-Sep-17														
2197	Bayview Station System Integration Testing	20	27-Nov-17	22-Dec-17	3														27-Nov-17												
2198	Power Supply & Distribution (PSD) System Wide Integration Testing (West Portal-Tunney's Pasture Station)	40	31-Oct-17	27-Dec-17	0													31-Oct-17													
2199	Signals and Communications (COM) @ Zone 1 System Wide Integration Testing - Wayside	35	07-Nov-17	27-Dec-17	0													07-Nov-17													
2200	Communication Based Train Control (CBTC) @ Zone 1 System Wide Integration Testing - Zone Controller @ Tunneys Pasture S.	30	23-Nov-17	08-Jan-18	0														23-Nov-17												
2201	Pimisi Station System Integration Testing	20	27-Dec-17	24-Jan-18	3														27-Dec-17												
2202	Facilities & Guideway (F&G) @ Zone 1 System Wide Integration Testing - Wayside	22	28-Dec-17	29-Jan-18	0														28-Dec-17												
2203	Overall Systems Integration Testing	84	06-Dec-17	09-Apr-18	0																										
2204	Communication Transmission System Overall System-wide Integration Testing	22	06-Dec-17	09-Jan-18	0														06-Dec-17												
2205	Tunnel Ventilation Overall System-wide Integration Testing	41	10-Jan-18	08-Mar-18	0															10-Jan-18											
2206	System-wide Integration Testing	40	09-Feb-18	09-Apr-18	0																09-Feb-18										
2207	Vehicle Service Equipment Completion	96	15-Dec-17	04-May-18	12																										
2208	Completion of Train Manufacturing	0	15-Dec-17		12																										
2209	MSF Fitout For Maintenance	65	15-Dec-17	21-Mar-18	12														15-Dec-17												
2210	Verify Equipment Without Train (Site Acceptance Testing)	23	22-Mar-18	24-Apr-18	12																										
2211	Verify Equipment With Train (System Integration Testing)	8	25-Apr-18	04-May-18	12																										
2212	Vehicle Service Equipment Available	0		04-May-18	12																										
2213	MSF Final Acceptance & Comissioning	31	22-Mar-18	04-May-18	12																										
2214	Train Wash Equipment Completion @ MSF	65	15-Dec-17	21-Mar-18	12																										
2215	Completion of Train Manufacturing	0	15-Dec-17		12																										
2216	Train Wash Equipment Installation Completion	50	15-Dec-17	28-Feb-18	12														15-Dec-17												
2217	Verify Train Wash Equipment Without Train (Site Acceptance Testing)	10	01-Mar-18	14-Mar-18	12																										
2218	Verify Train Wash Equipment With Train (System Integration Testing)	5	15-Mar-18	21-Mar-18	12																										
2219	Train Wash Equipment Available	0		21-Mar-18	12																										
2220	MSF Train Wash Equipment Completion & Testing	15	01-Mar-18	21-Mar-18	12																										
2221	TRIAL RUNNING	79	30-Jan-18	23-May-18	0																										
2222	Pre-Trial Running - Full mainline	60	30-Jan-18	25-Apr-18	0																										
2223	Trial Running	19	26-Apr-18	23-May-18	0																										
2224	Project Completion	0		23-May-18	0																										
TASK filters: Filter Activities Completed More Than A Month Ago, HD.						Page 62 of 62						Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work														Date		Revision	Checked	Approved	
																										21-Jul-15		Rev.2.2	OLRT	RIO	
																										21-Apr-16		Rev.2.3	OLRT		
Data Date: 21-Nov-16																										21-Nov-16		Rev.3.0	OLRT		

		OLRT Constructors/Constructeurs - Confederation Line Project														OLRT PROJECT SCHEDULE REV 3 - Nov 2016																		
Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path																19-Dec-16																		
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018																
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1	OLRT PROJECT SCHEDULE REV 3 - Nov 2016					755	21-May-15 A 23-May-18 0																											
2	CONSTRUCTION					490	08-Jun-16 A 22-May-18 1																											
3	CIVIC WORKS					275	18-Apr-17 22-May-18 1																											
4	QUEEN ST RENEWAL					275	18-Apr-17 22-May-18 1																											
5	2017 Works					149	18-Apr-17 17-Nov-17 1																											
6	Phase 2A - Bay to Kent - South Side - Including 1 Intersection					43	18-Apr-17 16-Jun-17 1																											
7	Phase 2B - Mid Block O'Connor to- South Side - Including 1 Intersection					72	29-May-17 08-Sep-17 1																											
8	Phase 2B - Bank to Metcalfe - North Side					49	11-Sep-17 17-Nov-17 1																											
9	Queen St Renewal - 2017 Works Complete					0	17-Nov-17 1																											
10	2018 Works					23	19-Apr-18 22-May-18 1																											
11	Phase 2A and 2B					23	19-Apr-18 22-May-18 1																											
12	Queen St Renewal Complete					0	22-May-18 1																											
13	MSE & MSE CONNECTION TRACK CONSTRUCTION					39	01-Dec-17 29-Jan-18 0																											
14	MSE DEFERRED ITEMS & CONVERSION TO MAINTANANCE F					39	01-Dec-17 29-Jan-18 0																											
15	ALSTOM Demobilisation					20	01-Dec-17 02-Jan-18 12																											
16	Group 2 Disassembly (DT2)					10	01-Dec-17 14-Dec-17 12																											
17	Group 7 Disassembly (DT2)					10	15-Dec-17 02-Jan-18 12																											
18	Other - Contingent or peripheral work or not required					25	21-Dec-17 29-Jan-18 0																											
19	Testing & Commissioning Facility Systems					25	21-Dec-17 29-Jan-18 0																											
20	GUIDEWAY CONSTRUCTION					140	10-Oct-16 A 21-Jun-17 12																											
21	SEGMENT 1 (98+065 - 100+315)					251	10-Oct-16 A 20-Jun-17 0																											
22	STRUCTURES					204	10-Oct-16 A 12-Apr-17 6																											
23	CPR Overpass					204	10-Oct-16 A 12-Apr-17 6																											
24	Super Structure - Lower Deck					30	10-Oct-16 A 30-Nov-16 6																											
25	Super Structure - Parapet Walls					30	14-Nov-16 A 08-Dec-16 6																											
26	RSS Walls West					30	07-Nov-16 A 12-Dec-16 6																											
27	RSS Walls East					30	21-Nov-16 A 19-Dec-16 6																											
28	Super Structure - North Platform (Form Platform)					30	17-Oct-16 A 23-Dec-16 6																											
29	Super Structure - South Platform (Form Platform)					30	17-Oct-16 A 23-Dec-16 6																											
30	Super Structure - Deck End West					11	09-Dec-16 23-Dec-16 6																											
31	Super Structure - Deck End East (Form & Rebar)					5	19-Dec-16 23-Dec-16 6																											
32	Winter Shutdown					43	28-Dec-16 28-Feb-17 6																											
33	Super Structure - Deck End East (Remaining Works)					17	01-Mar-17 23-Mar-17 6																											
34	Transition West					19	01-Mar-17 27-Mar-17 6																											
35	Super Structure - North Platform (Remaining Works)					31	01-Mar-17 12-Apr-17 6																											
36	Super Structure - South Platform (Remaining Works)					31	01-Mar-17 12-Apr-17 6																											
37	Transition East					12	28-Mar-17 12-Apr-17 6																											
38	CPR Overpass Completion					0	12-Apr-17 6																											
39	GUIDEWAY					36	01-May-17 20-Jun-17 0																											
40	Pimisi Station to West Portal					36	01-May-17 20-Jun-17 0																											
41	MSE Walls Phase 2					10	01-May-17* 12-May-17 0																											

TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 1 of 29

Remaining LOE

Actual LOE

Remaining Work

Actual Work

Milestone

Critical Work

Date

21-Jul-15

21-Apr-16

21-Nov-16

Revision

Rev.2.2

Rev.2.3

Rev.3.0

Checked

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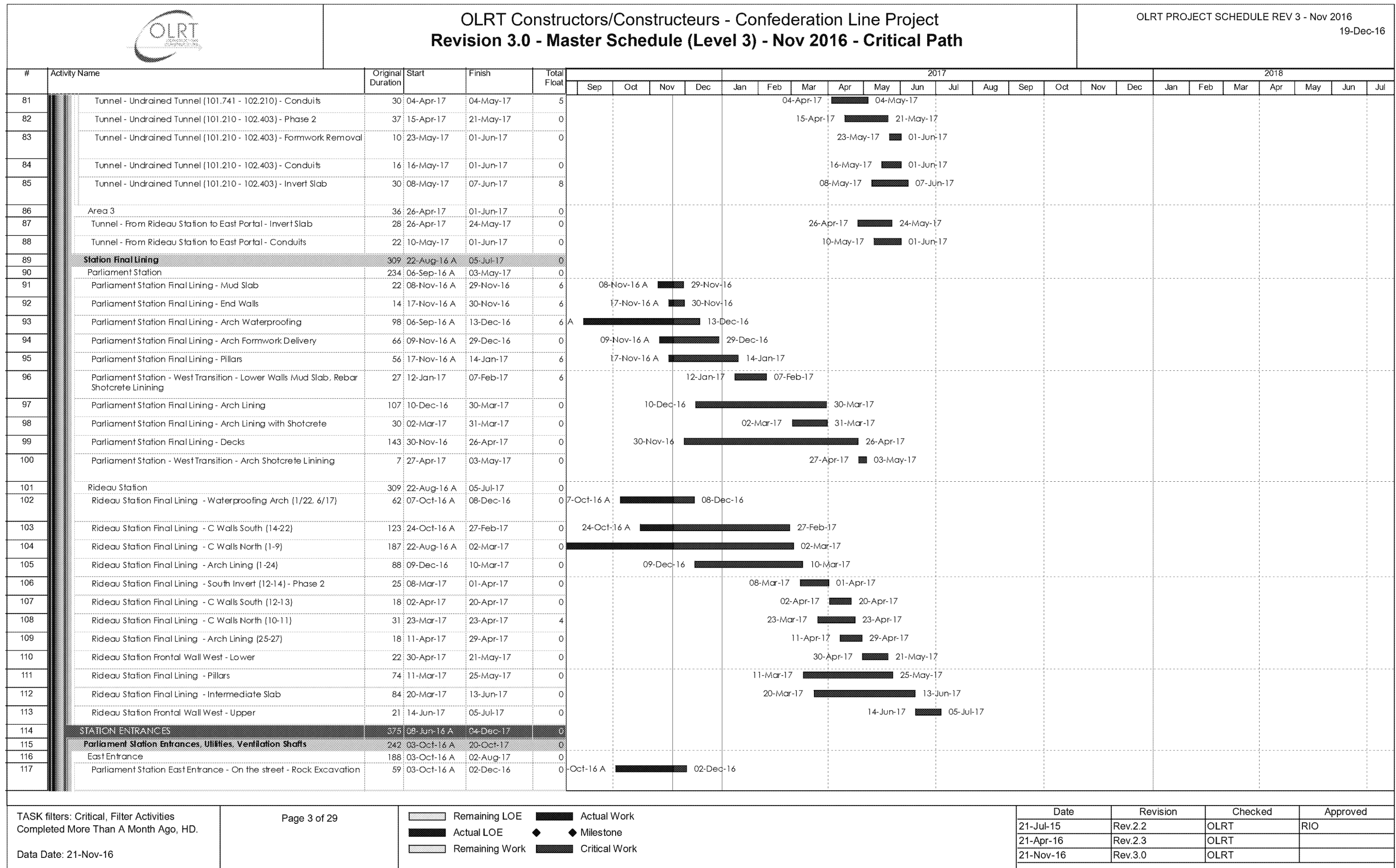
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		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path														OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16													
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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
42	TPSS #2 Construct TPSS pad foundation	36	01-May-17	20-Jun-17	0									01-May-17															
43	TPSS #2 Civil Works Complete (Including Ductbanks)	0		20-Jun-17	0																								
44	SEGMENT 2 (100+290 - 103+520)	448	08-Jun-16 A	21-Mar-18	12																								
45	EXCAVATION	113	11-Nov-16 A	07-Mar-17	0																								
46	AREA 3 - From East Portal to West of Rideau Station - Excavation	113	11-Nov-16 A	07-Mar-17	0																								
47	From Rideau Station to Parliament Station	113	11-Nov-16 A	07-Mar-17	0																								
48	Jet Grout	27	11-Nov-16 A	07-Dec-16	0																								
49	Compaction Grouting	12	11-Nov-16 A	22-Nov-16	7			11-Nov-16 A																					
50	Jet grouting, Bulkhead (5m)	17	21-Nov-16	07-Dec-16	0			21-Nov-16																					
51	New Excavation Plan	105	19-Nov-16 A	07-Mar-17	0																								
52	Remove ramp+LG+Pit	5	19-Nov-16 A	23-Nov-16	0			19-Nov-16 A																					
53	Soft ground bench excavation 102+403 to 102+397	3	24-Nov-16	26-Nov-16	0			24-Nov-16																					
54	Soft ground bench excavation 102+397 to 102+390	4	27-Nov-16	30-Nov-16	0			27-Nov-16																					
55	Soft ground bench excavation 102+390 to 102+380	7	01-Dec-16	07-Dec-16	0			01-Dec-16																					
56	Umbrella 102+368 to 102+350 18 m	9	30-Nov-16	08-Dec-16	0			30-Nov-16																					
57	Soft ground excavation 102+368 to 102+348 20m	20	09-Dec-16	30-Dec-16	0			09-Dec-16																					
58	Soft ground bench excavation 102+380 to 102+374	9	31-Dec-16	09-Jan-17	0				31-Dec-16																				
59	Soft ground bench excavation 102+374 to 102+356	9	10-Jan-17	18-Jan-17	0				10-Jan-17																				
60	Soft ground bench excavation 102+356 to 102+348	7	19-Jan-17	25-Jan-17	0				19-Jan-17																				
61	Remove mud and equipment	15	26-Jan-17	09-Feb-17	0				26-Jan-17																				
62	Rock bench excavation, Phase 2 102+272 to 102+348.5	15	10-Feb-17	25-Feb-17	0				10-Feb-17																				
63	Remove ramp and Roadheader to the surface	10	26-Feb-17	07-Mar-17	0				26-Feb-17																				
64	FINAL LINING	219	22-Aug-16 A	05-Jul-17	0																								
65	Tunnel Final Lining	192	01-Sep-16 A	07-Jun-17	6																								
66	Area 1	15	09-Jan-17	27-Jan-17	15																								
67	Tunnel - Conduits - From Lyon Station to Intermediate Shaft	15	09-Jan-17	27-Jan-17	15				09-Jan-17																				
68	Area 2	192	01-Sep-16 A	07-Jun-17	6																								
69	Tunnel 101 (Intermediate Shaft to Parliament)	86	03-Jan-17	04-May-17	11																								
70	Tunnel - Intermediate Shaft Area Arch Lining (Phase 1)	24	03-Jan-17	03-Feb-17	0				03-Jan-17																				
71	Tunnel - Invert Slab - From Intermediate Shaft to Parliament Station	10	06-Feb-17	17-Feb-17	0				06-Feb-17																				
72	Tunnel - Conduits - From Intermediate Shaft to Parliament Station	10	21-Feb-17	06-Mar-17	0				21-Feb-17																				
73	Tunnel - Intermediate Shaft Area Arch Lining (Phase 2)	42	07-Mar-17	04-May-17	11				07-Mar-17																				
74	Tunnel 102 (Parliament to Rideau)	272	01-Sep-16 A	07-Jun-17	8																								
75	Tunnel - First 30m of Drained Tunnel (101.741 - 101.769)	36	26-Oct-16 A	30-Nov-16	0			26-Oct-16 A																					
76	Tunnel - Shotcrete on Invert & Waterproofing & Mud Slab (101.831 - 102.210)	97	01-Sep-16 A	08-Dec-16	14																								
77	Tunnel - First 91m of Drained Tunnel (101.769 - 101.860)	48	01-Dec-16	20-Jan-17	0			01-Dec-16																					
78	Tunnel - Undrained Tunnel (101.860 - 102.210) - Phase 1	92	23-Dec-16	28-Mar-17	0			23-Dec-16																					
79	Tunnel - Shotcrete on Invert & Waterproofing & Mud Slab (101.210 - 102.403)	35	10-Mar-17	13-Apr-17	0					10-Mar-17																			
80	Tunnel - Undrained Tunnel (101.741 - 102.210) - Invert Slab	34	17-Mar-17	20-Apr-17	0					17-Mar-17																			
TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.		Page 2 of 29		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work														Date		Revision		Checked		Approved					
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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
118	Parliament Station East Entrance - Structural Works - Moreguard	59	03-Oct-16 A	16-Dec-16	3	Oct-16 A				16-Dec-16																	
119	Parliament Station East Entrance - On the street - Structural - Mud Slab, Waterproofing	13	05-Dec-16	21-Dec-16	0			05-Dec-16		21-Dec-16																	
120	Parliament Station East Entrance - On the street - Structural - Stairs/Escalator/Pit Slab on Grade	5	22-Dec-16	30-Dec-16	0			22-Dec-16		30-Dec-16																	
121	Parliament Station East Entrance - On the street - Structural - Stair/Escalator Lower Pit Walls	7	03-Jan-17	11-Jan-17	0				03-Jan-17		11-Jan-17																
122	Parliament Station East Entrance - On the street - Structural - Lower Stair/Escalator Ramp	17	12-Jan-17	03-Feb-17	0				12-Jan-17			03-Feb-17															
123	Parliament Station East Entrance - On the street - Structural - Upper Stair/Escalator Ramp	17	02-Feb-17	27-Feb-17	0				02-Feb-17			27-Feb-17															
124	Parliament Station East Entrance - On the street - Structural - Upper Escalator Pit Slab	8	28-Feb-17	09-Mar-17	0					28-Feb-17		09-Mar-17															
125	Parliament Station East Entrance - On the street - Structural - Retail Concourse Stair Slab Stg1	22	10-Mar-17	10-Apr-17	0					10-Mar-17			10-Apr-17														
126	Parliament Station East Entrance - On the street - Structural - Retail Concourse Stair Slab Stg2	21	27-Mar-17	25-Apr-17	0					27-Mar-17			25-Apr-17														
127	Parliament Station East Entrance - On the street - Structural - Fish mouth Roof Stair/Escalator	25	19-Apr-17	24-May-17	0						19-Apr-17			24-May-17													
128	Parliament Station East Entrance - On the street - Structural - All Remaining Walls East, North, South and West	27	26-Apr-17	02-Jun-17	0						26-Apr-17			02-Jun-17													
129	Parliament Station East Entrance - On the street - Structural - Escalator/Stair Roof + Vent Shaft Opening	27	02-May-17	08-Jun-17	0						02-May-17			08-Jun-17													
130	Parliament Station East Entrance - On the street - Structural - Vent Shaft coping	16	09-Jun-17	30-Jun-17	0							09-Jun-17			30-Jun-17												
131	Parliament Station East Entrance - On the street - Structural - Roof Slab Pour 1	16	26-Jun-17	18-Jul-17	0								26-Jun-17			18-Jul-17											
132	Parliament Station East Entrance - On the street - Structural - Roof Slab Pour 2	22	04-Jul-17	02-Aug-17	0								04-Jul-17			02-Aug-17											
133	Mid Entrance	113	27-Apr-17	06-Oct-17	0																						
134	Parliament Station - Mid Entrance - Remaining Soft & Rock Excavation Tunnel Breakthrough	34	27-Apr-17	31-May-17	0						27-Apr-17			31-May-17													
135	Parliament Station - Mid Entrance - Waterproofing	11	01-Jun-17	15-Jun-17	0								01-Jun-17			15-Jun-17											
136	Parliament Station - Mid Entrance - Structural Works - Lower Walls	11	16-Jun-17	30-Jun-17	0								16-Jun-17			30-Jun-17											
137	Parliament Station - Mid Entrance - Structural Works - Mid Level Slab	9	04-Jul-17	14-Jul-17	0								04-Jul-17			14-Jul-17											
138	Parliament Station - Mid Entrance - Structural Works - Upper Walls	13	17-Jul-17	02-Aug-17	0								17-Jul-17			02-Aug-17											
139	Parliament Station - Mid Entrance - Structural Works - Upper Level Slab	9	03-Aug-17	16-Aug-17	0									03-Aug-17			16-Aug-17										
140	Parliament Station - Mid Entrance - Structural Works - Grade Level Walls	12	17-Aug-17	01-Sep-17	0									17-Aug-17			01-Sep-17										
141	Parliament Station - Mid Entrance - Structural Works - Roof Slab	24	05-Sep-17	06-Oct-17	0										05-Sep-17			06-Oct-17									
142	West Entrance - On the Street	161	02-Mar-17	20-Oct-17	0																						
143	Parliament Station - West Entrance - On the Street - Remaining Soft & Rock Excavation Tunnel Breakthrough	45	02-Mar-17	16-Apr-17	0					02-Mar-17			16-Apr-17														
144	Parliament Station - West Entrance - On the Street - Mud Slab & Waterproofing	13	17-Apr-17	03-May-17	0						17-Apr-17			03-May-17													

TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.		Page 4 of 29		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work										Date		Revision	Checked	Approved
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OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

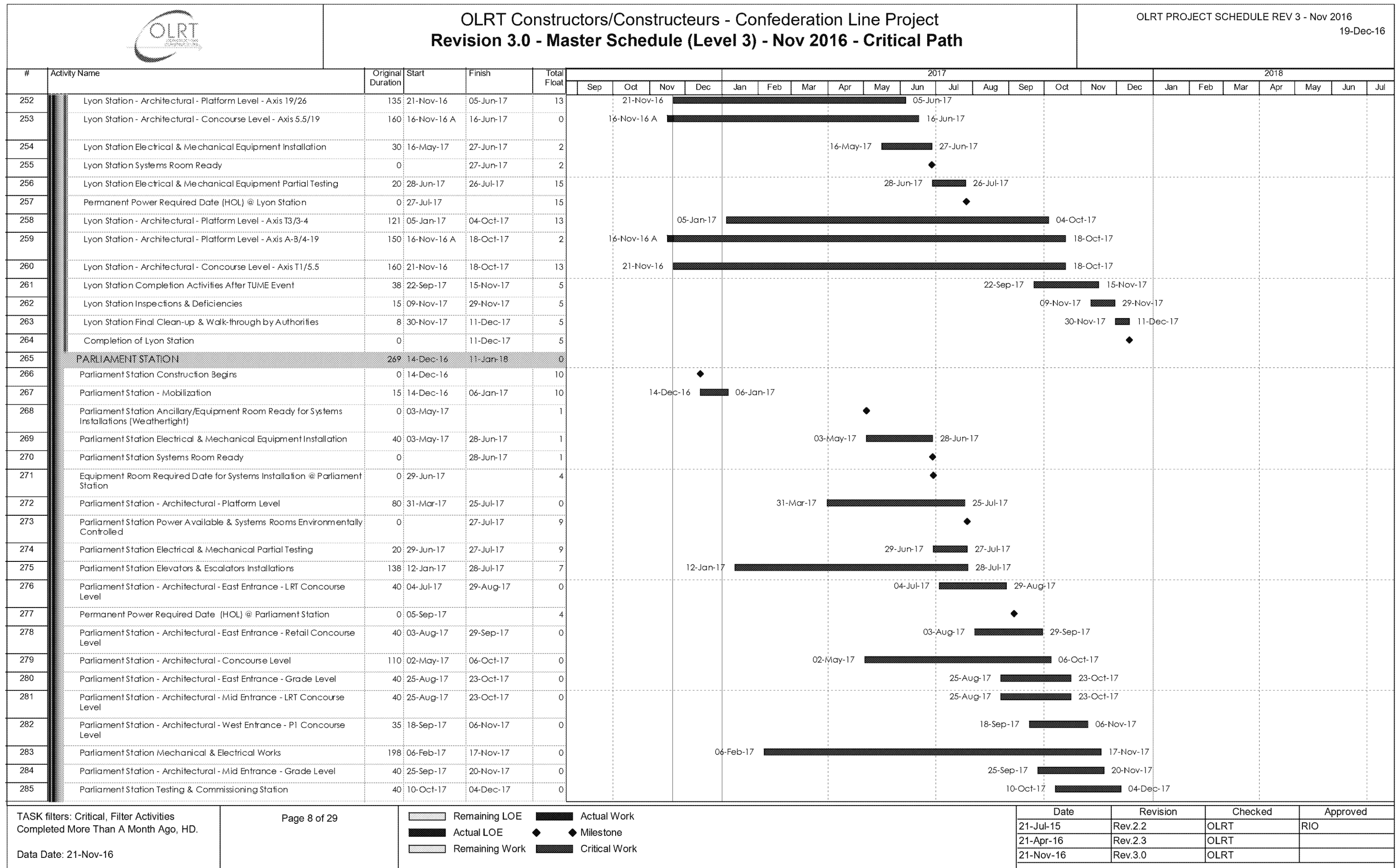
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			21-Nov-16	Rev.3.0	OLRT	

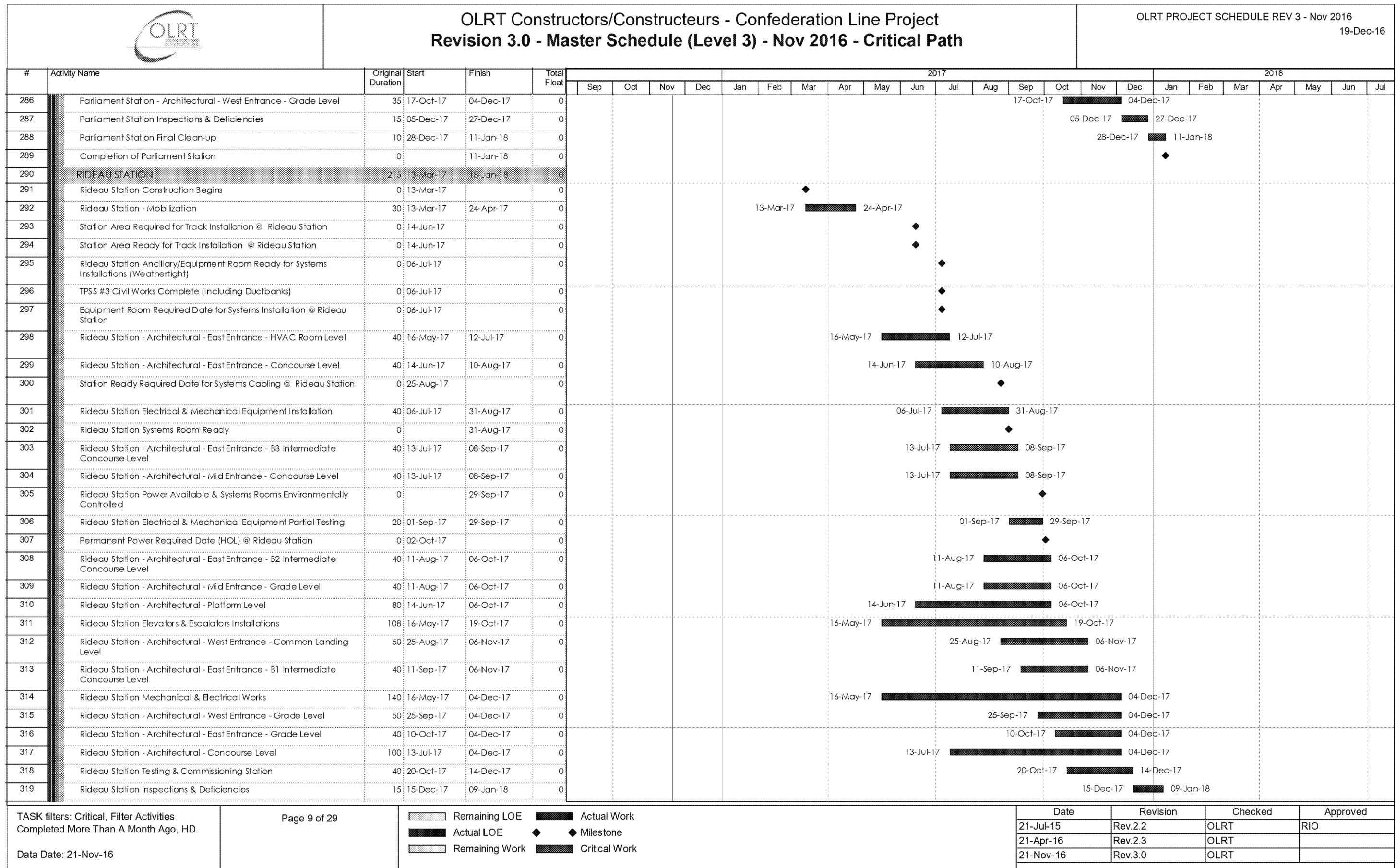
OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

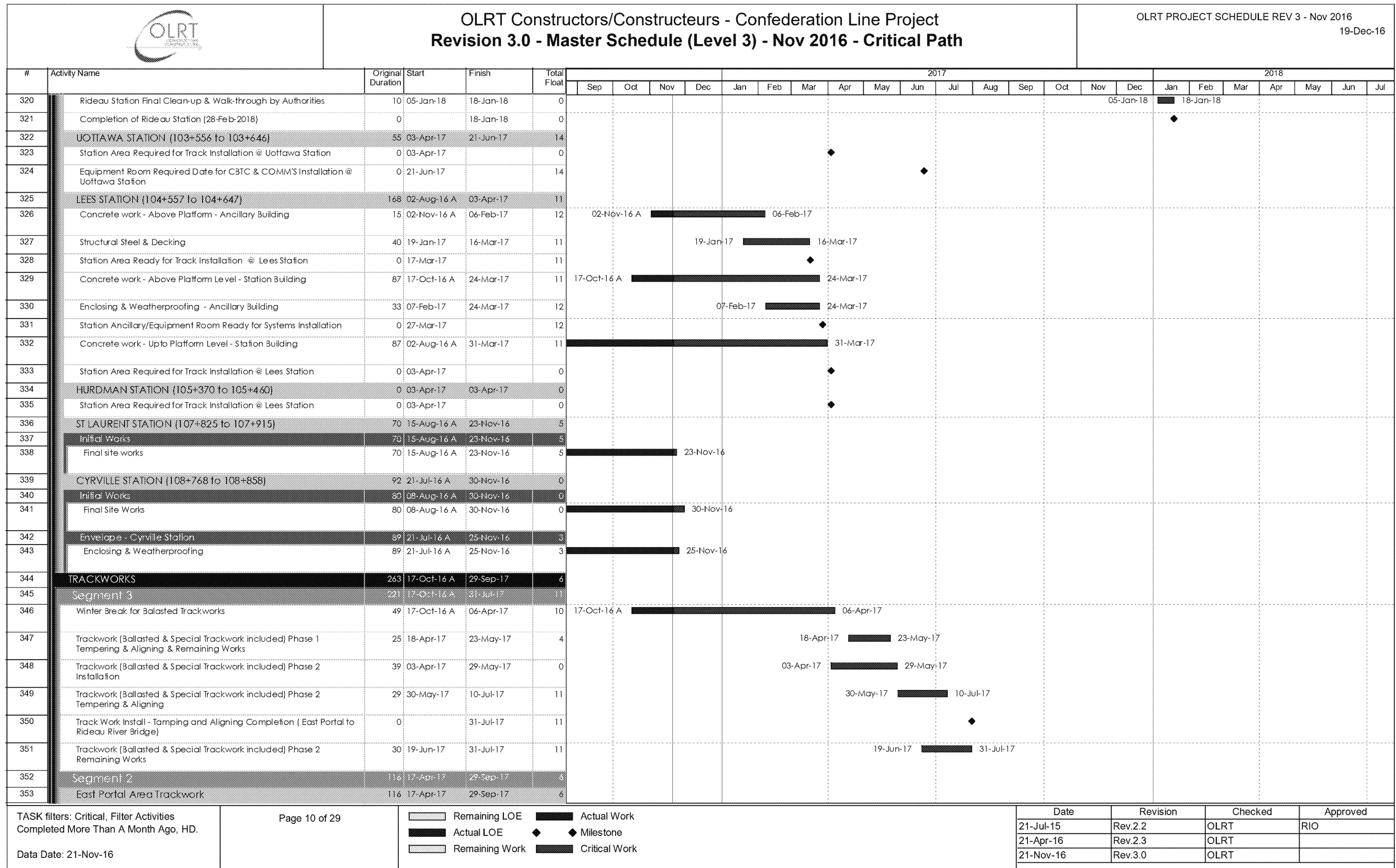
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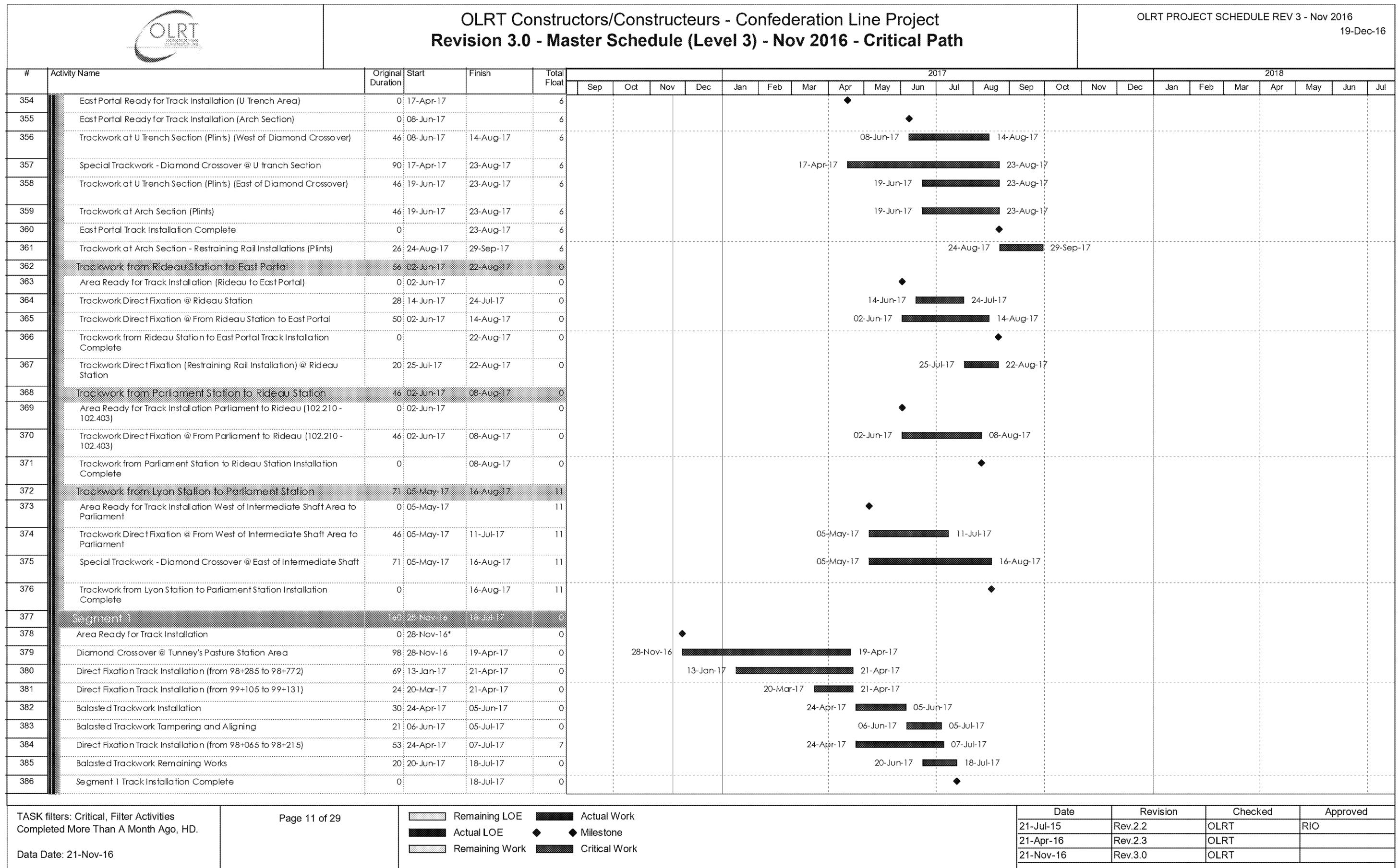
OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

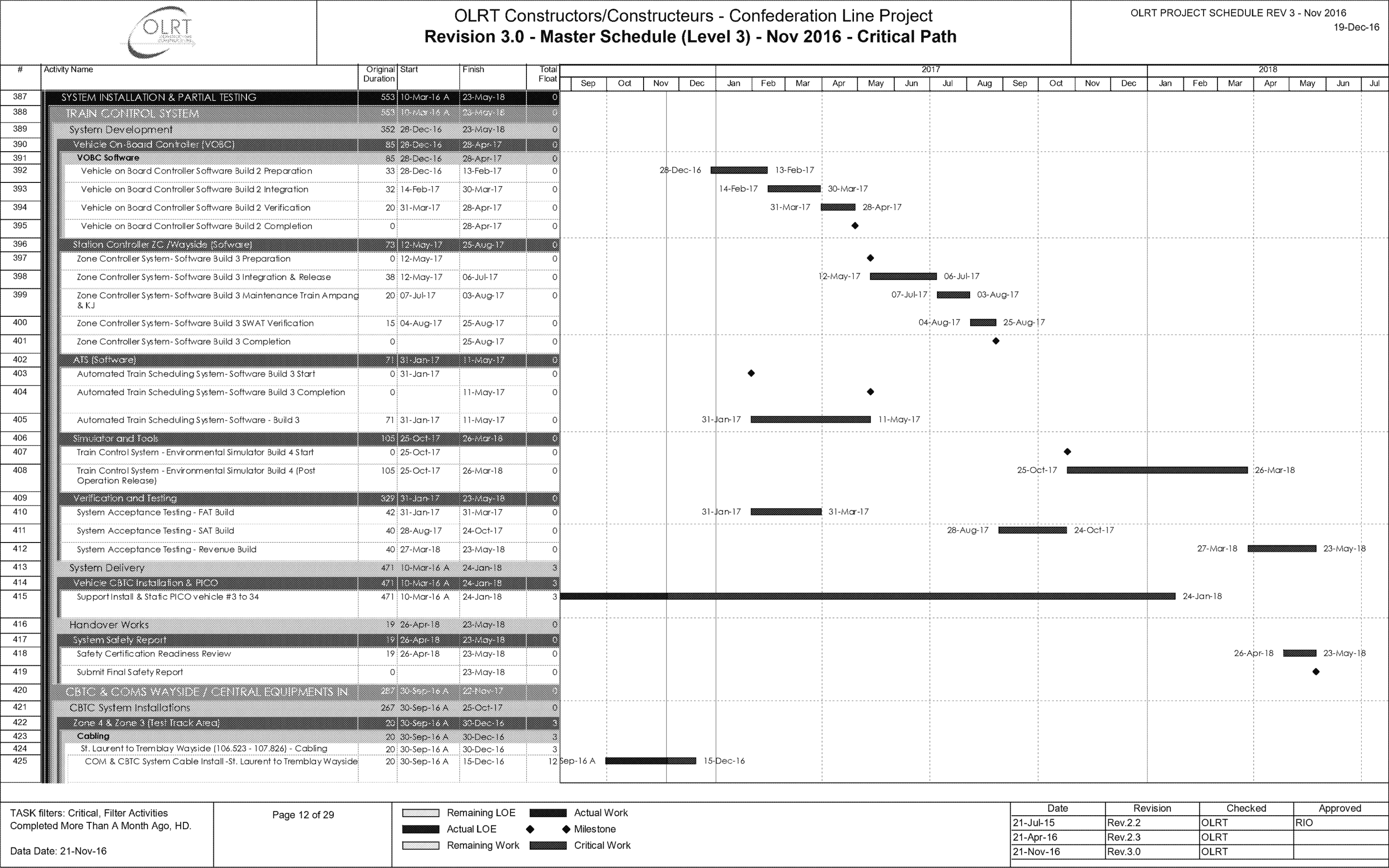
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OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

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464	PICO Final Reports @ Signals	10	30-Jun-17	14-Jul-17	4										30-Jun-17	14-Jul-17												
465	Zone 3 - TAGS	60	18-Apr-17	12-Jul-17	6																							
466	Survey	5	18-Apr-17	24-Apr-17	11								18-Apr-17	24-Apr-17														
467	Submission	1	25-Apr-17	25-Apr-17	11								25-Apr-17	25-Apr-17														
468	Thales Review	10	26-Apr-17	09-May-17	11								26-Apr-17	09-May-17														
469	Re-survey	4	10-May-17	15-May-17	11								10-May-17	15-May-17														
470	Install Tags	20	24-May-17	20-Jun-17	6								24-May-17	20-Jun-17														
471	Scan/PICO Tags	5	21-Jun-17	27-Jun-17	6								21-Jun-17	27-Jun-17														
472	PICO Final Reports @ Tags	10	28-Jun-17	12-Jul-17	6								28-Jun-17	12-Jul-17														
473	Zone 2	147	27-Mar-17	25-Oct-17	0																							
474	Cabling	140	27-Mar-17	16-Oct-17	7																							
475	Lees to Hurdman Wayside (to Rideau River B. ; 104.647 - 104.975) - C	30	27-Mar-17	08-May-17	12																							
476	COM & CBTC Cable Install - Lees to Hurdman Wayside	30	27-Mar-17	08-May-17	12								27-Mar-17	08-May-17														
477	uOttawa to Lees Wayside (103.639 - 104.557) - Cabling	30	09-May-17	20-Jun-17	12																							
478	COM & CBTC Cable Install - uOttawa to Lees Wayside	30	09-May-17	20-Jun-17	12								09-May-17	20-Jun-17														
479	Rideau to uOttawa Wayside (102.610 - 103.549) - Cabling	30	01-Sep-17	16-Oct-17	7																							
480	COM & CBTC Cable Install - Rideau to uOttawa Wayside	30	01-Sep-17	16-Oct-17	7												01-Sep-17	16-Oct-17										
481	Parliament to Rideau Wayside (101.742 - 102.399) - Cabling	30	01-Sep-17	16-Oct-17	7												01-Sep-17	16-Oct-17										
482	COM & CBTC Cable Install - Parliament to Rideau Wayside	30	01-Sep-17	16-Oct-17	7												01-Sep-17	16-Oct-17										
483	Lyon to Parliament Wayside (101.236 - 101.522) - Cabling	30	29-Jun-17	11-Aug-17	1												29-Jun-17	11-Aug-17										
484	COM & CBTC Cable Install - Lyon to Parliament Wayside	30	29-Jun-17	11-Aug-17	1												29-Jun-17	11-Aug-17										
485	Pimisi to Lyon Wayside (100.235 - 101.011) - Cabling	30	28-Jun-17	10-Aug-17	7												28-Jun-17	10-Aug-17										
486	COM & CBTC Cable Install - Pimisi to Lyon Wayside	30	28-Jun-17	10-Aug-17	7												28-Jun-17	10-Aug-17										
487	Central Equipment Installation	86	21-Jun-17	24-Oct-17	1																							
488	uOttawa Station	73	21-Jun-17	04-Oct-17	14																							
489	CBTC & COMMS ROOM	73	21-Jun-17	04-Oct-17	14																							
490	Equipment Room Required Date for CBTC & COMMS Installation @ Uottawa Station	0	21-Jun-17		14																							
491	Cable Tray Installation @ Uottawa Station	15	28-Jun-17	19-Jul-17	14												28-Jun-17	19-Jul-17										
492	Install CTF's @ Uottawa Station	7	20-Jul-17	28-Jul-17	14												20-Jul-17	28-Jul-17										
493	Install FODF's @ Uottawa Station	9	20-Jul-17	01-Aug-17	14												20-Jul-17	01-Aug-17										
494	Terminate Copper @ Uottawa Station	4	31-Jul-17	03-Aug-17	14												31-Jul-17	03-Aug-17										
495	Terminate Fibre @ Uottawa Station	5	02-Aug-17	09-Aug-17	14												02-Aug-17	09-Aug-17										
496	Rack Installations @ Uottawa Station	5	04-Aug-17	11-Aug-17	14												04-Aug-17	11-Aug-17										
497	In Room Wiring @ Uottawa Station	15	14-Aug-17	01-Sep-17	14												14-Aug-17	01-Sep-17										
498	Work Station Install @ Uottawa Station	2	05-Sep-17	06-Sep-17	14												05-Sep-17	06-Sep-17										
499	PICO CBTC & COMMS @ Uottawa Station	10	07-Sep-17	20-Sep-17	14												07-Sep-17	20-Sep-17										
500	PICO Final Reports CBTC @ Uottawa Station	10	21-Sep-17	04-Oct-17	14												21-Sep-17	04-Oct-17										
501	Rideau Station	35	05-Sep-17	24-Oct-17	1																							
502	Equipment Room Required Date for CBTC & COMMS Installation @ Rideau Station	0	05-Sep-17		1																							
503	Install FODR's @ Rideau Station	5	12-Sep-17	18-Sep-17	1												12-Sep-17	18-Sep-17										
504	Terminate Fibre @ Rideau Station	10	19-Sep-17	02-Oct-17	1												19-Sep-17	02-Oct-17										
TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.		Page 14 of 29		 Remaining LOE  Actual Work  Actual LOE  Milestone  Remaining Work  Critical Work												Date		Revision		Checked		Approved						
Data Date: 21-Nov-16														21-Jul-15		Rev.2.2		OLRT		RIO								
														21-Apr-16		Rev.2.3		OLRT										
														21-Nov-16		Rev.3.0		OLRT										

		OLRT Constructors/Constructeurs - Confederation Line Project														OLRT PROJECT SCHEDULE REV 3 - Nov 2016													
Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path																19-Dec-16													
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
505	PICO CBTC & COMMS @ Rideau Station	5	03-Oct-17	10-Oct-17	1												03-Oct-17	10-Oct-17											
506	PICO Final Reports CBTC @ Rideau Station	10	11-Oct-17	24-Oct-17	1												11-Oct-17	24-Oct-17											
507	Parliament Station	50	04-Aug-17	17-Oct-17	6																								
508	Equipment Room Required Date for CBTC & COMM'S Installation @ Parliament Station	0	04-Aug-17		1												◆												
509	Install FODR's @ Parliament Station	5	14-Aug-17	18-Aug-17	1												14-Aug-17	18-Aug-17											
510	Terminate Fibre @ Parliament Station	10	21-Aug-17	01-Sep-17	1												21-Aug-17	01-Sep-17											
511	PICO CBTC & COMMS @ Parliament Station	5	05-Sep-17	11-Sep-17	1												05-Sep-17	11-Sep-17											
512	PICO Final Reports CBTC @ Parliament Station	25	12-Sep-17	17-Oct-17	6												12-Sep-17	17-Oct-17											
513	Lyon Station	50	03-Aug-17	16-Oct-17	7																								
514	Equipment Room Required Date for CBTC & COMM'S Installation @ Lyon Station	0	03-Aug-17		7												◆												
515	Install FODR's @ Lyon Station	5	11-Aug-17	17-Aug-17	7												11-Aug-17	17-Aug-17											
516	Terminate Fibre @ Lyon Station	10	18-Aug-17	31-Aug-17	7												18-Aug-17	31-Aug-17											
517	PICO CBTC & COMMS @ Lyon Station	5	01-Sep-17	08-Sep-17	7												01-Sep-17	08-Sep-17											
518	PICO Final Reports CBTC @ Lyon Station	25	11-Sep-17	16-Oct-17	7												11-Sep-17	16-Oct-17											
519	Wayside Equipment Installation	73	12-Jul-17	25-Oct-17	0																								
520	Zone 2 - WRU/FPSE	59	12-Jul-17	04-Oct-17	14																								
521	Cable Pull to Location	10	12-Jul-17	25-Jul-17	0											12-Jul-17	25-Jul-17												
522	WRU/FPSE Install (OCS Poles)	15	26-Jul-17	16-Aug-17	14											26-Jul-17	16-Aug-17												
523	Field Cable Terminations & Track Side Ground	7	17-Aug-17	25-Aug-17	14												17-Aug-17	25-Aug-17											
524	WRU/FPSE PICO	12	28-Aug-17	13-Sep-17	14												28-Aug-17	13-Sep-17											
525	PICO Final Reports @ WRU/FPSE	15	14-Sep-17	04-Oct-17	14												14-Sep-17	04-Oct-17											
526	Zone 2 - AP Antennas	63	26-Jul-17	25-Oct-17	0																								
527	Cable Pull to Location	10	26-Jul-17	09-Aug-17	0											26-Jul-17	09-Aug-17												
528	Antenna Install (OCS Pole)	20	01-Aug-17	29-Aug-17	0											01-Aug-17	29-Aug-17												
529	Field Cable Terminations & Track Side Ground	17	30-Aug-17	22-Sep-17	0												30-Aug-17	22-Sep-17											
530	Antenna PICO	12	25-Sep-17	11-Oct-17	0												25-Sep-17	11-Oct-17											
531	PICO Final Reports @ AP Antennas	10	12-Oct-17	25-Oct-17	0												12-Oct-17	25-Oct-17											
532	Zone 2 - Point Machine	32	24-Aug-17	10-Oct-17	11																								
533	SWM JB Installation	5	24-Aug-17	30-Aug-17	11												24-Aug-17	30-Aug-17											
534	Cable Pull to Location	5	31-Aug-17	07-Sep-17	11												31-Aug-17	07-Sep-17											
535	Field Cable Terminations & Track Side Ground	7	08-Sep-17	18-Sep-17	11												08-Sep-17	18-Sep-17											
536	PICO	5	19-Sep-17	25-Sep-17	11												19-Sep-17	25-Sep-17											
537	PICO Final Reports @ Point Machines	10	26-Sep-17	10-Oct-17	11												26-Sep-17	10-Oct-17											
538	Zone 2 - Signals	37	24-Aug-17	17-Oct-17	6																								
539	Mast/Base Install	3	24-Aug-17	28-Aug-17	6												24-Aug-17	28-Aug-17											
540	Signal Install	3	29-Aug-17	31-Aug-17	6												29-Aug-17	31-Aug-17											
541	Cable Pull to Location	8	01-Sep-17	13-Sep-17	6												01-Sep-17	13-Sep-17											
542	Field Cable Terminations & Track Side Ground	8	14-Sep-17	25-Sep-17	6												14-Sep-17	25-Sep-17											
543	PICO Signals	5	26-Sep-17	02-Oct-17	6												26-Sep-17	02-Oct-17											
TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.		Page 15 of 29		Remaining LOE Actual Work Actual LOE ◆ Milestone Remaining Work Critical Work												Date		Revision	Checked	Approved									
Data Date: 21-Nov-16																21-Jul-15		Rev.2.2	OLRT	RIO									
																21-Apr-16		Rev.2.3	OLRT										
																21-Nov-16		Rev.3.0	OLRT										

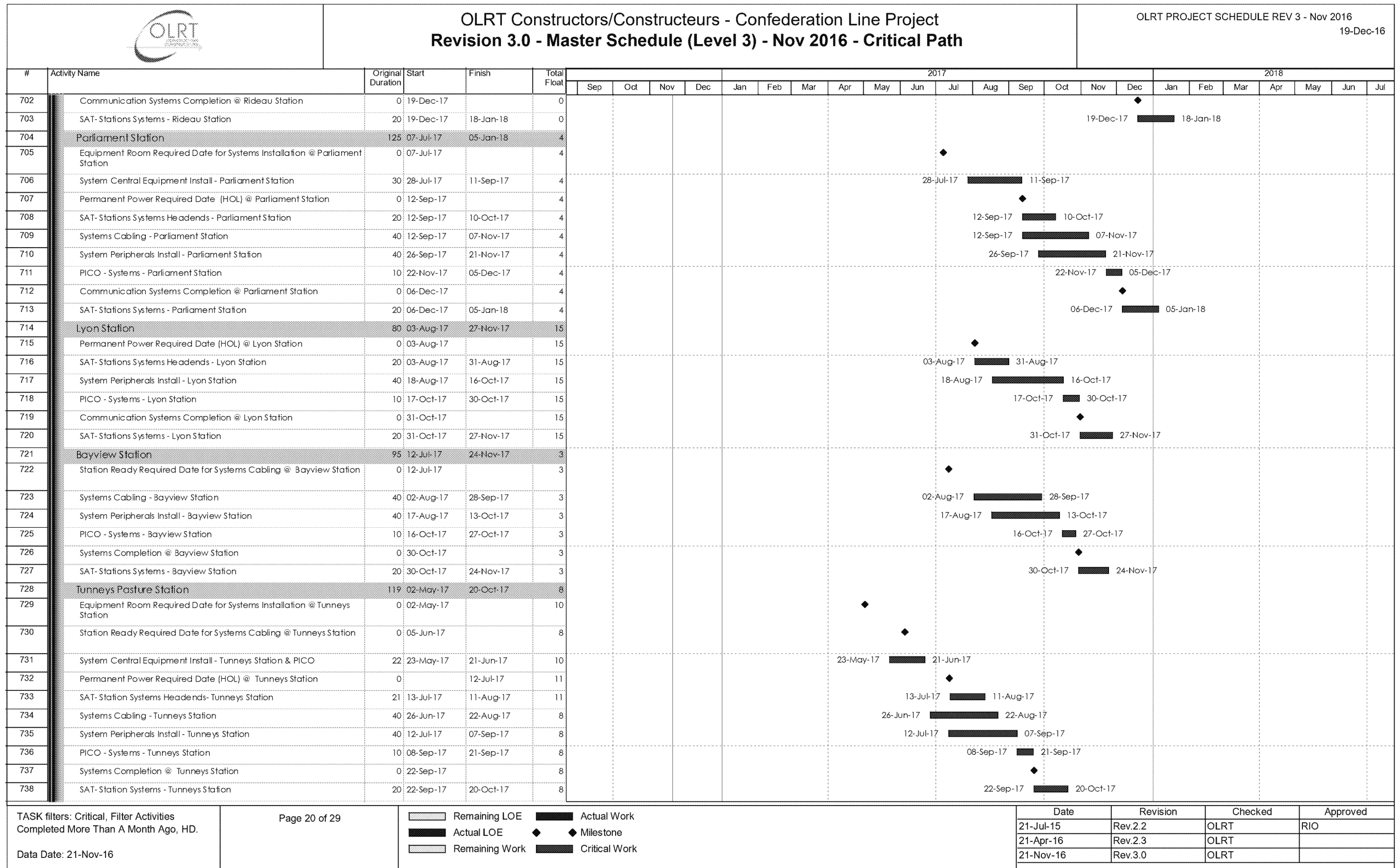
		OLRT Constructors/Constructeurs - Confederation Line Project														OLRT PROJECT SCHEDULE REV 3 - Nov 2016													
Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path																19-Dec-16													
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
544	PICO Final Reports @ Signals	10	03-Oct-17	17-Oct-17	6												03-Oct-17	17-Oct-17											
545	Zone 2 - TAGS	55	27-Jul-17	16-Oct-17	7																								
546	Survey	5	27-Jul-17	02-Aug-17	7												27-Jul-17	02-Aug-17											
547	Submission	1	03-Aug-17	03-Aug-17	7												03-Aug-17	03-Aug-17											
548	Thales Review	10	04-Aug-17	18-Aug-17	7												04-Aug-17	18-Aug-17											
549	Re-survey	4	21-Aug-17	24-Aug-17	7												21-Aug-17	24-Aug-17											
550	Install Tags	20	25-Aug-17	22-Sep-17	7												25-Aug-17	22-Sep-17											
551	Scan/PICO Tags	5	25-Sep-17	29-Sep-17	7												25-Sep-17	29-Sep-17											
552	PICO Final Reports @ Tags	10	02-Oct-17	16-Oct-17	7												02-Oct-17	16-Oct-17											
553	Zone 1	88	20-Jun-17	25-Oct-17	0																								
554	Cabling	34	20-Jun-17	08-Aug-17	10																								
555	Bayview to Pimisi Wayside [99.401 - 100.145] - Cabling	25	04-Jul-17	08-Aug-17	10																								
556	COM & CBTC Cable Install - Bayview to Pimisi Wayside	25	04-Jul-17	08-Aug-17	10												04-Jul-17	08-Aug-17											
557	Tunneys to Bayview Wayside [98.065 - 99.311]- Cabling	25	20-Jun-17	25-Jul-17	0																								
558	COM & CBTC Cable Install - Tunneys to Bayview Wayside	25	20-Jun-17	25-Jul-17	0												20-Jun-17	25-Jul-17											
559	Central Equipment Installation	63	26-Jul-17	25-Oct-17	0																								
560	Pimisi Station	49	01-Aug-17	11-Oct-17	10																								
561	Equipment Room Required Date for CBTC & COMMS Installation @ Pimisi Station	0	01-Aug-17		10																								
562	Install FODR's @ Pimisi Station	5	09-Aug-17	15-Aug-17	10												09-Aug-17	15-Aug-17											
563	Terminate Fibre @ Pimisi Station	10	16-Aug-17	29-Aug-17	10												16-Aug-17	29-Aug-17											
564	PICO CBTC & COMMS @ Pimisi Station	10	30-Aug-17	13-Sep-17	10												30-Aug-17	13-Sep-17											
565	PICO Final Reports CBTC @ Pimisi Station	19	14-Sep-17	11-Oct-17	10												14-Sep-17	11-Oct-17											
566	Bayview Station	44	09-Aug-17	11-Oct-17	10																								
567	Equipment Room Required Date for CBTC & COMMS Installation @ Bayview Station	0	09-Aug-17		10																								
568	Install FODR's @ Bayview Station	5	16-Aug-17	22-Aug-17	10												16-Aug-17	22-Aug-17											
569	Terminate Fibre @ Bayview Station	10	23-Aug-17	06-Sep-17	10												23-Aug-17	06-Sep-17											
570	PICO CBTC & COMMS @ Bayview Station	10	07-Sep-17	20-Sep-17	10												07-Sep-17	20-Sep-17											
571	PICO Final Reports CBTC @ Bayview Station	14	21-Sep-17	11-Oct-17	10												21-Sep-17	11-Oct-17											
572	Tunney's Pasture Station	63	26-Jul-17	25-Oct-17	0																								
573	POWER READINESS	25	26-Jul-17	30-Aug-17	6																								
574	Material Delivery UPS & Power Distribution Panel	0	26-Jul-17		6																								
575	UPS Installation	5	02-Aug-17	09-Aug-17	6												02-Aug-17	09-Aug-17											
576	UPS Distribution Pannels Installation	5	02-Aug-17	09-Aug-17	6												02-Aug-17	09-Aug-17											
577	UPS Power Distribution Cable Pulling & Termination	5	10-Aug-17	16-Aug-17	6												10-Aug-17	16-Aug-17											
578	PICO - UPS	10	17-Aug-17	30-Aug-17	6												17-Aug-17	30-Aug-17											
579	CBTC & COMMS ROOM	63	26-Jul-17	25-Oct-17	0																								
580	Equipment Room Required Date for CBTC & COMMS Installation @ Tunneys Station	0	26-Jul-17		0																								
581	Cable Tray Installation @ Tunneys Station	15	26-Jul-17	16-Aug-17	0												26-Jul-17	16-Aug-17											
582	Install CTF's @ Tunneys Station	7	17-Aug-17	25-Aug-17	0												17-Aug-17	25-Aug-17											
583	Install FODF's @ Tunneys Station	9	17-Aug-17	29-Aug-17	0												17-Aug-17	29-Aug-17											
TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.		Page 16 of 29		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work												Date		Revision	Checked	Approved									
Data Date: 21-Nov-16																21-Jul-15	Rev.2.2	OLRT	RIO										
																21-Apr-16	Rev.2.3	OLRT											
																21-Nov-16	Rev.3.0	OLRT											

		OLRT Constructors/Constructeurs - Confederation Line Project														OLRT PROJECT SCHEDULE REV 3 - Nov 2016													
Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path																19-Dec-16													
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
584	Terminate Copper @ Tunneys Station	4	28-Aug-17	31-Aug-17	0											28-Aug-17	■	31-Aug-17											
585	Terminate Fibre @ Tunneys Station	5	30-Aug-17	06-Sep-17	0											30-Aug-17	■	06-Sep-17											
586	Rack Installations @ Tunneys Station	5	01-Sep-17	08-Sep-17	0											01-Sep-17	■	08-Sep-17											
587	In Room Wiring @ Tunneys Station	15	11-Sep-17	29-Sep-17	0											11-Sep-17	■	29-Sep-17											
588	Work Station Install @ Tunneys Station	2	02-Oct-17	03-Oct-17	0											02-Oct-17	■	03-Oct-17											
589	PICO CBTC & COMMS @ Tunneys Station	10	04-Oct-17	18-Oct-17	0											04-Oct-17	■	18-Oct-17											
590	PICO Final Reports CBTC @ Tunneys Station	5	19-Oct-17	25-Oct-17	0											19-Oct-17	■	25-Oct-17											
591	Wayside Equipment Installation	68	19-Jul-17	25-Oct-17	0																								
592	Zone 1 - WRU/FPSE	54	02-Aug-17	19-Oct-17	4																								
593	Cable Pull to Location	10	02-Aug-17	16-Aug-17	0											02-Aug-17	■	16-Aug-17											
594	WRU/FPSE Install (OCS Poles)	15	17-Aug-17	07-Sep-17	4											17-Aug-17	■	07-Sep-17											
595	Field Cable Terminations & Track Side Ground	7	08-Sep-17	18-Sep-17	4											08-Sep-17	■	18-Sep-17											
596	WRU/FPSE PICO	12	19-Sep-17	04-Oct-17	4											19-Sep-17	■	04-Oct-17											
597	PICO Final Reports @ WRU/FPSE	10	05-Oct-17	19-Oct-17	4											05-Oct-17	■	19-Oct-17											
598	Zone 1 - AP Antennas	58	02-Aug-17	25-Oct-17	0																								
599	Cable Pull to Location	10	02-Aug-17	16-Aug-17	0											02-Aug-17	■	16-Aug-17											
600	Antenna Install (OCS Pole)	15	09-Aug-17	29-Aug-17	0											09-Aug-17	■	29-Aug-17											
601	Field Cable Terminations & Track Side Ground	17	30-Aug-17	22-Sep-17	0											30-Aug-17	■	22-Sep-17											
602	Antenna PICO	12	25-Sep-17	11-Oct-17	0											25-Sep-17	■	11-Oct-17											
603	PICO Final Reports @ AP Antennas	10	12-Oct-17	25-Oct-17	0											12-Oct-17	■	25-Oct-17											
604	Zone 1 - Point Machine	22	19-Jul-17	18-Aug-17	9																								
605	SWM JB Installation	5	19-Jul-17	25-Jul-17	9											19-Jul-17	■	25-Jul-17											
606	Cable Pull to Location	5	26-Jul-17	01-Aug-17	9											26-Jul-17	■	01-Aug-17											
607	Field Cable Terminations & Track Side Ground	7	02-Aug-17	11-Aug-17	9											02-Aug-17	■	11-Aug-17											
608	PICO	5	14-Aug-17	18-Aug-17	9											14-Aug-17	■	18-Aug-17											
609	Zone 1 - Signals	37	21-Aug-17	12-Oct-17	9																								
610	Mast/Base Install	3	21-Aug-17*	23-Aug-17	9											21-Aug-17*	■	23-Aug-17											
611	Signal Install	3	24-Aug-17	28-Aug-17	9											24-Aug-17	■	28-Aug-17											
612	Cable Pull to Location	8	29-Aug-17	08-Sep-17	9											29-Aug-17	■	08-Sep-17											
613	Field Cable Terminations & Track Side Ground	8	11-Sep-17	20-Sep-17	9											11-Sep-17	■	20-Sep-17											
614	PICO Signals	5	21-Sep-17	27-Sep-17	9											21-Sep-17	■	27-Sep-17											
615	PICO Final Reports @ Signals	10	28-Sep-17	12-Oct-17	9											28-Sep-17	■	12-Oct-17											
616	Zone 1 - TAGS	55	19-Jul-17	05-Oct-17	13																								
617	Survey	5	19-Jul-17	25-Jul-17	13											19-Jul-17	■	25-Jul-17											
618	Submission	1	26-Jul-17	26-Jul-17	13											26-Jul-17	■	26-Jul-17											
619	Thales Review	10	27-Jul-17	10-Aug-17	13											27-Jul-17	■	10-Aug-17											
620	Re-survey	4	11-Aug-17	16-Aug-17	13											11-Aug-17	■	16-Aug-17											
621	Install Tags	20	17-Aug-17	14-Sep-17	13											17-Aug-17	■	14-Sep-17											
622	Scan/PICO Tags	5	15-Sep-17	21-Sep-17	13											15-Sep-17	■	21-Sep-17											
623	PICO Final Reports @ Tags	10	22-Sep-17	05-Oct-17	13											22-Sep-17	■	05-Oct-17											
TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.		Page 17 of 29		Remaining LOE Actual Work Actual LOE ◆ Milestone Remaining Work Critical Work												Date		Revision		Checked		Approved							
Data Date: 21-Nov-16																21-Jul-15		Rev.2.2		OLRT		RIO							
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OLRT PROJECT SCHEDULE REV 3 - Nov 2016
19-Dec-16

Date	Revision	Checked	Approved
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21-Nov-16	Rev.3.0	OLRT	

		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path														OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16													
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
664	OCS Install - East Portal to uOttawa Wayside - Pole Installation	10	27-Jun-17	11-Jul-17	0										27-Jun-17	11-Jul-17													
665	PICO OCS - Rideau to uOttawa Wayside	5	10-Aug-17	16-Aug-17	11											10-Aug-17	16-Aug-17												
666	Parliament to Rideau Wayside (101.742 - 102.399)	37	08-Aug-17	28-Sep-17	2																								
667	OCS Install - Parliament to Rideau Rigid Rail Installation	25	08-Aug-17	12-Sep-17	0											08-Aug-17	12-Sep-17												
668	OCS Install - Parliament to Rideau Contact Wire & Tensioning	7	13-Sep-17	21-Sep-17	0												13-Sep-17	21-Sep-17											
669	PICO OCS - Parliament to Rideau Wayside	5	22-Sep-17	28-Sep-17	2												22-Sep-17	28-Sep-17											
670	Lyon to Parliament Wayside (101.236 - 101.522)	37	12-Jul-17	01-Sep-17	15																								
671	OCS Install - Lyon to Parliament Rigid Rail Installation	25	12-Jul-17	16-Aug-17	11											12-Jul-17	16-Aug-17												
672	OCS Install - Lyon to Parliament Contact Wire & Tensioning	7	17-Aug-17	25-Aug-17	11											17-Aug-17	25-Aug-17												
673	PICO OCS - Lyon to Parliament Wayside	5	28-Aug-17	01-Sep-17	15												28-Aug-17	01-Sep-17											
674	Pimisi to Lyon Wayside (100.235 - 101.011)	25	14-Jun-17	19-Jul-17	3																								
675	AG Section	25	14-Jun-17	19-Jul-17	3																								
676	OCS Install - Pimisi to Lyon Wayside - Pole Installation	10	14-Jun-17	27-Jun-17	3										14-Jun-17	27-Jun-17													
677	OCS Install - Pimisi to Lyon Wayside - Jewellery Installation	15	28-Jun-17	19-Jul-17	3										28-Jun-17	19-Jul-17													
678	Bayview to Pimisi Wayside (99.401 - 100.145)	42	28-Jun-17	28-Aug-17	13																								
679	OCS Install -Bayview to Pimisi Wayside - Pole Installation	10	28-Jun-17	12-Jul-17	4										28-Jun-17	12-Jul-17													
680	OCS Install -Bayview to Pimisi Wayside - Jewellery Installation	15	20-Jul-17	10-Aug-17	3										20-Jul-17	10-Aug-17													
681	OCS Install -Bayview to Pimisi Wayside - Contact Wire & Tensioning	7	11-Aug-17	21-Aug-17	11											11-Aug-17	21-Aug-17												
682	PICO OCS -Bayview to Pimisi Wayside	5	22-Aug-17	28-Aug-17	13											22-Aug-17	28-Aug-17												
683	Tunneys to Bayview Wayside (98.065 - 99.311)	43	19-Jul-17	19-Sep-17	3																								
684	OCS Install - Tunneys to Bayview Wayside - Pole Installation	10	19-Jul-17	01-Aug-17	0										19-Jul-17	01-Aug-17													
685	OCS Install - Tunneys to Bayview Wayside - Jewellery Installation	15	11-Aug-17	31-Aug-17	3											11-Aug-17	31-Aug-17												
686	OCS Install - Tunneys to Bayview Wayside - Contact Wire & Tensioning	7	01-Sep-17	12-Sep-17	3											01-Sep-17	12-Sep-17												
687	PICO OCS - Tunneys to Bayview Wayside	5	13-Sep-17	19-Sep-17	3												13-Sep-17	19-Sep-17											
688	OCS System Testing	52	17-Aug-17	31-Oct-17	0																								
689	SAT - OCS System @ Segment 3 - West of Rideau River Bridge	15	17-Aug-17	07-Sep-17	11											17-Aug-17	07-Sep-17												
690	SAT - OCS System @ Segment 1	15	02-Oct-17	23-Oct-17	0												02-Oct-17	23-Oct-17											
691	SAT - OCS System @ Segment 2	15	11-Oct-17	31-Oct-17	0												11-Oct-17	31-Oct-17											
692	STATIONS SYSTEMS INSTALLATIONS	150	02-May-17	18-Jan-18	0																								
693	Rideau Station	125	20-Jul-17	18-Jan-18	0																								
694	Equipment Room Required Date for Systems Installation @ Rideau Station	0	20-Jul-17		0											◆													
695	Station Ready Required Date for Systems Cabling @ Rideau Station	0	01-Sep-17		0												◆												
696	System Central Equipment Install - Rideau Station	30	11-Aug-17	22-Sep-17	0											11-Aug-17	22-Sep-17												
697	Permanent Power Required Date (HOL) @ Rideau Station	0	10-Oct-17		0												◆												
698	SAT- Stations Systems Headends - Rideau Station	20	10-Oct-17	06-Nov-17	0												10-Oct-17	06-Nov-17											
699	Systems Cabling - Rideau Station	40	25-Sep-17	20-Nov-17	0												25-Sep-17	20-Nov-17											
700	System Peripherals Install - Rideau Station	40	10-Oct-17	04-Dec-17	0												10-Oct-17	04-Dec-17											
701	PICO - Systems - Rideau Station	10	05-Dec-17	18-Dec-17	0													05-Dec-17	18-Dec-17										
TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.		Page 19 of 29		Remaining LOE Actual Work Actual LOE Milestone Remaining Work Critical Work												Date		Revision		Checked		Approved							
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		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path															OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16										
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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
739	VEHICLE MANUFACTURE & TESTING	347	10-Aug-16 A	09-Jan-18	3																						
740	INITIAL VEHICLE PRODUCTION & TESTING	203	02-Sep-16 A	23-Jun-17	14																						
741	Vehicle 1 (HOR)	20	19-May-17	16-Jun-17	8																						
742	Vehicle 1 Acceptance Test	20	19-May-17	16-Jun-17	8									19-May-17		16-Jun-17											
743	Vehicle 2 (CA)	203	02-Sep-16 A	23-Jun-17	14																						
744	Vehicle 2 Testing and Validation (Dynamic Tests)	102	02-Sep-16 A	13-Feb-17	0								13-Feb-17														
745	Vehicle 2 Multiple Unit Type Tests - 242	71	14-Feb-17	26-May-17	8						14-Feb-17					26-May-17											
746	Vehicle 2 Acceptance Test	20	29-May-17	23-Jun-17	14									29-May-17		23-Jun-17											
747	SERIAL MANUFACTURING	247	19-Aug-16 A	09-Jan-18	3																						
748	Vehicle 3 (CA)	20	19-Jun-17	17-Jul-17	9																						
749	Vehicle 3 - Alstom Vehicle Acceptance Testing	20	19-Jun-17	17-Jul-17	9										19-Jun-17		17-Jul-17										
750	Vehicle 4 (CA)	20	26-Jun-17	24-Jul-17	14																						
751	Vehicle 4 - Alstom Vehicle Acceptance Testing	20	26-Jun-17	24-Jul-17	14										26-Jun-17		24-Jul-17										
752	Vehicle 5 (CA)	79	13-Oct-16 A	23-Feb-17	15																						
753	Vehicle 5 - Fitting & Control	35	13-Oct-16 A	09-Dec-16	15	13-Oct-16 A				09-Dec-16																	
754	Vehicle 5 - Serial Testing	30	12-Dec-16	25-Jan-17	15			12-Dec-16				25-Jan-17															
755	Vehicle 5 - Alstom Vehicle Acceptance Testing	20	26-Jan-17	23-Feb-17	15					26-Jan-17			23-Feb-17														
756	Vehicle 6 (CA)	156	10-Aug-16 A	04-Apr-17	11																						
757	Vehicle 6 - Vehicle Sub Assembly	75	10-Aug-16 A	30-Nov-16	3					30-Nov-16																	
758	Vehicle 6 - Fitting & Control	35	01-Dec-16	23-Jan-17	11			01-Dec-16				23-Jan-17															
759	Vehicle 6 - Serial Testing	30	24-Jan-17	07-Mar-17	11					24-Jan-17			07-Mar-17														
760	Vehicle 6 - Alstom Vehicle Acceptance Testing	20	08-Mar-17	04-Apr-17	11						08-Mar-17		04-Apr-17														
761	Vehicle 7 (CA)	137	12-Sep-16 A	24-Apr-17	11																						
762	Vehicle 7 - Vehicle Sub Assembly	60	12-Sep-16 A	23-Dec-16	3	6 A				23-Dec-16																	
763	Vehicle 7 - Fitting & Control	32	28-Dec-16	10-Feb-17	11				28-Dec-16			10-Feb-17															
764	Vehicle 7 - Serial Testing	29	13-Feb-17	24-Mar-17	11					13-Feb-17			24-Mar-17														
765	Vehicle 7 - Alstom Vehicle Acceptance Testing	20	27-Mar-17	24-Apr-17	11						27-Mar-17		24-Apr-17														
766	Vehicle 8 (CA)	117	11-Oct-16 A	04-May-17	14																						
767	Vehicle 8 - Vehicle Sub Assembly	50	11-Oct-16 A	19-Jan-17	3	11-Oct-16 A				19-Jan-17																	
768	Vehicle 8 - Fitting & Control	28	20-Jan-17	01-Mar-17	14					20-Jan-17			01-Mar-17														
769	Vehicle 8 - Serial Testing	25	02-Mar-17	05-Apr-17	14						02-Mar-17		05-Apr-17														
770	Vehicle 8 - Alstom Vehicle Acceptance Testing	20	06-Apr-17	04-May-17	14							06-Apr-17		04-May-17													
771	Vehicle 9 (CA)	136	15-Nov-16 A	31-May-17	7																						
772	Vehicle 9 - Vehicle Sub Assembly	46	15-Nov-16 A	15-Feb-17	3		15-Nov-16 A			15-Feb-17																	
773	Vehicle 9 - Fitting & Control	27	16-Feb-17	27-Mar-17	7					16-Feb-17			27-Mar-17														
774	Vehicle 9 - Serial Testing	25	28-Mar-17	02-May-17	7						28-Mar-17		02-May-17														
775	Vehicle 9 - Alstom Vehicle Acceptance Testing	20	03-May-17	31-May-17	7							03-May-17		31-May-17													
TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.		Page 21 of 29		Remaining LOE Actual Work Actual LOE Milestone Remaining Work Critical Work												Date		Revision	Checked	Approved							
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		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path														OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16											
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						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
776	Vehicle 10 (CA)	126	09-Dec-16	12-Jun-17	9																						
777	Vehicle 10 - Vehicle Sub Assembly	60	09-Dec-16	08-Mar-17	3			09-Dec-16					08-Mar-17														
778	Vehicle 10 - Fitting & Control	26	09-Mar-17	13-Apr-17	9						09-Mar-17			13-Apr-17													
779	Vehicle 10 - Serial Testing	20	17-Apr-17	12-May-17	9							17-Apr-17			12-May-17												
780	Vehicle 10 - Alstom Vehicle Acceptance Testing	20	15-May-17	12-Jun-17	9								15-May-17			12-Jun-17											
781	Vehicle 11 (CA)	121	23-Dec-16	19-Jun-17	13																						
782	Vehicle 11 - Vehicle Sub Assembly	56	23-Dec-16	16-Mar-17	3			23-Dec-16					16-Mar-17														
783	Vehicle 11 - Fitting & Control	25	17-Mar-17	21-Apr-17	13						17-Mar-17			21-Apr-17													
784	Vehicle 11 - Serial Testing	20	24-Apr-17	19-May-17	13							24-Apr-17			19-May-17												
785	Vehicle 11 - Alstom Vehicle Acceptance Testing	20	23-May-17	19-Jun-17	13								23-May-17			19-Jun-17											
786	Vehicle 12 (CA)	116	11-Jan-17	26-Jun-17	15																						
787	Vehicle 12 - Vehicle Sub Assembly	52	11-Jan-17	24-Mar-17	3				11-Jan-17				24-Mar-17														
788	Vehicle 12 - Fitting & Control	24	27-Mar-17	28-Apr-17	15						27-Mar-17			28-Apr-17													
789	Vehicle 12 - Serial Testing	20	01-May-17	29-May-17	15							01-May-17			29-May-17												
790	Vehicle 12 - Alstom Vehicle Acceptance Testing	20	30-May-17	26-Jun-17	15								30-May-17			26-Jun-17											
791	Vehicle 13 (CA)	109	25-Jan-17	29-Jun-17	15																						
792	Vehicle 13 - Vehicle Sub Assembly	48	25-Jan-17	03-Apr-17	3				25-Jan-17				03-Apr-17														
793	Vehicle 13 - Fitting & Control	23	04-Apr-17	05-May-17	15						04-Apr-17			05-May-17													
794	Vehicle 13 - Serial Testing	20	08-May-17	05-Jun-17	15							08-May-17			05-Jun-17												
795	Vehicle 13 - Alstom Vehicle Acceptance Testing	18	06-Jun-17	29-Jun-17	15								06-Jun-17			29-Jun-17											
796	Vehicle 14 (CA)	104	10-Feb-17	11-Jul-17	15																						
797	Vehicle 14 - Vehicle Sub Assembly	44	10-Feb-17	13-Apr-17	3					10-Feb-17			13-Apr-17														
798	Vehicle 14 - Fitting & Control	22	17-Apr-17	16-May-17	15							17-Apr-17			16-May-17												
799	Vehicle 14 - Serial Testing	20	17-May-17	14-Jun-17	15								17-May-17			14-Jun-17											
800	Vehicle 14 - Alstom Vehicle Acceptance Testing	18	15-Jun-17	11-Jul-17	15									15-Jun-17			11-Jul-17										
801	Vehicle 15 (CA)	97	01-Mar-17	18-Jul-17	15																						
802	Vehicle 15 - Vehicle Sub Assembly	40	01-Mar-17	26-Apr-17	3						01-Mar-17			26-Apr-17													
803	Vehicle 15 - Fitting & Control	21	27-Apr-17	26-May-17	15							27-Apr-17			26-May-17												
804	Vehicle 15 - Serial Testing	18	29-May-17	21-Jun-17	15								29-May-17			21-Jun-17											
805	Vehicle 15 - Alstom Vehicle Acceptance Testing	18	22-Jun-17	18-Jul-17	15									22-Jun-17			18-Jul-17										
806	Vehicle 16 (CA)	95	17-Mar-17	01-Aug-17	14																						
807	Vehicle 16 - Vehicle Sub Assembly	39	17-Mar-17	11-May-17	3						17-Mar-17			11-May-17													
808	Vehicle 16 - Fitting & Control	20	12-May-17	09-Jun-17	14							12-May-17			09-Jun-17												
809	Vehicle 16 - Serial Testing	18	12-Jun-17	06-Jul-17	14								12-Jun-17			06-Jul-17											
810	Vehicle 16 - Alstom Vehicle Acceptance Testing	18	07-Jul-17	01-Aug-17	14									07-Jul-17			01-Aug-17										
811	Vehicle 17 (CA)	91	31-Mar-17	10-Aug-17	14																						
812	Vehicle 17 - Vehicle Sub Assembly	38	31-Mar-17	25-May-17	3						31-Mar-17			25-May-17													
813	Vehicle 17 - Fitting & Control	19	26-May-17	21-Jun-17	14								26-May-17			21-Jun-17											
814	Vehicle 17 - Serial Testing	17	22-Jun-17	17-Jul-17	14									22-Jun-17			17-Jul-17										
TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.						Page 22 of 29						Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work										Date		Revision	Checked	Approved	
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																						21-Apr-16		Rev.2.3	OLRT		
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		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path														OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16											
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815	Vehicle 17 - Alstom Vehicle Acceptance Testing	17	18-Jul-17	10-Aug-17	14										18-Jul-17		10-Aug-17										
816	Vehicle 18 (CA)	89	12-Apr-17	18-Aug-17	14																						
817	Vehicle 18 - Vehicle Sub Assembly	37	12-Apr-17	05-Jun-17	3								12-Apr-17			05-Jun-17											
818	Vehicle 18 - Fitting & Control	18	06-Jun-17	29-Jun-17	14									06-Jun-17			29-Jun-17										
819	Vehicle 18 - Serial Testing	17	30-Jun-17	25-Jul-17	14										30-Jun-17			25-Jul-17									
820	Vehicle 18 - Alstom Vehicle Acceptance Testing	17	26-Jul-17	18-Aug-17	14											26-Jul-17		18-Aug-17									
821	Vehicle 19 (CA)	85	25-Apr-17	24-Aug-17	14																						
822	Vehicle 19 - Vehicle Sub Assembly	36	25-Apr-17	14-Jun-17	3								25-Apr-17			14-Jun-17											
823	Vehicle 19 - Fitting & Control	17	15-Jun-17	10-Jul-17	14									15-Jun-17			10-Jul-17										
824	Vehicle 19 - Serial Testing	16	11-Jul-17	01-Aug-17	14										11-Jul-17		01-Aug-17										
825	Vehicle 19 - Alstom Vehicle Acceptance Testing	16	02-Aug-17	24-Aug-17	14											02-Aug-17		24-Aug-17									
826	Vehicle 20 (CA)	84	05-May-17	05-Sep-17	14																						
827	Vehicle 20 - Vehicle Sub Assembly	35	05-May-17	23-Jun-17	3								05-May-17			23-Jun-17											
828	Vehicle 20 - Fitting & Control	17	26-Jun-17	19-Jul-17	14										26-Jun-17		19-Jul-17										
829	Vehicle 20 - Serial Testing	16	20-Jul-17	11-Aug-17	14											20-Jul-17		11-Aug-17									
830	Vehicle 20 - Alstom Vehicle Acceptance Testing	16	14-Aug-17	05-Sep-17	14												14-Aug-17		05-Sep-17								
831	Vehicle 21 (CA)	82	17-May-17	13-Sep-17	15																						
832	Vehicle 21 - Vehicle Sub Assembly	34	17-May-17	05-Jul-17	3								17-May-17			05-Jul-17											
833	Vehicle 21 - Fitting & Control	16	06-Jul-17	27-Jul-17	11										06-Jul-17		27-Jul-17										
834	Vehicle 21 - Serial Testing	16	28-Jul-17	21-Aug-17	15											28-Jul-17		21-Aug-17									
835	Vehicle 21 - Alstom Vehicle Acceptance Testing	16	22-Aug-17	13-Sep-17	15												22-Aug-17		13-Sep-17								
836	Vehicle 22 (CA)	82	30-May-17	25-Sep-17	12																						
837	Vehicle 22 - Vehicle Sub Assembly	33	30-May-17	14-Jul-17	3								30-May-17			14-Jul-17											
838	Vehicle 22 - Fitting & Control	16	18-Jul-17	09-Aug-17	11											18-Jul-17		09-Aug-17									
839	Vehicle 22 - Serial Testing	16	10-Aug-17	31-Aug-17	11											10-Aug-17		31-Aug-17									
840	Vehicle 22 - Alstom Vehicle Acceptance Testing	16	01-Sep-17	25-Sep-17	12												01-Sep-17		25-Sep-17								
841	Vehicle 23 (CA)	80	09-Jun-17	03-Oct-17	11																						
842	Vehicle 23 - Vehicle Sub Assembly	32	09-Jun-17	25-Jul-17	3								09-Jun-17			25-Jul-17											
843	Vehicle 23 - Fitting & Control	15	26-Jul-17	16-Aug-17	14											26-Jul-17		16-Aug-17									
844	Vehicle 23 - Serial Testing	15	22-Aug-17	12-Sep-17	11												22-Aug-17		12-Sep-17								
845	Vehicle 23 - Alstom Vehicle Acceptance Testing	15	13-Sep-17	03-Oct-17	11													13-Sep-17		03-Oct-17							
846	Vehicle 24 (CA)	76	21-Jun-17	10-Oct-17	12																						
847	Vehicle 24 - Vehicle Sub Assembly	31	21-Jun-17	03-Aug-17	3								21-Jun-17			03-Aug-17											
848	Vehicle 24 - Fitting & Control	15	04-Aug-17	25-Aug-17	11											04-Aug-17		25-Aug-17									
849	Vehicle 24 - Serial Testing	15	28-Aug-17	18-Sep-17	12												28-Aug-17		18-Sep-17								
850	Vehicle 24 -Alstom Vehicle Acceptance Testing	15	19-Sep-17	10-Oct-17	12												19-Sep-17		10-Oct-17								
851	Vehicle 25 (CA)	74	04-Jul-17	18-Oct-17	11																						
852	Vehicle 25 - Vehicle Sub Assembly	30	04-Jul-17	15-Aug-17	3									04-Jul-17			15-Aug-17										
853	Vehicle 25 - Fitting & Control	14	16-Aug-17	05-Sep-17	11												16-Aug-17		05-Sep-17								
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Data Date: 21-Nov-16		Page 23 of 29		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work												Date		Revision	Checked	Approved							
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		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path															OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16												
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854	Vehicle 25 - Serial Testing	15	06-Sep-17	26-Sep-17	11											06-Sep-17		26-Sep-17											
855	Vehicle 25 - Alstom Vehicle Acceptance Testing	15	27-Sep-17	18-Oct-17	11											27-Sep-17		18-Oct-17											
856	Vehicle 26 (CA)	73	14-Jul-17	27-Oct-17	9																								
857	Vehicle 26 - Vehicle Sub Assembly	29	14-Jul-17	24-Aug-17	3									14-Jul-17			24-Aug-17												
858	Vehicle 26 - Fitting & Control	14	25-Aug-17	14-Sep-17	9											25-Aug-17		14-Sep-17											
859	Vehicle 26 - Serial Testing	15	15-Sep-17	05-Oct-17	9											15-Sep-17		05-Oct-17											
860	Vehicle 26 - Alstom Vehicle Acceptance Testing	15	06-Oct-17	27-Oct-17	9											06-Oct-17		27-Oct-17											
861	Vehicle 27 (CA)	71	26-Jul-17	06-Nov-17	8																								
862	Vehicle 27 - Vehicle Sub Assembly	28	26-Jul-17	05-Sep-17	3									26-Jul-17			05-Sep-17												
863	Vehicle 27 - Fitting & Control	13	06-Sep-17	22-Sep-17	5											06-Sep-17		22-Sep-17											
864	Vehicle 27 - Serial Testing	15	25-Sep-17	16-Oct-17	5											25-Sep-17		16-Oct-17											
865	Vehicle 27 - Alstom Vehicle Acceptance Testing	15	17-Oct-17	06-Nov-17	8											17-Oct-17		06-Nov-17											
866	Vehicle 28 (CA)	71	08-Aug-17	16-Nov-17	5																								
867	Vehicle 28 - Vehicle Sub Assembly	27	08-Aug-17	14-Sep-17	3									08-Aug-17			14-Sep-17												
868	Vehicle 28 - Fitting & Control	13	15-Sep-17	03-Oct-17	6											15-Sep-17		03-Oct-17											
869	Vehicle 28 - Serial Testing	15	05-Oct-17	26-Oct-17	5											05-Oct-17		26-Oct-17											
870	Vehicle 28 - Alstom Vehicle Acceptance Testing	15	27-Oct-17	16-Nov-17	5											27-Oct-17		16-Nov-17											
871	Vehicle 29 (CA)	67	18-Aug-17	22-Nov-17	6																								
872	Vehicle 29 - Vehicle Sub Assembly	26	18-Aug-17	25-Sep-17	3									18-Aug-17			25-Sep-17												
873	Vehicle 29 - Fitting & Control	13	26-Sep-17	13-Oct-17	6											26-Sep-17		13-Oct-17											
874	Vehicle 29 - Serial Testing	14	16-Oct-17	02-Nov-17	6											16-Oct-17		02-Nov-17											
875	Vehicle 29 - Alstom Vehicle Acceptance Testing	14	03-Nov-17	22-Nov-17	6											03-Nov-17		22-Nov-17											
876	Vehicle 30 (CA)	66	31-Aug-17	04-Dec-17	3																								
877	Vehicle 30 - Vehicle Sub Assembly	25	31-Aug-17	05-Oct-17	3									31-Aug-17			05-Oct-17												
878	Vehicle 30 - Fitting & Control	13	06-Oct-17	25-Oct-17	3											06-Oct-17		25-Oct-17											
879	Vehicle 30 - Serial Testing	14	26-Oct-17	14-Nov-17	3											26-Oct-17		14-Nov-17											
880	Vehicle 30 - Alstom Vehicle Acceptance Testing	14	15-Nov-17	04-Dec-17	3											15-Nov-17		04-Dec-17											
881	Vehicle 31 (CA)	62	14-Sep-17	11-Dec-17	3																								
882	Vehicle 31 - Vehicle Sub Assembly	24	14-Sep-17	18-Oct-17	3									14-Sep-17			18-Oct-17												
883	Vehicle 31 - Fitting & Control	12	19-Oct-17	03-Nov-17	3											19-Oct-17		03-Nov-17											
884	Vehicle 31 - Serial Testing	13	06-Nov-17	22-Nov-17	3											06-Nov-17		22-Nov-17											
885	Vehicle 31 - Alstom Vehicle Acceptance Testing	13	23-Nov-17	11-Dec-17	3											23-Nov-17		11-Dec-17											
886	Vehicle 32 (CA)	59	27-Sep-17	19-Dec-17	3																								
887	Vehicle 32 - Vehicle Sub Assembly	23	27-Sep-17	30-Oct-17	3									27-Sep-17			30-Oct-17												
888	Vehicle 32 - Fitting & Control	12	31-Oct-17	15-Nov-17	3											31-Oct-17		15-Nov-17											
889	Vehicle 32 - Serial Testing	12	16-Nov-17	01-Dec-17	3											16-Nov-17		01-Dec-17											
890	Vehicle 32 - Alstom Vehicle Acceptance Testing	12	04-Dec-17	19-Dec-17	3											04-Dec-17		19-Dec-17											
891	Vehicle 33 (CA)	56	11-Oct-17	29-Dec-17	3																								
892	Vehicle 33 - Vehicle Sub Assembly	22	11-Oct-17	09-Nov-17	3									11-Oct-17			09-Nov-17												
TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.																													
Data Date: 21-Nov-16																													
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		OLRT Constructors/Constructeurs - Confederation Line Project																OLRT PROJECT SCHEDULE REV 3 - Nov 2016								
		Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path																19-Dec-16								
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018								
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
893	Vehicle 33 - Fitting & Control	12	10-Nov-17	27-Nov-17	3														10-Nov-17		27-Nov-17					
894	Vehicle 33 - Serial Testing	11	28-Nov-17	12-Dec-17	3														28-Nov-17		12-Dec-17					
895	Vehicle 33 - Alstom Vehicle Acceptance Testing	11	13-Dec-17	29-Dec-17	3														13-Dec-17		29-Dec-17					
896	Vehicle 34 (CA)	53	24-Oct-17	09-Jan-18	3														24-Oct-17		22-Nov-17					
897	Vehicle 34 - Vehicle Sub Assembly	22	24-Oct-17	22-Nov-17	3														23-Nov-17		07-Dec-17					
898	Vehicle 34 - Fitting & Control	11	23-Nov-17	07-Dec-17	3														08-Dec-17		21-Dec-17					
899	Vehicle 34 - Serial Testing	10	08-Dec-17	21-Dec-17	3														22-Dec-17		09-Jan-18					
900	Vehicle 34 - Alstom Vehicle Acceptance Testing	10	22-Dec-17	09-Jan-18	3																					
901	Retrofitting After Design Validation	81	14-Feb-17	09-Jun-17	8																					
902	Retrofitting of the Produced Vehicles	81	14-Feb-17	09-Jun-17	8					14-Feb-17						09-Jun-17										
903	TESTING & COMMISSIONING & HANDOVER	755	21-May-15 A	23-May-18	0																					
904	OVERALL SYSTEM ASSURANCE	755	21-May-15 A	23-May-18	0																					
905	SAFETY CERTIFICATION & AS BUILDS	755	21-May-15 A	23-May-18	0																					
906	As Builds	420	20-Sep-16 A	23-May-18	0																					
907	Produce Initial As built drawings	300	20-Sep-16 A	28-Nov-17	0	09-16 A															28-Nov-17					
908	City Review	20	29-Nov-17	28-Dec-17	0														29-Nov-17		28-Dec-17					
909	Produce & Submit Final As built drawings	100	29-Dec-17	23-May-18	0														29-Dec-17						23-May-18	
910	Final As builds submitted	0		23-May-18	0																					◆
911	Safety Certification	755	21-May-15 A	23-May-18	0																					◆
912	Submit Safety & certification files	0		23-May-18	0																					◆
913	Final Certificate Signed & Submission to the City	0		23-May-18	0																					◆
914	Safety Certificates	755	21-May-15 A	23-May-18	0																					23-May-18
915	SAFETY MANAGEMENT SYSTEM (SMS)	269	02-Nov-16 A	31-Jan-17	3																					
916	6.0 - Emergency Planning and Response	269	02-Nov-16 A	31-Jan-17	3																					
917	6.2 - Emergency Response Procedures	269	02-Nov-16 A	31-Jan-17	3																					
918	Emergency Response Procedures First Draft Review	107	02-Nov-16 A	24-Nov-16	3		02-Nov-16 A		24-Nov-16																	
919	Emergency Response Procedures Submittal	30	25-Nov-16	10-Jan-17	3			25-Nov-16		10-Jan-17																
920	Emergency Response Procedures Review	15	11-Jan-17	31-Jan-17	3				11-Jan-17		31-Jan-17															
921	TRAINING FOR OPERATING & MAINTENANCE & HAZ	549	18-Apr-16 A	17-Apr-18	3																					
922	OLRT TRAINING SCHEDULE	549	18-Apr-16 A	17-Apr-18	3																					
923	Management	120	18-Apr-16 A	17-May-17	3																					
924	Collect vendor documentation	120	18-Apr-16 A	17-May-17	3																					
925	OCT Train the Trainer Program	157	01-Feb-17	15-Sep-17	3																					
926	Develop and submit Train the Trainer Program course material (OCT Driver Training)	74	01-Feb-17	17-May-17	3					01-Feb-17						17-May-17										
927	City review, comment and accept Train the Trainer Program course material (OCT Driver Training) finalize course material	64	01-Mar-17	31-May-17	3					01-Mar-17						31-May-17										
928	Conduct Train the Trainer Program courses (OCT Driver Training)	25	12-Jun-17	17-Jul-17	3									12-Jun-17		17-Jul-17										
929	5 OCT Trainers Trained (1 for City Employee Training and 1 for Emergency Responder Trainer)	0		31-Jul-17	3																					◆

TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.

Data Date: 21-Nov-16

Page 25 of 29

Remaining LOE

Actual LOE

Remaining Work

Actual Work

Milestone

Critical Work

Date

21-Jul-15

21-Apr-16

21-Nov-16

Revision

Rev.2.2

Rev.2.3

Rev.3.0

Checked

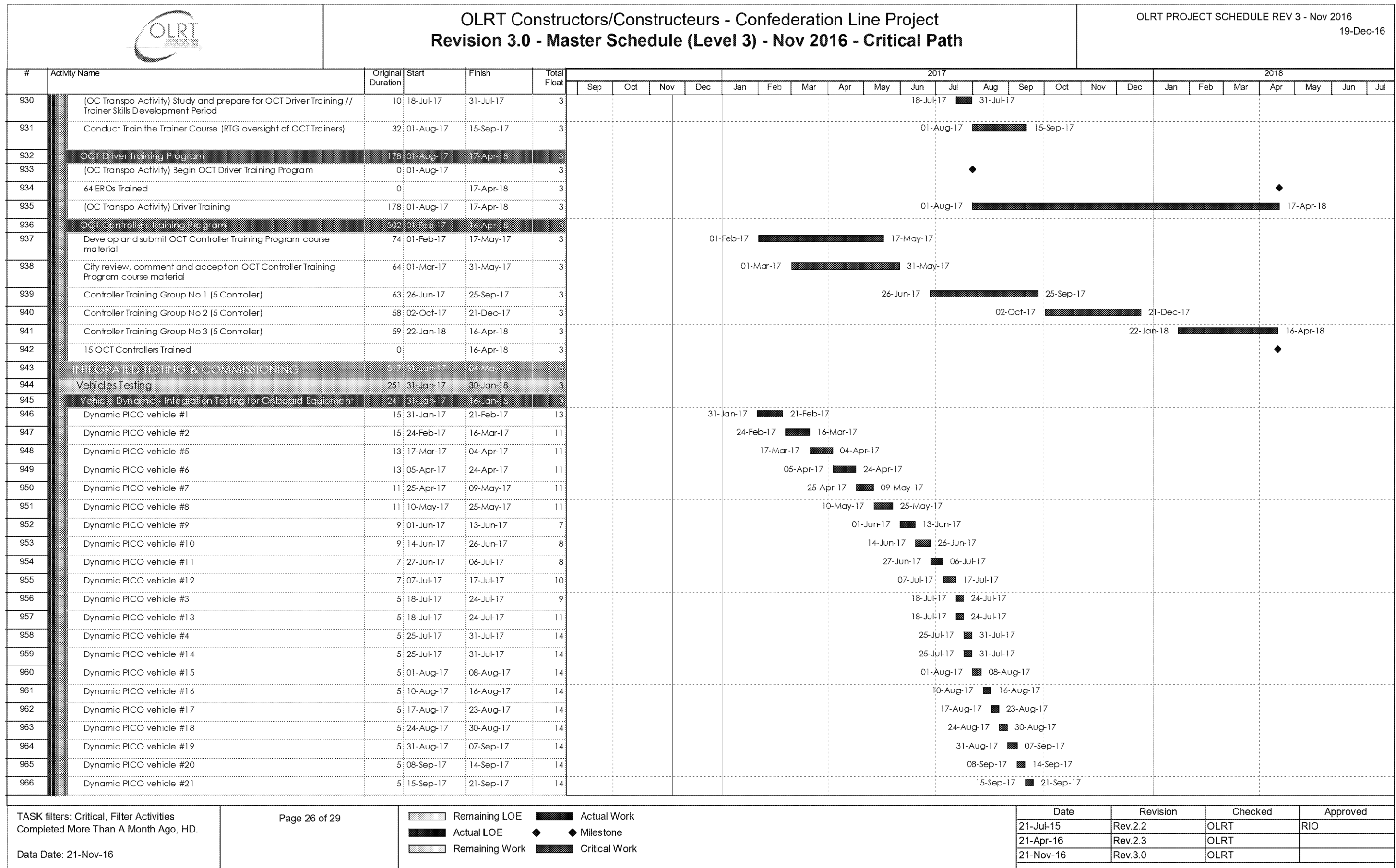
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		OLRT Constructors/Constructeurs - Confederation Line Project Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path																OLRT PROJECT SCHEDULE REV 3 - Nov 2016 19-Dec-16									
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
967	Dynamic PICO vehicle #22	5	26-Sep-17	02-Oct-17	12												26-Sep-17	02-Oct-17									
968	Dynamic PICO vehicle #23	5	04-Oct-17	11-Oct-17	11												04-Oct-17	11-Oct-17									
969	Dynamic PICO vehicle #24	5	12-Oct-17	18-Oct-17	11												12-Oct-17	18-Oct-17									
970	Dynamic PICO vehicle #25	5	19-Oct-17	25-Oct-17	11												19-Oct-17	25-Oct-17									
971	Dynamic PICO vehicle #26	5	30-Oct-17	03-Nov-17	9												30-Oct-17	03-Nov-17									
972	Dynamic PICO vehicle #27	5	07-Nov-17	13-Nov-17	8												07-Nov-17	13-Nov-17									
973	Dynamic PICO vehicle #28	5	17-Nov-17	23-Nov-17	5												17-Nov-17	23-Nov-17									
974	Dynamic PICO vehicle #29	5	24-Nov-17	30-Nov-17	5												24-Nov-17	30-Nov-17									
975	Dynamic PICO vehicle #30	5	05-Dec-17	11-Dec-17	3												05-Dec-17	11-Dec-17									
976	Dynamic PICO vehicle #31	5	12-Dec-17	18-Dec-17	3												12-Dec-17	18-Dec-17									
977	Dynamic PICO vehicle #32	5	20-Dec-17	28-Dec-17	3												20-Dec-17	28-Dec-17									
978	Dynamic PICO vehicle #33	5	02-Jan-18	08-Jan-18	3												02-Jan-18	08-Jan-18									
979	Train Dynamic Test Completion	0		16-Jan-18	3																						
980	Dynamic PICO vehicle #34	5	10-Jan-18	16-Jan-18	3												10-Jan-18	16-Jan-18									
981	Vehicle Acceptance Testings	206	05-Apr-17	30-Jan-18	3																						
982	Overall Acceptance test for Vehicle 5	24	05-Apr-17	09-May-17	12						05-Apr-17			09-May-17													
983	Overall Acceptance test for Vehicle 6	20	25-Apr-17	23-May-17	11						25-Apr-17			23-May-17													
984	Overall Acceptance test for Vehicle 7	19	10-May-17	06-Jun-17	12						10-May-17			06-Jun-17													
985	Overall Acceptance test for Vehicle 8	18	29-May-17	21-Jun-17	11						29-May-17			21-Jun-17													
986	Overall Acceptance test for Vehicle 1	13	19-Jun-17	06-Jul-17	8							19-Jun-17		06-Jul-17													
987	Overall Acceptance test for Vehicle 9	17	14-Jun-17	07-Jul-17	7							14-Jun-17		07-Jul-17													
988	Overall Acceptance test for Vehicle 10	16	27-Jun-17	19-Jul-17	8							27-Jun-17		19-Jul-17													
989	Overall Acceptance test for Vehicle 2	13	07-Jul-17	25-Jul-17	8							07-Jul-17		25-Jul-17													
990	Overall Acceptance test for Vehicle 11	15	10-Jul-17	28-Jul-17	7							10-Jul-17		28-Jul-17													
991	Overall Acceptance test for Vehicle 12	14	20-Jul-17	09-Aug-17	8								20-Jul-17		09-Aug-17												
992	Overall Acceptance test for Vehicle 3	13	26-Jul-17	14-Aug-17	8								26-Jul-17		14-Aug-17												
993	Overall Acceptance test for Vehicle 13	13	31-Jul-17	17-Aug-17	7								31-Jul-17		17-Aug-17												
994	Overall Acceptance test for Vehicle 14	12	10-Aug-17	25-Aug-17	8								10-Aug-17		25-Aug-17												
995	Overall Acceptance test for Vehicle 4	13	15-Aug-17	31-Aug-17	8								15-Aug-17		31-Aug-17												
996	Overall Acceptance test for Vehicle 15	11	18-Aug-17	01-Sep-17	7								18-Aug-17		01-Sep-17												
997	Overall Acceptance test for Vehicle 16	10	28-Aug-17	11-Sep-17	8								28-Aug-17		11-Sep-17												
998	Overall Acceptance test for Vehicle 17	10	05-Sep-17	18-Sep-17	7								05-Sep-17		18-Sep-17												
999	Overall Acceptance test for Vehicle 18	10	12-Sep-17	25-Sep-17	8								12-Sep-17		25-Sep-17												
1000	Overall Acceptance test for Vehicle 19	10	19-Sep-17	02-Oct-17	7								19-Sep-17		02-Oct-17												
1001	Overall Acceptance test for Vehicle 20	10	26-Sep-17	10-Oct-17	8								26-Sep-17		10-Oct-17												
1002	Overall Acceptance test for Vehicle 21	10	03-Oct-17	17-Oct-17	7								03-Oct-17		17-Oct-17												
1003	Overall Acceptance test for Vehicle 22	10	11-Oct-17	24-Oct-17	8								11-Oct-17		24-Oct-17												
1004	Overall Acceptance test for Vehicle 23	10	18-Oct-17	31-Oct-17	7								18-Oct-17		31-Oct-17												
TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.		Page 27 of 29		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work												Date		Revision	Checked	Approved							
Data Date: 21-Nov-16																21-Jul-15		Rev.2.2	OLRT	RIO							
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		OLRT Constructors/Constructeurs - Confederation Line Project																OLRT PROJECT SCHEDULE REV 3 - Nov 2016									
Revision 3.0 - Master Schedule (Level 3) - Nov 2016 - Critical Path																		19-Dec-16									
#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018									
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1005	Overall Acceptance test for Vehicle 24	10	25-Oct-17	07-Nov-17	8													25-Oct-17		07-Nov-17							
1006	Overall Acceptance test for Vehicle 25	10	01-Nov-17	14-Nov-17	7													01-Nov-17		14-Nov-17							
1007	Overall Acceptance test for Vehicle 26	10	08-Nov-17	21-Nov-17	8													08-Nov-17		21-Nov-17							
1008	Overall Acceptance test for Vehicle 27	10	15-Nov-17	28-Nov-17	7													15-Nov-17		28-Nov-17							
1009	Overall Acceptance test for Vehicle 28	10	24-Nov-17	07-Dec-17	6													24-Nov-17		07-Dec-17							
1010	Overall Acceptance test for Vehicle 29	10	01-Dec-17	14-Dec-17	5													01-Dec-17		14-Dec-17							
1011	Overall Acceptance test for Vehicle 30	10	12-Dec-17	27-Dec-17	4													12-Dec-17		27-Dec-17							
1012	Overall Acceptance test for Vehicle 31	10	19-Dec-17	04-Jan-18	3													19-Dec-17		04-Jan-18							
1013	Overall Acceptance test for Vehicle 32	10	29-Dec-17	12-Jan-18	3													29-Dec-17		12-Jan-18							
1014	Overall Acceptance test for Vehicle 33	10	09-Jan-18	22-Jan-18	3													09-Jan-18		22-Jan-18							
1015	Overall Acceptance test for Vehicle 34	10	17-Jan-18	30-Jan-18	3													17-Jan-18		30-Jan-18							
1016	Train Acceptance Test Completion	0		30-Jan-18	3																						
1017	Maintenance Storage Facility (MSF) & Yard - Testing	40	09-Jan-18	06-Mar-18	8																						
1018	Verify TSCC Integration	40	09-Jan-18	06-Mar-18	8														09-Jan-18								
1019	At Grade Section @ ZC #3 - System Wide Testing	126	23-May-17	20-Nov-17	3																						
1020	Communication Based Train Control (CBTC) @ Zone 3 System Wide Integration Testing - Wayside	74	23-May-17	06-Sep-17	13									23-May-17				06-Sep-17									
1021	Signals and Communications (COM) @ Zone 3 System Wide Integration Testing - Wayside	40	16-Aug-17	12-Oct-17	8									16-Aug-17				12-Oct-17									
1022	Communication Based Train Control (CBTC) @ Zone 3 System Wide Integration Testing - Zone Controller @ Trambly	45	16-Aug-17	19-Oct-17	3									16-Aug-17				19-Oct-17									
1023	Facilities & Guideway (F&G) @ Zone 3 System Wide Integration Testing - Wayside	22	20-Oct-17	20-Nov-17	3													20-Oct-17		20-Nov-17							
1024	Tunnel Section&At Grade Section @ ZC #2 - System Wide T	95	25-Sep-17	08-Feb-18	0																						
1025	Communication Based Train Control (CBTC) @ Zone 2 System Wide Integration Testing - Wayside (A/G Section)	40	27-Sep-17	22-Nov-17	5													27-Sep-17		22-Nov-17							
1026	Power Supply & Distribution (PSD) System Wide Integration Testing (Rideau River Bridge-West Portal)	50	25-Sep-17	04-Dec-17	0													25-Sep-17		04-Dec-17							
1027	Tunnel Ventilation System Integration Testing @ Tunnel - East Tunnel Section	10	15-Dec-17	02-Jan-18	5														15-Dec-17		02-Jan-18						
1028	Lyon Station Station System Integration Testing	15	12-Dec-17	04-Jan-18	5														12-Dec-17		04-Jan-18						
1029	Communication Based Train Control (CBTC) @ Zone 2 System Wide Integration Testing - Zone Controller @ uOttawa	30	23-Nov-17	08-Jan-18	0														23-Nov-17		08-Jan-18						
1030	Signals and Communications (COM) @ Zone 2 System Wide Integration Testing - Wayside	50	27-Oct-17	09-Jan-18	0														27-Oct-17		09-Jan-18						
1031	Tunnel Ventilation System Integration Testing @ Parliament Station	20	28-Dec-17	25-Jan-18	5														28-Dec-17		25-Jan-18						
1032	Tunnel Ventilation System Integration Testing @ Rideau Station	20	03-Jan-18	30-Jan-18	7														03-Jan-18		30-Jan-18						
1033	Parliament Station Station System Integration Testing	15	12-Jan-18	01-Feb-18	0														12-Jan-18		01-Feb-18						
1034	Facilities & Guideway (F&G) @ Zone 2 System Wide Integration Testing - Wayside	22	10-Jan-18	08-Feb-18	0														10-Jan-18		08-Feb-18						
1035	Rideau Station Station System Integration Testing	15	19-Jan-18	08-Feb-18	0														19-Jan-18		08-Feb-18						
1036	At Grade Section @ ZC #1 - System Wide Testing	68	23-Oct-17	29-Jan-18	0																						
1037	Tunney's Pasture Station System Integration Testing	20	23-Oct-17	17-Nov-17	8													23-Oct-17		17-Nov-17							
TASK filters: Critical, Filter Activities Completed More Than A Month Ago, HD.		Page 28 of 29		Remaining LOE Actual LOE Remaining Work Actual Work Milestone Critical Work														Date		Revision		Checked		Approved			
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#	Activity Name	Original Duration	Start	Finish	Total Float	2017												2018											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
1038	Bayview Station System Integration Testing	20	27-Nov-17	22-Dec-17	3														27-Nov-17		22-Dec-17								
1039	Power Supply & Distribution (PSD) System Wide Integration Testing (West Portal-Tunney's Pasture Station)	40	31-Oct-17	27-Dec-17	0														31-Oct-17		27-Dec-17								
1040	Signals and Communications (COM) @ Zone 1 System Wide Integration Testing - Wayside	35	07-Nov-17	27-Dec-17	0														07-Nov-17		27-Dec-17								
1041	Communication Based Train Control (CBTC) @ Zone 1 System Wide Integration Testing - Zone Controller @ Tunneys Pasture S.	30	23-Nov-17	08-Jan-18	0														23-Nov-17		08-Jan-18								
1042	Pimisi Station System Integration Testing	20	27-Dec-17	24-Jan-18	3														27-Dec-17		24-Jan-18								
1043	Facilities & Guideway (F&G) @ Zone 1 System Wide Integration Testing - Wayside	22	28-Dec-17	29-Jan-18	0														28-Dec-17		29-Jan-18								
1044	Overall Systems Integration Testing	84	06-Dec-17	09-Apr-18	0																								
1045	Communication Transmission System Overall System-wide Integration Testing	22	06-Dec-17	09-Jan-18	0														06-Dec-17		09-Jan-18								
1046	Tunnel Ventilation Overall System-wide Integration Testing	41	10-Jan-18	08-Mar-18	0														10-Jan-18		08-Mar-18								
1047	System-wide Integration Testing	40	09-Feb-18	09-Apr-18	0														09-Feb-18		09-Apr-18								
1048	Vehicle Service Equipment Completion	96	15-Dec-17	04-May-18	12																								
1049	Completion of Train Manufacturing	0	15-Dec-17		12																								
1050	MSF Fitout For Maintenance	65	15-Dec-17	21-Mar-18	12														15-Dec-17		21-Mar-18								
1051	Verify Equipment Without Train (Site Acceptance Testing)	23	22-Mar-18	24-Apr-18	12																		22-Mar-18		24-Apr-18				
1052	Verify Equipment With Train (System Integration Testing)	8	25-Apr-18	04-May-18	12																			25-Apr-18		04-May-18			
1053	Vehicle Service Equipment Available	0		04-May-18	12																								
1054	MSF Final Acceptance & Comissioning	31	22-Mar-18	04-May-18	12																		22-Mar-18		04-May-18				
1055	Train Wash Equipment Completion @ MSF	65	15-Dec-17	21-Mar-18	12																								
1056	Completion of Train Manufacturing	0	15-Dec-17		12																								
1057	Train Wash Equipment Installation Completion	50	15-Dec-17	28-Feb-18	12														15-Dec-17		28-Feb-18								
1058	Verify Train Wash Equipment Without Train (Site Acceptance Testing)	10	01-Mar-18	14-Mar-18	12																		01-Mar-18		14-Mar-18				
1059	Verify Train Wash Equipment With Train (System Integration Testing)	5	15-Mar-18	21-Mar-18	12																		15-Mar-18		21-Mar-18				
1060	Train Wash Equipment Available	0		21-Mar-18	12																								
1061	MSF Train Wash Equipment Completion & Testing	15	01-Mar-18	21-Mar-18	12																		01-Mar-18		21-Mar-18				
1062	TRIAL RUNNING	29	30-Jan-18	23-May-18	0																								
1063	Pre-Trial Running - Full mainline	60	30-Jan-18	25-Apr-18	0														30-Jan-18		25-Apr-18								
1064	Trial Running	19	26-Apr-18	23-May-18	0																			26-Apr-18		23-May-18			
1065	Project Completion	0		23-May-18	0																								

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