

Confederation Line Structures

Structure Number	Structure Name	NMI or SI	Relevant Authority	Structure Type	Structure Conveyance	Minimum Vertical Clearance Exceptions <sup>1,2</sup>	Bridge Aesthetic Level and Classification	Geometric Structural Requirements		Scope of Work											Additional Comments/Requirements		
								Cross Section to Accommodate	Structure to Span Over	New Design & Construction	Removal	Replace	Accommodate OCS	Structural Evaluation	Install Crash Walls at Piers	Install Security Fence <sup>4</sup>	Requires Architectural Concrete <sup>5</sup>	Rehabilitation <sup>3</sup>					
Confederation Line East Structures															Concrete Patch Repairs	Concrete Crack Repairs	Replace Bearings						
SN226780	Blair Road Bridge over Transitway	NMI	City of Ottawa	Concrete Rigid Frame	Roadway	No Exceptions	-	Existing Blair Road configuration	EB & WB Track Alignment Emergency walkways Future Cumberland Transitway				X			X		X	X				Replace longitudinal seal in median.
SN226790	Blair Road E-NS Ramp	NMI	City of Ottawa	Post-tensioned Voided Concrete Slab	Roadway	No Exceptions	-	Existing Ramp configuration	EB & WB Track Alignment Emergency walkways				X		X			X	X	X			
SN224880	Transitway Bridge over OR174	-	City of Ottawa	Post-tensioned Voided Concrete Slab	Transitway	-	-	-	-		X												Includes the removal of culverts A224636 and A224635
SN224980	Montreal Road Flyover	SI	City of Ottawa	New Elevated Guideway	Railway	No Exceptions	1 - High	EB & WB track Alignment Emergency walkways	Future widening of OR174 WB lanes	X													
SN224850	Westbound OR174 Bridge over Montreal Rd	NMI	City of Ottawa	New Overpass Bridge	Roadway	No Exceptions	1 - High	Future widening of OR174 WB lanes	Future widening of Montreal Road			X											
SN224855	Montreal Road Station Bridge	SI	City of Ottawa	New Elevated Guideway	Railway	No Exceptions	1 - High	EB & WB track Alignment Train platform	Future widening of Montreal Road Montreal Station	X						X							Shall be Designed in conjunction with Montreal Road Station
SN224851	Eastbound OR174 Bridge over Montreal Rd	NMI	City of Ottawa	New Overpass Bridge	Roadway	No Exceptions	3 - Low	Future widening of OR174 EB lanes	Future widening of Montreal Road			X											
SN227110	Greens Creek Culvert under OR174	NMI	City of Ottawa	New Culvert	Roadway/ Railway	-	3 - Low	EB & WB track Alignment Emergency walkways Future Widening of OR174 North MUP	Greens Creek Culvert	X													Design and construct a new culvert section to carry the alignment over the existing Green's Creek Culvert
SN221250	Green's Creek Pedestrian Bridge	NMI	City of Ottawa	New Pedestrian Bridge	Pedestrian/ Maintenance Vehicle	-	-	MUP	Greens Creek	X													
SN224860	Sir George-Etienne Cartier Parkway Bridge over OR174	NMI	NCC/City of Ottawa	Post-tensioned Voided Concrete Slab	Roadway	No Exceptions	-	Existing Parkway configuration	EB & WB track Alignment Emergency walkways Future widening of OR174				X		X	X			X				
SN224870	Jeanne d'Arc Blvd Bridge over OR174	NMI	City of Ottawa	Pre-stressed Concrete Voided Slab	Roadway	No Exceptions	-	Existing Jeanne d'Arc Blvd configuration	EB & WB track Alignment Train platform Future widening of OR174				X	X	X	X		X	X	X			Modify existing structure to accommodate new opening for station access
SN224240	Orleans Boulevard Bridge over OR174	NMI	City of Ottawa	Pre-stressed Concrete I-Girder and Slab	Roadway	No Exceptions	-	Existing Orleans Boulevard configuration	EB & WB track Alignment Train platform Future widening of OR174				X	X	X	X							Modify existing structure to accommodate new opening for station access
SN224510	Billberry Creek Culvert under OR174	NMI	City of Ottawa	Concrete Box Culvert with CSP extension	Roadway/ Railway	-	-	Future Widening of OR174	Billberry Creek					X									
SN228030	Place d'Orléans Pedestrian Bridge over OR174	NMI	City of Ottawa	Post Tensioned Voided Slab	Pedestrian	No Exceptions	-	Existing configuration	EB & WB track Alignment Train platform Future widening of OR174				X	X	X			X	X				Concrete repairs to the exposed pier foundations. Modify existing structure to accommodate new opening for station access
SN228025	Place d'Orléans Station Pedestrian Bridge over EB OR174	SI	City of Ottawa	New Enclosed Pedestrian Bridge	Pedestrian	-	1 - High	Pedestrian Traffic Maintenance Vehicle	Future widening of OR174 EB lanes	X						X							Shall be Designed in conjunction with the Place d'Orléans Station
SN224890	Champlain Street Bridge over OR174	NMI	City of Ottawa	Post-tensioned Voided Concrete Slab	Roadway	No Exceptions	-	Existing Champlain Street configuration	EB & WB Track Alignment Emergency walkways Future widening of OR174				X		X	X				X			
SN894010	Tenth Line Road Bridge over OR174	NMI	City of Ottawa	Pre-stressed Concrete I-Girder and Slab Bridge	Roadway	No Exceptions	-	Existing Tenth Line Road configuration	EB & WB Track Alignment Emergency walkways Future Widening of OR174				X		X	X				X			
SN894040	Box Culvert under OR174	NMI	City of Ottawa	Concrete Box Culvert	Roadway/ Railway	-	-	EB & WB track Alignment Emergency walkways Future Widening of OR174	Existing Creek					X									
SN894050	Taylor Creek Culvert under OR174	NMI	City of Ottawa	Concrete Box Culvert	Roadway/ Railway	-	-	EB & WB track Alignment Emergency walkways Future Widening of OR174	Taylor Creek					X									

<sup>1</sup>Exceptions to the minimum clearance requirements per Schedule 15-2 Part 2, Article 4 - Structural Design Criteria and Requirements, Clause 4.4

<sup>2</sup>OCS placement under the Structure shall be as indicated in Schedule 15-2, Part 3, Article 14.

<sup>3</sup>Substructure and Soffit repairs Based on the requirements of the most recent OSIM Inspection Report

<sup>4</sup>Install Security fence in accordance with Schedule 15-2, Part 6, Article 2 - Landscape Design Criteria, Clause 2.7

<sup>5</sup>Architectural concrete shall be in accordance with the requirements in Schedule 15-2, Part 4, Article 2 - Architectural Design Criteria

NTD: Bundled Project, details to follow



