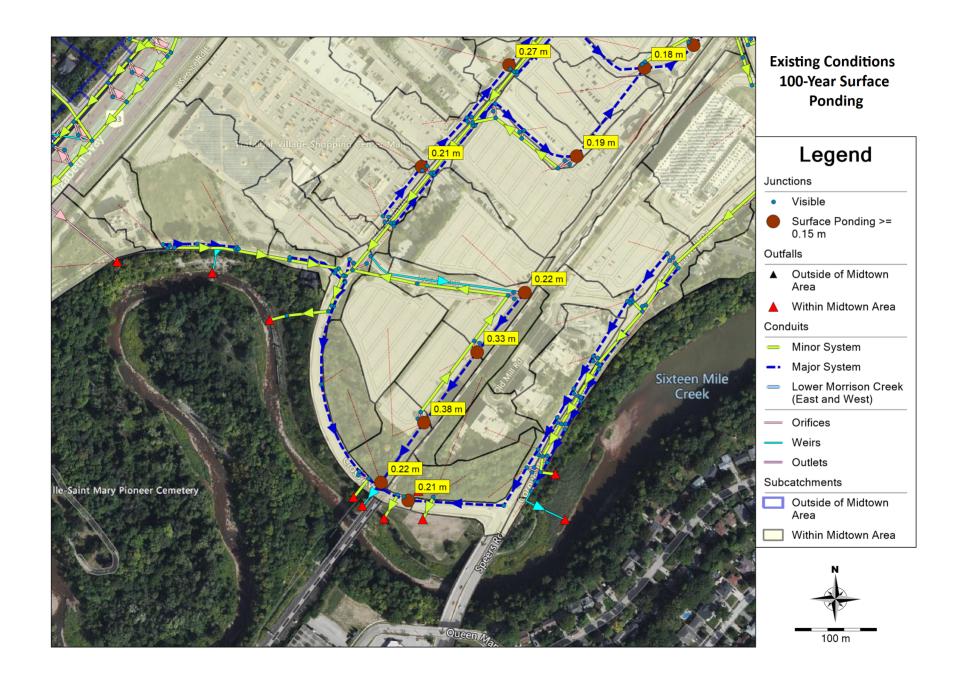
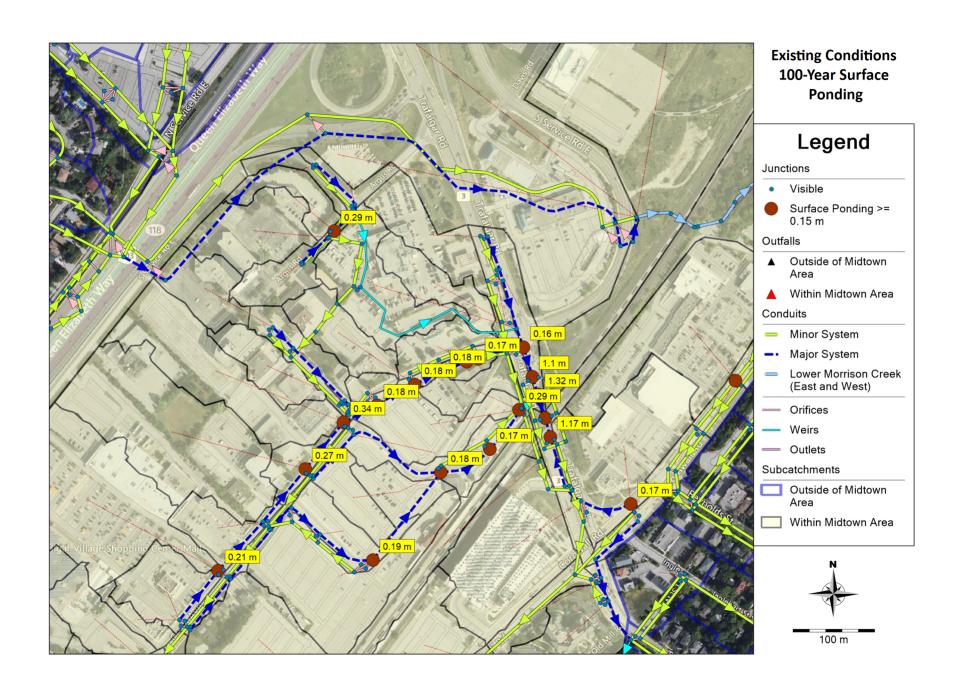
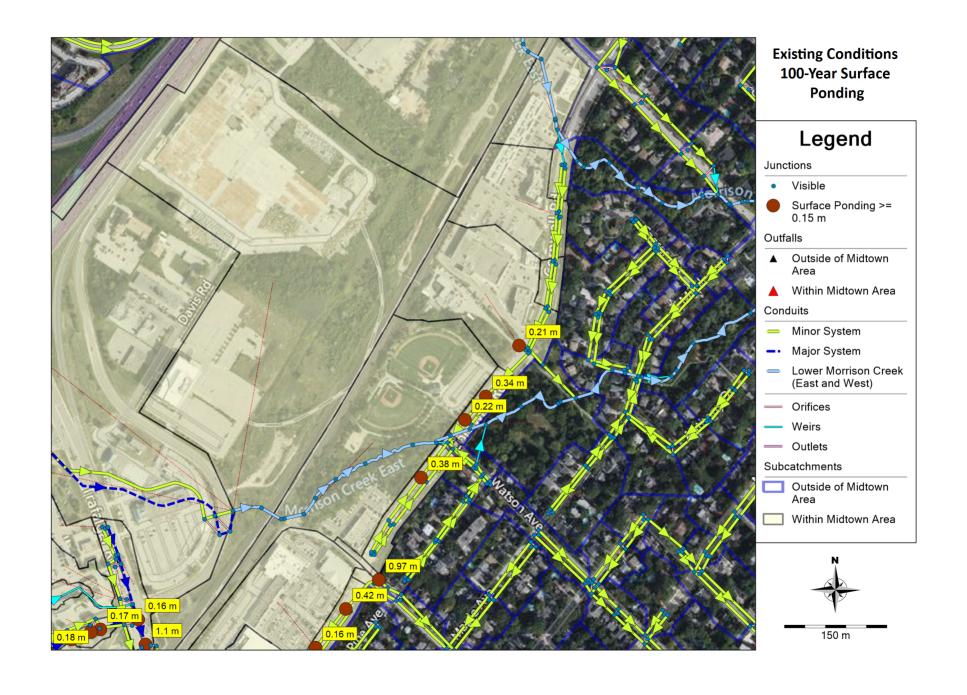
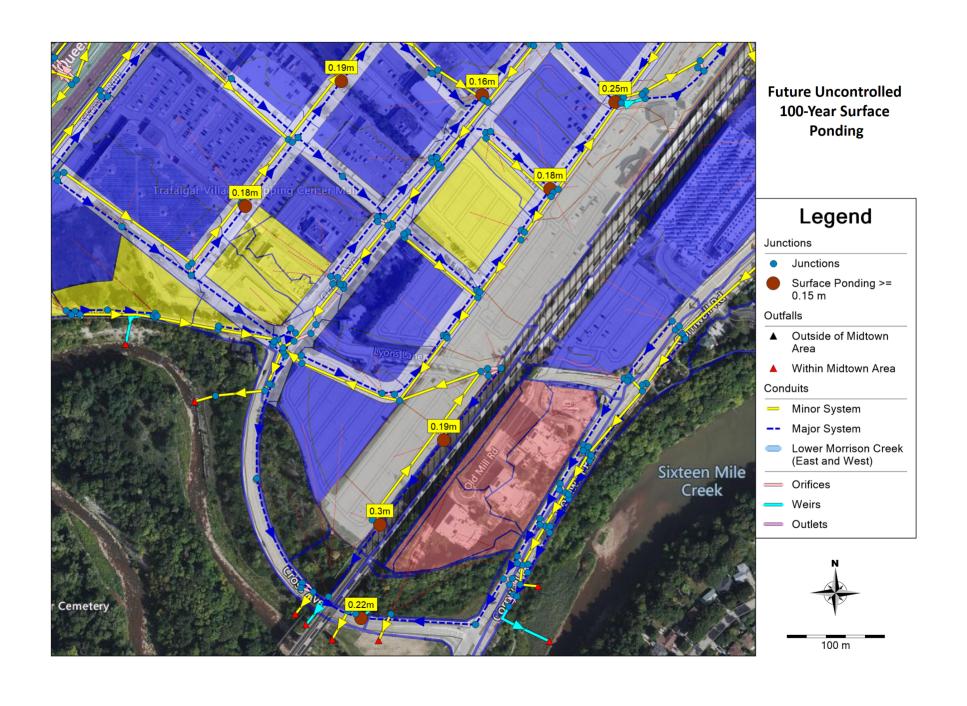
Appendix E. Major Drainage System - Performance and Cross Sections



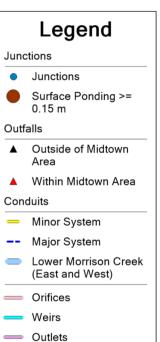




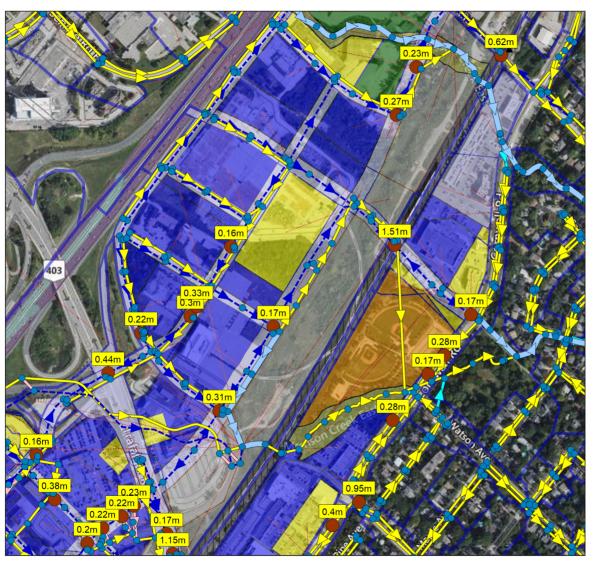




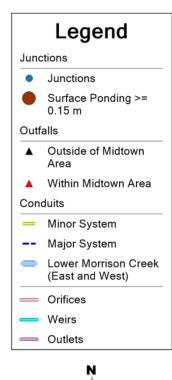
## Future Uncontrolled 100-Year Surface Ponding



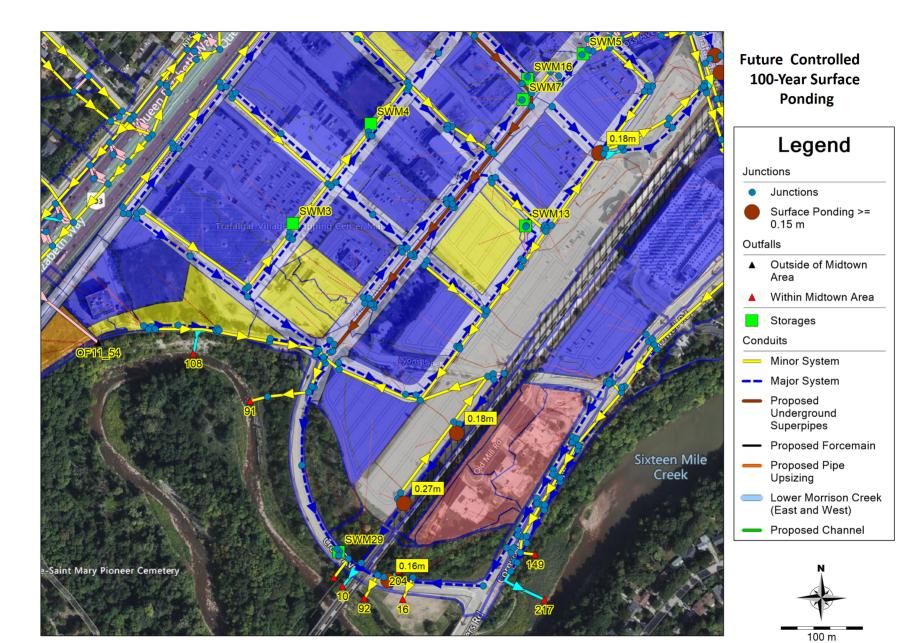


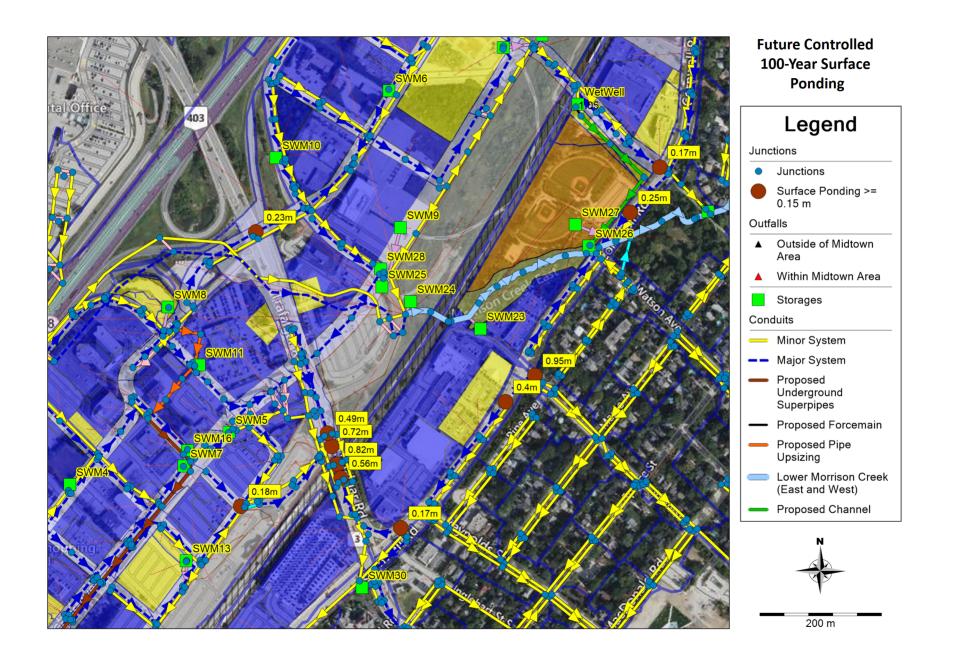


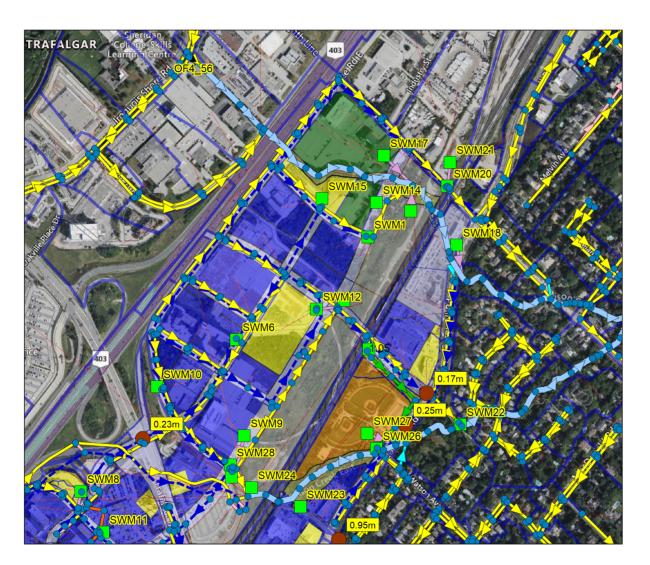
## Future Uncontrolled 100-Year Surface Ponding



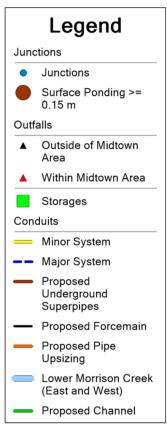








## Future Controlled 100-Year Surface Ponding





	Surface ponding under 100-yr Storm Conditions (m)			
Road Name / Intersection	Existing	Proposed Uncontrolled	Proposed Controlled	
Argus Rd near South Service Rd East	0.29	0.16	0.1	
Cross Ave & Argus Rd	0.18	0.21	0.06	
Cross Ave	0.18	0.2	0.01	
Cross Ave	0.18	0.22	0.07	
Cross Ave	0.17	0.23	0.1	
Cross Ave	0.17	0.22	0.1	
East of Go Parking lot close to the Bus Stop before spilling to Trafalgar Rd	0.29	0.21	0.12	
Lyons Ln south - next to the Railway	0.22	0.1	0.1	
Cross Ave	0.27	0.16	0.15	
Cross Ave	0.21	0.13	0.1	
Go Train Parking lot	0.19	0.18	0.1	
Cross Ave near Speers Rd	0.21	0.22	0.22	
Trafalgar Rd	0.16	0.17	0.11	
Trafalgar Rd	1.43	1.49	0.83	

Road Name / Intersection	Surface ponding under 100-yr Storm Conditions (m)			
Roda Name / mersection	Existing	Proposed Uncontrolled	Proposed Controlled	
Trafalgar Rd	1.17	1.22	0.57	
Trafalgar Rd	1.32	1.38	0.73	
Go parking lot close to Bus stop	0.18	0.13	0.08	
Go parking lot close to Bus stop	0.17	0.13	0.09	
Trafalgar Rd	1.1	1.15	0.5	
Cornwall Rd near Trafalgar	0.17	0.17	0.17	
South of Go parking lot near the railway.	0.33	0.19	0.18	
South of Go parking lot near the railway.	0.38	0.3	0.27	
Cross Ave - Near Speers Rd - Under the bridge	0.22	0.15	0.13	
Cornwall Rd - East of Trafalgar	0.16	0.15	0.15	
Cornwall Rd - East of Trafalgar	0.42	0.4	0.4	
Cornwall Rd - East of Trafalgar	0.97	0.95	0.95	
Cornwall Rd - East of Trafalgar	0.38	0.28	0.27	
Cornwall Rd - East of Trafalgar	0.34	0.28	0.27	

Road Name / Intersection	Surface ponding under 100-yr Storm Conditions (m)			
	Existing	Proposed Uncontrolled	Proposed Controlled	
Cornwall Rd - East of Trafalgar	0.22	0.17	0.16	
Cornwall Rd - East of Trafalgar	0.21	0.17	0.17	

