

Upgrading City Infrastructure During Construction Of The Metrolinx Rapid Transit Program
Appendix A - 1
Toronto Water - New/Upgraded Watermain Infrastructure

NUMBER	STREET	FROM	TO	WORK REQUIRED	SCOPE OF WORK	EXISTING DIAMETER (mm)	PROPOSED DIAMETER (mm)	ESTIMATED LENGTH (m)
1	Eglinton Ave E	Bayview Avenue	Brentcliffe Rd	Upsize	Upsize existing 150mm 1946 Cast Iron watermain to 300mm to complete north south connection at Bayview Station.	150	300	<10
2	Mount Pleasant Rd	Eglinton Ave Intersection	Eglinton Ave Intersection	New	Construct a new 1650mm Transmission Watermain on Mount Pleasant Rd from Ridge St to Roehampton Ave as part of JOS Mt. Pleasant / Roehampton project.	0	1,650	20
3	Eglinton Ave E	Brentcliffe Rd	Leslie St	New	Install a new 300mm wm across previous municipal boundary. Abandon existing 150mm watermain and transfer services to new 300mm. Closed land fill with hazardous contaminants located south of Eglinton. Soil test is required to select pipe material.	0	300	69
4	Eglinton Ave W	Croham Rd	Bathurst St	Upsize	Replace existing 600mm cast iron watermain with new 400mm. Abandon 150mm watermain and transfer services to new 400mm. Reinstate and upsize 150mm cross connections to 300mm.	150	300	24
5	Eglinton Ave W	Latimer Ave	Avenue Rd	Upsize	Upsize existing 150mm 1931 cast iron to 300mm to support future growth.	150	300	59
6	Chaplin Cres	Russell Hill Rd	Gilgorm Rd	Upsize	Upsize existing 150mm cast iron in the vicinity of Chaplin station to 300mm.	150	300	59
7	Eglinton Ave W (south)	Latimer Ave	Elmsthorpe Ave	Upsize	Upsize existing 150mm cast iron watermain built in 1930 to 300mm to support future growth.	150	300	<10
8	Eglinton Ave W	Gilgorm Rd	Latimer Ave	Upsize	Upsize existing 150mm cast iron watermain built in 1930 to 400mm to support future growth.	150	400	97
9	Bathurst St (west)	Eglinton Ave w	Old Forest Hill Rd	Upsize	Upsize existing 150mm cast iron watermain built in 1941 to 300mm to support future growth.	150	300	<10
10	Bayview Ave (east)	Parkhurst Blvd	Eglinton Ave	Upsize	Upsize existing 150mm cast iron watermain built in 1945 to 300mm to support future growth.	150	300	14
11	Bayview Ave (west)	Eglinton Ave E	Broadway Ave	Upsize	Upsize existing 150mm cast iron watermain to 300mm to support future growth at Bayview.	150	300	13
12	Eglinton Ave W (north)	1220 Eglinton Ave W	Bathurst St	Upsize	Upsize existing 150mm cast iron watermain to 300mm to support future growth.	150	300	93
13	Eglinton Ave W (south)	Bathurst St	Spadina Rd	Upsize	Upsize existing 150mm cast iron watermain to 300mm to support future growth. Connect existing watermain on Gardiner Rd watermain to new 300mm watermain. No need to connect Gardiner Rd watermain to new 600mm watermain.	150	300	38
14	Eglinton Ave W (south)	Bathurst St	Spadina Rd	New	Connect existing watermain on Gardiner Rd watermain to new 300mm watermain. No need to connect Gardiner Rd watermain to new 600mm watermain.	0	300	16
15	Eglinton Ave W	Duplex Ave	Mount Pleasant Rd	Upsize	Upsize existing 150mm cast iron watermain to 400mm. Reinstate and upsize existing 150mm cross connections to 300mm.	150	400	217
16	Eglinton Ave W	Duplex Ave	Mount Pleasant Rd	New	Upsize existing 150mm cast iron watermain to 400mm. Reinstate and upsize existing 150mm cross connections to 300mm. New connection.	0	400	34
17	Eglinton Ave W	Duplex Intersection	Duplex Intersection	Upsize	Upsize existing 150mm connection to 600mm and connect to new 750/600mm watermain at Eglinton intersection.	150	600	<10
18	Eglinton Ave W	Latimer Ave Intersection	Latimer Ave Intersection	Upsize	Upsize existing 150mm pressure district connection to 300mm. Install new Pressure District valve in closed position north of new 400mm watermain.	150	300	23
19	Duplex Ave	Duplex Cres	Orchard View Blvd	Upsize	Upsize existing 150mm watermain built in 1932 to 300mm.	150	300	<10
20	Eglinton Ave	Avenue Rd	Mount Pleasant Rd	Upsize	Upsize existing 300/600mm to 750mm to provide linkage between the new Avenue Rd transmission watermain and the future Mount Pleasant watermain. New watermain should connect to both 1050mm and 750mm watermain as requested by Water Supply.	600	750	464
21	Eglinton Ave	Avenue Rd	Mount Pleasant Rd	New	Upsize existing 300/600mm to 750mm to provide linkage between the new Avenue Rd transmission watermain and the future Mount Pleasant watermain. New watermain should connect to both 1050mm and 750mm watermain as requested by Water Supply. New connection.	0	750	<10
22	Eglinton Ave W (north)	Bathurst St intersection	Bathurst St intersection	Upsize	Upsize existing 300mm cast iron pressure district boundary connection watermain to 400mm.	300	400	<10

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23	Eglinton Ave W (north)	Bathurst St intersection	Bathurst St intersection	Upsize	Upsize existing 300mm cast iron trans-dist connection watermain to 400mm.	300	400	12
24	Eglinton Ave	Avenue Rd	Duplex Ave	Upsize	Upsize existing 300mm cast iron watermain to 400mm. Abandon existing 150mm watermain and transfer services to new 400mm. Reinstate and upsize cross connections to 300mm.	300	400	119
25	Eglinton Ave	Avenue Rd	Duplex Ave	New	Upsize existing 300mm cast iron watermain to 400mm. Abandon existing 150mm watermain and transfer services to new 400mm. Reinstate and upsize cross connections to 300mm. New connection.	0	300	18
26	Eglinton Ave W	Chaplin Cres intersection	Chaplin Cres intersection	Upsize	Upsize existing 300mm transmission/distribution connection to 600mm.	300	600	<10
27	Eglinton Ave	Avenue Rd Intersection	Avenue Rd Intersection	Upsize	Upsize existing 300mm transmission-distribution connection at intersection to 400mm.	300	400	19
28	Eglinton Ave	Highbourne intersection	Highbourne intersection	Upsize	Upsize the existing 150mm Trans-Dist connection to 400mm.	150	400	10
					TOTAL			1,466

Note 1: The list consists of watermain upgrades and new installations from and including the Mt. Dennis station in the west to and including the Kennedy station in the east.

Source: Toronto Water

Dated: June 18, 2013