

Table of Contents

<u>Page</u>	
1	2021 Capital Plan Overview
17	Infrastructure Project Phase Map
18	2021-2025 Capital Plan and 2026-2030 Capital Outlook

Barrie Fire and Emergency Services

<u>Page</u>	<u>Project #</u>	<u>Project Title</u>
39	BF1029	Apparatus Replacement - Technical Rescue Truck
40	BF1013	Fire Training Facility Temporary Expansion

Business Performance & Environmental Sustainability

<u>Page</u>	<u>Project #</u>	<u>Project Title</u>
42	ES1047	Public Space Bin Upgrade Program
43	ES1056	Studies for Future Solid Waste Disposal Options

Corporate Asset Management

<u>Page</u>	<u>Project #</u>	<u>Project Title</u>
44	001038	Asset Management Plan Updates - Regulatory Compliance and Program Advancement
45	001039	DC Update - Infrastructure Cost Study
46	EN1395	Ferndale Drive South Watermain Replacement - Tiffin to Ardagh
47	000940	SWMF / Stormwater Storage Area Safety Review
48	000931	Wastewater Inflow/Infiltration Reduction Action Plan
49	EN1429	Water and Transportation Asset Management Plans - Update
50	EN1433	Whiskey Creek - Culvert Crossings - The Boulevard and Brennan Avenue
51	EN1331	WwTF/BSF/SPS Condition Assessments for Wastewater Asset Management Plan

Development Services

<u>Page</u>	<u>Project #</u>	<u>Project Title</u>
52	EN1377	Anne Street Right of Way Expansion - Wellington to Dunlop
54	000915	Barrie Heritage Subdivision New Park Development - Neighbourhood Park
55	EN1144	County Road 27 New Transmission Watermain - Holly PS to Former Barrie South City Limits (Developer)
56	EN1265	Cycle Barrie Infrastructure Program
58	EN1250	Essa Road New Transmission Watermain - Mapleview to Athabaska (Developer)
59	EN1301	MacMorrison Park Sports Program Replacement Plan
60	EN1386	Tiffin/Bradford/Essa Transportation Feasibility Study
61	001028	Waterfront, Marina & Parks Master Plan Update

Facilities

<u>Page</u>	<u>Project #</u>	<u>Project Title</u>
62	001041	5th Floor Data Air Cooling Replacement
63	001013	Allandale Recreation Centre - Pool Grout Rehabilitation
64	000401	Allandale Recreation Centre Flooring Replacement
65	000225	Allandale Recreation Centre Large Pool Heating System Replacement
66	000237	Allandale Recreation Centre Sidewalk Paver Replacement
67	000235	Allandale Recreation Centre Small Pool Heat Exchanger Replacement
68	FC1206	Allandale Transit Hub Development
69	000867	Barrie Fire Station 1 Apparatus Bay Floor Resurfacing
70	000921	Barrie Fire Station 1 Overhead Door Refurbishment
71	000600	Barrie Molson Centre Sound System Replacement
72	000412	Circle at the Centre Condenser Replacement
73	001035	Collier Street Parkade Sprinkler Replacement Program
74	000975	East Bayfield Community Centre Air Cooled Condenser Replacement

75	000376	Eastview Arena Flat Roof Replacement
76	001029	Fire HQ UPS Replacement
77	FC1230	Holly Community Centre Roof Replacement
78	Z766	Lampman Lane Community Centre Interior Washroom and Access Renovation
79	FC1216	Main Library Lobby Terrazzo Refurbishment
80	001057	Operations Centre Master Plan - Land Purchase
81	FC1124	Operations Centre Master Plan Implementation
83	000408	Parkview Community Centre Building Envelope Refurbishment
84	000361	Parkview Community Centre DSS Abatement
85	000389	Parkview Community Centre Parking Lot & Curb Replacement
86	000974	Sadlon Arena - Fire System Replacement
87	001011	Sadlon Arena - Roof Repairs
88	001008	SWTP-Boiler Replacement and Optimization
89	000954	Transit Downtown Mini Hub
90	001024	Transit Terminal Canopy Drain Line Replacement
91	001022	Transit Terminal Exterior Door Replacement
92	FC1215	WWTF Innovation Center

Finance

<u>Page</u>	<u>Project #</u>	<u>Project Title</u>
93	FI1018	County of Simcoe Capital Program - Long Term Care & Senior Services
94	FI1019	County of Simcoe Capital Program - Paramedic Services
95	FI1020	County of Simcoe Capital Program - Social Housing & Community Services
96	CC1000	ERP Sustainment Program
97	FI1024	Stormwater Climate Action Fund

Infrastructure

<u>Page</u>	<u>Project #</u>	<u>Project Title</u>
98	EN1323	Anne Street Right of Way Expansion - Wellington to Edgehill (outside of CAH limits)
99	EN1322	Anne Street Right of Way Expansion - Wellington to Edgehill (within CAH limits)
100	EN1288	Bayview Drive New Transmission Watermain & Road Expansion - Little Avenue to Big Bay Point Road
102	EN1324	Big Bay Point Rd., Painswick Bridge B Rehabilitation - (Metrolinx Corridor) - Ashford to Pine
103	EN1150	Big Bay Point Road Booster Station VFD Upgrade
104	EN1286	Big Bay Point Road ROW Expansion - Bayview to Huronia
106	EN1132	Bishop Drive Trunk Sanitary Sewer Expansion - Ferndale to Patterson
107	Z445	Bryne Drive and Commerce Park Drive Right of Way Expansion
108	EN1277	Bryne Drive New Road Construction - Harvie to North of Caplan
110	EN1453	Codrington Street and Lakeview Crescent ROW Replacement - Duckworth to Weldon
111	001018	Dunlop Street Bridge Sanitary - Sarjeant Drive to Anne Street
112	EN1167	Dunlop Street East Corridor Improvements - Toronto to Mulcaster
113	EN1306	Dunlop Street Interchange Replacement - Sarjeant Drive to Anne Street
114	EN1071	Dunlop Street West ROW Replacement - Eccles to Toronto
116	EN1101	Dunlop, Poyntz and Berczy New Watermain and ROW Replacement - Codrington to Mulcaster
117	EN1279	Dyments Creek New Storm Pond - North of Dunlop St. W
119	EN1308	End of Life Pavement Replacement Program
120	EN1456	Essa Road Expansion - Athabaska to Salem (Developer)
121	EN1455	Essa Road Expansion - Mapleview to Athabaska (Developer)
122	EN1275	Essa Road New Transmission Watermain - Athabaska to Salem (Developer)
123	EN1015	Essa Road Right of Way Expansion - Bryne to Fairview (outside of CAH limits)
125	EN1392	Essa Road Right of Way Expansion - Bryne to Fairview (within CAH limits)
126	EN1170	Essa Road ROW Expansion - Coughlin to Mapleview
128	EN1319	Eugenia Street ROW Reconstruction and New Transmission Watermain - Berczy to Duckworth
129	EN1355	Grove Street East Watermain Replacement and Road Renewal - Duckworth to Fletcher
130	EN1172	Gunn Street ROW Replacement - Peel to St. Vincent
132	EN1396	Hotchkiss Creek Storm Ponds at Wood Street and Associated Culvert Improvements
133	EN1255	Huronia Road New Trunk Sanitary Sewer and Road Replacement - Lockhart to McKay (City)
135	EN1178	Interim Watermain Replacement Pilot Program
136	000141	Jean and Tyndale Sanitary Servicing Installation

137	000061	Johnson Street wastewater pump station valve chamber, back up pump and flow meter
138	EN1269	Kidds and Sophia Creek Storm Pond Upgrades - Irwin (KD03), Ford (KD06), and Ottaway (SP03)
139	001052	Kidd's Creek marina sediment removal
140	EN1263	Lampman to Anne New Transmission Watermain and Lampman to Leacock ROW Rehabilitation
141	001005	Lovers Creek Mapleview LSRCA Compensation
142	EN1169	Lovers Creek New Bridge - Tollendal Mill, 150m West of Coxmill
144	RP1154	Lovers Creek Watershed, LV05 SWMF- Rehabilitation
145	001050	LT04 Storm Pond repairs and retrofit
146	001047	LT14 (JC Massey Way) Emergency Storm Water Pond Repair
147	EN1270	Mapleview Dr E New Sanitary Sewer & Road Expansion - Prince William to Phase 1 Boundary (Developer)
149	EN1271	Mapleview Dr E Road Expansion & New Trunk Watermain - East of Yonge to Prince William (City)
151	EN1097	Mapleview Drive East Improvements - Country Lane to Yonge (City)
153	EN1337	McDonald Municipal Parking Lot Reconstruction
154	EN1251	McKay Road New Interchange - Highway 400 (City)
156	EN1256	McKay Road New Trunk Sanitary Sewer - Hwy 400 to Huronia (City)
158	EN1345	McKay Road Road Expansion - Hwy 400 to Huronia (City)
159	EN1257	McKay Road ROW Expansion - Reid Drive to West of Highway 400 (Developer)
161	EN1282	NRP - HNS Allandale A Neighbourhood Reconstruction
163	EN1281	NRP- HNS Allandale B Neighbourhood Reconstruction
165	EN1318	NRP- HNS Brock Park Neighbourhood Reconstruction
166	EN1280	NRP - HNS Queens Park A1 Neighbourhood Reconstruction
167	EN1336	NRP - HNS Queens Park B Neighbourhood Reconstruction
169	EN1238	NRP - Wellington D1 Neighbourhood Reconstruction
170	EN1240	NRP- Wellington D2 Neighbourhood Reconstruction
171	000069	Penetang Street ROW Replacement - Mulcaster to Duckworth
172	EN1252	PRV Chamber Replacement Program
173	EN1398	Queen St. ROW Reconstruction - St. Vincent Street to Berczy Street
174	EN1289	Road Resurfacing Program
175	EN1276	Salem Road New Transmission Watermain and Road Expansion - County Road 27 to Dunn (Developer)
177	EN1442	Secondary Plan Area New Trail Development (Developer)
178	EN1184	Sewer Rehabilitation Program
179	EN1185	Sidewalk Infill Program
180	EN1186	Sophia Creek Culvert Expansion - Grove, 130m East of Davidson
182	EN1242	Sophia Creek New Storm Pond - MacMorrison Park
183	000558	Sophia Creek Owen Tributary storm outlet from Memorial Square
184	000798	Sophia Trunk Storm Sewers - Clapperton, Owen & Sophia (Dunlop to Peel)
185	EN1013	Sunnidale: Letitia-Wellington Transmission Watermain
187	001016	SWTP Control System Upgrade
188	EN1016	Tiffin Street - Well 7 to Ferndale
189	EN1258	Veterans Drive New Trunk Watermain - Salem to McKay (Developer)
191	EN1390	Wastewater Peak Flow Attenuation Facility
192	EN1152	Water Service and Backflow Prevention Upgrades for Parks and Open Spaces
193	EN1189	Watermain Cathodic Protection Program
194	EN1294	Watermain Renewal Program
195	EN1431	WwTF 96 MLD Expansion Program, Comprehensive Site Strategy Plan & ESR
196	EN1127	WwTF Biosolids Storage Tank Mixers
197	EN1245	WwTF Chemical Building Upgrade
198	EN1330	WwTF Cleaning and Rehab of Primary Digester 3 Overflow Box and Interior Condition Assessment
199	EN1243	WwTF Cogeneration Building Ventilation Upgrades
200	EN1438	WwTF Digester Capacity Expansion
201	EN1297	WwTF Electrical Substation and Transformer Upgrade
202	EN1091	WwTF New Advanced Nutrient Removal
203	Z162	WwTF New Cogeneration and Biogas Treatment System
204	EN1237	WwTF Sludge Thickening System Process - Polymer System Replacement
205	EN1335	WwTF Ventilation Upgrades at Ultraviolet Disinfection Building
206	EN1261	Yonge Street ROW Expansion - Mapleview to Madelaine (City)

Innovation

<u>Page</u>	<u>Project #</u>	<u>Project Title</u>
208	IO1000	Municipal Innovation Exchange (MiX) Project

Information Technology

<u>Page</u>	<u>Project #</u>	<u>Project Title</u>
209	IT1044	Barrie Fire and Emergency Services Technology Program
210	IT1050	BFES Next Gen 911 Phone System
211	IT1031	Citizen Relationship Management (CRM) Solution
212	IT1049	City of Barrie Facilities Wi-Fi Expansion
213	IT1015	Corporate PC Infrastructure Program
214	IT1025	External Website Technology Program
215	001040	Fire Record Management Systems Upgrade
216	001037	Fleet Management System
217	000962	IT Security Monitoring and Incident Management system
218	IT1019	Mobility Technology Program
219	IT1010	Network Technology Infrastructure Program
220	IT1043	Public Safety Communication Program
221	IT1024	Server and Desktop Software Program
222	IT1012	Server and Storage Technology Infrastructure Program

Operations

<u>Page</u>	<u>Project #</u>	<u>Project Title</u>
223	001051	2021 Accessible Pedestrian Pushbutton Installation
224	001053	2021 Streetlight Infill Program
225	001049	2021 Traffic Signal Cabinet Replacement Program
226	RP1093	Alectra Pole Betterment and Capital Upgrade Program - Street Lighting Equipment Relocation
227	EN1266	Annual Parking Lot Improvement Program
228	EN1117	Annual Playground Revitalization Program
229	RP1156	Fleet Replacement Program
230	000991	Landfill Litter Fencing
231	000992	Landfill Purge Well 5
232	001054	New Front End Loader for Downtown Winter Maintenance
233	001048	Permanent Traffic Calming Measures
234	EN1140	Play Court Construction and Rehabilitation
235	000980	Waterfront Park Furnishings Program

Transit & Parking Strategy

<u>Page</u>	<u>Project #</u>	<u>Project Title</u>
236	TR1018	Bus Stop Infrastructure Replacement/Improvements
237	001004	Condition Assessment - Paid Public Lots
238	000536	Conventional Transit Bus Growth
239	TR1029	Conventional Transit Bus Replacement Program
240	001031	Digital Parking Pass Solution
241	TR1028	Specialized Transit Bus Replacement Program
242	000742	Transit Alternative Payment Technology Implementation