

Schedule B: Basement Flooding Protection Program – Project list: 2024 – 2028

- The projects identified in Table 1 fall into one of 5 categories, namely:

Under Construction Projects: These projects have already been awarded to a contractor for construction. These works are in various stages of completion. Projects with construction projected to be completed in 2023 have been removed from this list.

Projects with Completed Preliminary Design: Preliminary design for these projects has been completed, and it has been confirmed that the project's preliminary design estimated costs meet the allowable maximum cost of \$68,000 per benefitting property. These projects have been, or are in the process of, being coordinated with the known capital programs of Transportation Services and other utilities, and are either planned, undergoing, or have completed detailed design.

Projects Undergoing Preliminary Design: Preliminary design for these projects has not yet been completed. For these projects, it has not yet been confirmed that the allowable maximum cost of \$68,000 per benefitting property can be met, and as a result, these projects cannot yet be confirmed for detailed design and construction. These projects may be coordinated with the capital programs of Transportation Services, other divisions, and utilities.

Projects Planned for Preliminary Design: Preliminary design for these projects has not yet been initiated. These projects are in the process of being assigned to consultants to begin the preliminary design process.

Deferred Projects: Preliminary design for these projects has been completed and the costs exceed the Basement Flooding Protection Program's \$68,000 cost per benefitting property threshold. Due to their elevated costs, these projects are removed from the long-term capital plan and moved into the 'BFPP deferred projects list' to be constructed on an opportunistic basis. There are no projects in this category for the 2024 Capital Budget project list.

- The description of Basement Flooding Protection projects identified in Table 1 includes, but is not limited, to the following:

High-Capacity Inlets: High-Capacity Inlets (HCIs) are catch basins designed to capture much more flow than standard catch basins and are typically installed to reduce excessive surface ponding at topographic low points.

Inlet Control Devices: Inlet control devices (ICDs) are flow restrictors installed within catch basins to control the flow rate into the storm or combined sewer system.

New Storm/Combined/Sanitary Sewers: These are new sewers proposed where a sewer does not currently exist or a secondary relief sewer where a sewer does currently exist. These projects can include several elements such as High-Capacity Inlets and Inlet Control Devices on the storm sewer system as well as sealing of maintenance hole covers on the sanitary sewer system. Pipes may be designed to provide temporary storage of excess storm or sanitary sewage.

Storm/Combined/Sanitary Sewer Replacements: These are larger or deeper sewers that will replace already existing sewers. These projects can include several elements such as HCIs and ICDs on the storm and combined sewer system as well as the sealing of maintenance hole covers on the sanitary sewer system. Pipes may be designed to provide temporary storage of excess storm, combined or sanitary sewage.

Road Re-grading: Re-grading a road involves adjusting the elevation of the road to improve overland drainage. This type of project can also include modifications including curb cuts to direct drainage to new outlets.

Storm or Combined or Sanitary Sewer Storage Tanks: Storage tanks temporarily store excess storm, sanitary or combined sewage. These facilities are typically off-line from the sewer system and are drained via pumps.

Dry Stormwater Pond/Wet Stormwater Pond/Engineered Wetland: Stormwater ponds/Engineered Wetlands temporarily store excess stormwater. Wet stormwater ponds and engineered wetlands always contain water whereas a dry stormwater pond is designed to fully drain between rainfall events. Each of these facilities also provide water quality treatment. Dry stormwater ponds are typically located within parks and the land within the pond can be used for recreational activities between rainfall events.

Oil and Grit Separators: Oil and Grit Separators (OGS) are devices that are installed in maintenance holes to provide water quality treatment. These devices are typically installed in-line with the storm sewer system within the road right-of-way.

Green Infrastructure: Green infrastructure utilizes soil, mulch and plants to remove pollutants from stormwater runoff. Green infrastructure can take a variety of forms such as swales or depressions where runoff from small storms is temporarily detained and treated. These units are typically installed within the road right-of-way.

Table 1: Basement Flooding Protection Program - Project list: 2024 – 2028

2024 - Year 1 Projects

Under Construction Projects - Construction Started in 2023 or Earlier and Continuing into 2024

Ward	Councillor	Project #	Location	Project Description
4	Councillor Gord Perks	5-01	Catherine St, Halford Ave, Old Mill Dr, Riverview Gardens	Storm Sewer Replacement
5	Councillor Frances Nunziata	6-04B	Cypress St, Ellis Ave, Ettrick Cres, Gibson Ave, Helen Ave, Jane St, John St, Longview Dr, Marshlynn Ave, Patika Ave, Pelmo Cres, Portage Ave, Queenslea Ave, Richwood St, Robert St, Speers Ave, William St, Wright Ave	Sanitary Sewer Replacement, Storm Sewer Replacement, Inlet Control Devices
5 / 8 / 9 / 12	Councillors Frances Nunziata, Mike Colle, Alejandra Bravo and Josh Matlow	3-03	Aileen Ave, Allenvale Ave, Amherst Ave, Bansley Ave, Bert Robinson Park Bicknell Ave, Blackthorn Ave, Blandford St, Bowie Ave, Branstone Rd, Caledonia Rd, Castlefield Ave, Chambers Ave, Chamberlain Ave, Chudleigh Rd, Clarkson Ave, Claybrooke St, Commodore Ave, Croham Rd, Dufferin St, Dunraven Dr, Dynevor Rd, Earls court Ave, Earlsda;e Ave, Eglinton Ave W, Eleanor Ave, Ennerdale Rd, Fairbank Ave, Fairbank Park, Failsworth Ave, Forbes Ave, Genessee Ave, Gilbert Ave, Glenhaven St., Glenholme Ave, Hanson Rd, Harlow Ave, Harvie Ave, Hatherley Rd, Haverson Blvd, Holmesdale Cres, Holmesdale Rd, Kane Ave, Keele St., Keelsdale Park, Keith Ave, Kenora Cres, Kersdale Ave, Keywest Ave, Kincort St, Kirknewton Rd, Kitchener Ave, Landour Ave, Lauder Ave, Lavender Rd, Lester Ave, Little Blvd, Livingstone Ave, Martin St, McRoberts Ave, Miranda Ave, Montcalm Ave, Nairn Ave, Nashville Ave, Northcliffe Blvd, O'Leary Ave, Oakwood Ave, Onslow Cres, Prescott Ave, Ramsden Rd, Redhill Ave, Regent St, Rochdale Ave, Rogers Rd, Ronald Ave, Rosethorn Ave, Rowntree Ave, Sanderstead Ave, Scott Rd, Sellers Ave, Silverthorn Ave, Snider Ave, Summit Ave, Teignmouth Ave, Thornton Ave, Tretheway Dr, Vaughan Rd, Venn Cres, Westbury Cres, Westmount Ave, Woodborough Ave, Woodcroft Cres	News Sanitary Sewers, New Storm Sewers, Storm Sewer Replacement, Combined Sewer Replacement, Storm Storage, Inlet Control Devices, High-Capacity Inlets
6	Councillor James Pasternak	15-10	Dana Ave, Redfern Ave, Richard Clark Dr, Tumpane St, Westcliffe Rd, William Cragg Dr	Storm Sewer Replacement, Inlet Control Devices, Green Infrastructure
6	Councillor James Pasternak	19-03	Edinburgh Dr, Westgate Blvd	Sanitary Sewer Replacement, Storm Sewer Replacement
6	Councillor James Pasternak	19-06	Billy Bishop Way Ellison Ave, Garratt Blvd, Joel Swirsky Blvd, Tillingham Keep, Timberlane Dr, Westgate Blvd, Wilson Ave	Sanitary Sewer Replacement, Sanitary Storage
6	Councillor James Pasternak	19-07	Brett Ave, Faywood Blvd, King High Ave, Laurelcrest Ave, Palm Dr	Sanitary Sewer Replacement, Inlet Control Devices
6 / 7	Councillors James Pasternak	15-13	Black Creek Trl, Chalkfarm Dr, Easement, Exbury Rd, Jane St, Marlinton Cres, Monclova Rd, Neames Cres, Peacham Cres, Rabton Crt	Sanitary Sewer Replacement, Storm Sewer Replacement, New Storm Sewer, Inlet Control Devices

Ward	Councillor	Project #	Location	Project Description
	and Anthony Perruzza			
6	Councillor James Pasternak	19-16	Banton Rd, Bathurst St., Bonnacrod Dr, Clanton Park Rd, Clanton Park Trail, Collinson Blvd, Delia Crt, Erica Ave, Laurelcrest Ave, Midvale Rd, Palm Dr, Raeburn Ave, Romney Rd	Sanitary Sewer Replacement, Storm Sewer Replacement, Inlet Control Devices
6	Councillor James Pasternak	19-21	Almore Ave, Faywood Blvd, Kainona Ave	Storm Sewer Replacement, Inlet Control Devices
6	Councillor James Pasternak	19-15	Brighton Ave, Codsell Ave, Backyard Hove St, Waterloo Ave, Wild Gingerway	Storm Sewer Replacement, Inlet Control Devices, High-Capacity Inlets
15	Councillor Jaye Robinson	2-10	Bennington Heights Dr, Brendan Rd, Burnham Rd, Heath St E, Lumley Ave, Moorehill Dr	Sanitary Sewer Replacement, Storm Sewer Replacement
16	Councillor Jon Burnside	21-03	Greenland Rd, Plateau Cres	Storm Sewer Replacement, Oil and Grit Separator
16	Councillor Jon Burnside	21-08	Farmcote Rd, Hermit Crt, Swiftdale Pl, Yewfield Cres	Sanitary Sewer Replacement, New Storm Sewer, Storm Sewer Replacement, Biofiltration
16	Councillor Jon Burnside	23-01	Baltray Cres, Billington Cres, Fortrose Cres, Marbury Cres, Roywood Dr, Skelmore Cres	Storm Sewer Replacement, Inlet Control Devices, High-Capacity Inlets
16	Councillor Jon Burnside	23-02	Evermede Dr, Fenside Dr, Ness Dr, Roywood Dr, Sandover Dr, Slidell Cres, Versend Dr, York Mills Rd	Storm Sewer Replacement, Inlet Control Devices, High-Capacity Inlets, Oil and Grit Separators
16	Councillor Jon Burnside	23-03	Clayland Dr, Dukinfield Cres, Lynedock Cres, Roywood Dr, Sandover Dr	Storm Sewer Replacement, New Storm Sewer, Oil and Grit Separator
16	Councillor Jon Burnside	23-07	Brookbanks Dr, Hockley Pl, Truxford Rd, Wallingford Rd	Storm Sewer Replacement, Inlet Control Devices, High-Capacity Inlets, Green Infrastructure
16	Councillor Jon Burnside	23-09	Brookbanks Dr, Brushwood Crt, Overbank Cres	Storm Sewer Replacement, Inlet Control Devices, Green Infrastructure
17	Councillor Shelley Carroll	30-17	Bowhill Cres, Brian Dr, Clematis Rd, Clipper Rd, Consumers Rd, Endsleigh Cres, Flintwood Crt, Hazelnut Cres, Kamloops Dr, Margaret Ave, Pindar Cres, Pleasant View Dr, Pondsview Dr, Snapdragon Dr, Wilkinson Dr	Storm Sewer Replacement, High-Capacity Inlets
17 / 18	Councillors Shelley Carroll and Lily Cheng	27-05	Elmwood Ave, Estelle Ave, Foxwarren Dr, Hawskbury Dr, Millgate Cres	Sanitary Sewer Replacement, Storm Sewer Replacement, Inlet Control Devices, Green Infrastructure
18	Councillor Lily Cheng	24-02	Christine Cres, Cloebury Crt, Dromore Cres, Finchurst Dr, Fleetwell Crt, Park Home Ave, Stafford Park Trl, Stafford Rd, Wallbridge Crt, Yorkview Dr	Sanitary Sewer Replacement, Storm Sewer Replacement, Inlet Control Devices, Green Infrastructure
18	Councillor Lily Cheng	26-02	Finch Ave W,	Sanitary Sewer Replacement
18	Councillor Lily Cheng	26-03	Altamount Rd, Finch Ave W	Storm Sewer Replacement, Sanitary Sewer Replacement, High-Capacity Inlets

Ward	Councillor	Project #	Location	Project Description
18	Councillor Lily Cheng	26-08	Ellerslie Ave, Holcolm Rd, Hounslow Ave, Tamworth Rd	Sanitary Sewer Replacement, Green Infrastructure
18	Councillor Lily Cheng	27-03	Byng Ave, Wedgeport Pl, Wilfred Ave	Storm Sewer Replacement, Sanitary Sewer Replacement, High-Capacity Inlets, Green Infrastructure
19	Councillor Brad Bradford	1-01A	O'Connor Dr	Storm Sewer Replacement
19	Councillor Brad Bradford	1-02	Bermondsey Rd, O Connor Dr	Storm Sewer Replacement, Green Infrastructure

2024 - Year 1 Projects

Projects with Completed Preliminary Design - Scheduled Construction Start Year of 2024

Ward	Councillor	Project #	Location	Project Description
1	Councillor Vincent Crisanti	39-10	Gosfield St, Islington Ave, Pakenham Dr	Storm Sewer Replacement
1	Councillor Vincent Crisanti	39-11	Deeside Crt, Norfield Cres, Shendale Dr	Storm Sewer Replacement, Sanitary Sewer Replacement, Inlet Control Devices
1	Councillor Vincent Crisanti	39-13	Ringway Cres	Storm Sewer Replacement, High-Capacity Inlets
2	Councillor Stephen Holyday	36-03	Chapman Rd, Craig Alan Crt, Drury Lane, Griggsden Ave, Matane Crt, Munhall Rd, Pagebrook Dr, Renault Cres, Ridgemount Rd, Westmount Park Rd	Storm Sewer Replacement, Sanitary Sewer Replacement, Inlet Control Device, High-Capacity Inlet
2	Councillor Stephen Holyday	36-17	Fenley Dr, Poynter Dr, Stapleton Dr	Storm Sewer Replacement
2	Councillor Stephen Holyday	41-03	Appleby Crt, Cowley Ave, Lorraine Gdns, Martin Grove Rd	New Sanitary Sewers, Sanitary Sewer Replacement, Storm Sewer Replacement, High-Capacity Inlets
2	Councillor Stephen Holyday	41-06	Beckwith Rd, Belgate Pl, Courtwright Rd, Gentian Dr, Hartland Rd, Odessa Ave, Rangoon Rd, Sigmont Rd, Wellesworth Dr	New Storm Sewers, Storm Sewer Replacement, High-Capacity Inlets, Inlet Control Devices, Green Infrastructure
5	Councillor Frances Nunziata	36-01	Saxony Cres	New Storm Sewer, Storm Sewer Replacement
5	Councillor Frances Nunziata	36-06	The Westway, Trio Ave	Storm Sewer Replacement
5	Councillor Frances Nunziata	36-09	Humber Creek Trl E	Storm Sewer Replacement, New Storm Sewer
5	Councillor Frances Nunziata	36-11	Humber Creek Trl E, McManus Rd	Storm Sewer Replacement
8	Councillor Mike Colle	16-45	Easement, Glencairn Ave, Tycos Dr	Sanitary Sewer Replacement

Ward	Councillor	Project #	Location	Project Description
19	Councillor Brad Bradford	1-01C	Amsterdam Ave, Furnival Rd, Glenburn Ave, Joanith Dr, Merritt Rd, Peard Rd, Squires Ave, St Clair Ave E, Topham Rd, Valor Blvd, Westview Blvd	New Storm Sewer, Storm Sewer Replacement

2025 - Year 2 Projects

Projects with Completed Preliminary Design - Targeted Construction Start Year of 2025

Ward	Councillor	Project #	Location	Project Description
2	Councillor Stephen Holyday	36-18	Abner Pl, Bethwin Pl, Brampton Rd, Brougham Dr, Celestine Dr, Fulford Pl, Holywell Dr, Jardine Pl, Kilburn Pl, Kipling Ave, Ladbroke Rd, Learmont Dr, Mitre Pl, Moline Dr, Nugent Rd, Pettit Dr, Powburn Pl, Shadwick Dr, Shipley Rd, Tapley Dr, Templar Dr, Thelmere Pl, Tyler Pl, The Westway, Wincott Dr,	Storm Sewer Replacement, New Storm Sewer, New Sanitary Sewer, Inlet Control Devices
2	Councillor Stephen Holyday	36-19	Arkley Cres, Breadner Dr, Celestine Dr, Dixon Rd, Feller Rd, Kipling Ave, Ludstone Dr, Sabrina Dr, Vicarage Crt	New Storm Sewers, Storm Sewer Replacement, Inlet Control Device, High-Capacity Inlets, Oil and Grit Separator
8	Councillor Mike Colle	17-15	Chaplin Cres, Dalemout Ave, Englemount Ave, Glen Park Ave, Glencairn Ave, Hillhurst Blvd, Hillmount Ave, Lawrence Ave W, Prue Ave, Shermount Ave, Viewmount Ave	Sanitary Sewer Replacement, New Sanitary Sewer, Storm Sewer Replacement, Storm Storage, High-Capacity Inlets, Green Infrastructure
8	Councillor Mike Colle	40-11	Avenue Rd, Brooke Ave, Carmichael Ave, Esgore Dr, Haddington Ave, Jaaney Pl, Joicey Blvd, Kelso Ave, McGillivray Ave, Roe Ave	New Storm Sewer, Storm Sewer Upgrade, Sanitary Sewer Upgrade, Storm Sewer Storage Tank, Inlet Control Devices, High-Capacity Inlets

2026, 2027 & 2028 - Year 3, 4 & 5 Projects

Projects with Completed Preliminary Design - Targeted Construction Start in 2026, 2027 & 2028

Ward	Councillor	Project #	Location	Project Description
1	Councillor Vincent Crisanti	39-03	Bairstow Cres, Braddock Rd, Jeffcoat Dr, Kearney Dr, Martin Grove Rd, Mercury Rd, Porterfield Rd, Rosefair Cres	Storm Sewer Replacement, Inlet Control Devices, High-Capacity Inlets
1	Councillor Vincent Crisanti	39-04	Billcar Rd, Dittmer Cres, Jeffcoat Dr, Porterfield Rd	Storm Sewer Replacement, Inlet Control Devices, High-Capacity Inlets
1	Councillor Vincent Crisanti	39-07	Barrhead Cres, Clearbrooke Crcl, Coolhurst Dr, Coppermill Dr, Redcliff Blvd	Storm Sewer Replacement, Inlet Control Devices, High-Capacity Inlets
1	Councillor Vincent Crisanti	39-08	Benway Dr, Clearbrooke Crcl, Cricklewood Rd, Frost St, Hardisty Dr, Redwater Dr, Stavely Cres	Storm Sewer Replacement, Sanitary Sewer Replacement, Inlet Control Devices, High-Capacity Inlets
2	Councillor Stephen Holyday	38-09	Bloordale Park South, Bridgetown Dr, Renforth Dr, Seclove Dr, Toledo Rd	Storm Sewer Replacements, New Storm Sewers
2	Councillor Stephen Holyday	38-10	Neilor Cres, Neilson Dr, The Queensway, The Westmall	Storm Sewer Replacements, Inlet Control Devices

Ward	Councillor	Project #	Location	Project Description
2	Councillor Stephen Holyday	38-11	Baskerville Cres, Koos Rd, Radway Ave, Rayside Dr	Storm Sewer Replacements, Sanitary Sewer Replacements, Inlet Control Devices
2	Councillor Stephen Holyday	38-12	The West Mall	Storm Sewer Replacements
2	Councillor Stephen Holyday	38-22	Neilson Dr, Radway Ave, Rickshaw Ave, Steveharris Dr, Wellesworth Dr	Storm Sewer Replacements, High-Capacity Inlets
3	Councillor Amber Morley	38-15	Ecker Dr, Etobicoke Trail E, Etobicoke Valley Park, Hargrove Ln, Savona Dr, Westhead Rd	Sanitary Sewer Replacement, Storm Sewer Replacements, Inlet Control Devices
3	Councillor Amber Morley	38-16	Delma Dr, Dunning Cres, Gair Dr, Fulham Dr, Highbury Dr, Horner Ave, Mitcham Dr, Stephney Dr, Westhead Rd	Sanitary Sewer Replacements, Storm Sewer Replacements
3	Councillor Amber Morley	38-17	Albright Ave, Avalon Rd, Eltham Dr, Evans Ave, Finsbury Cres, Foch Ave, Gort Ave, Horner Ave, Jellicoe Ave, Orianna Dr, Woodbury Rd	Sanitary Sewer Replacements, Storm Sewer Replacements, Inlet Control Devices
20	Councillor Parthi Kandavel	34-01	Audrey Ave, Blantyre Ave, Clonmore Dr, Coalport Dr, Cornell Ave, East Rd, Fallingbrook Rd, Gerrard St E, Kenny Ave, Kingston Rd, Linton Ave, Queensbury Ave, Red Deer Ave, Swanwick Ave, Winston Ave	New Storm Sewer, Storm Sewer Replacement, New Combined Sewer, Combined Sewer Replacement
20	Councillor Parthi Kandavel	34-02	Byng Ave, Danforth Ave, Denton Ave, Elward Blvd, Kenworthy Ave, Leyton Ave, Mansion Ave, Patterson Ave, Thora Ave	Sanitary Sewer Replacement, New Storm Sewer, Storm Sewer Replacement
20	Councillor Parthi Kandavel	34-03	Danforth Rd, Mack Ave, Mystic Ave	New Storm Sewer, Storm Sewer Replacement
20	Councillor Parthi Kandavel	34-05	Danforth Rd, Dunlop Ave, Glasgow Ave, Kennedy Rd, Kilmarnock Ave, Marsh Rd, Moira Ave, North Bonnington Ave, North Woodrow Blvd, Raleigh Ave, Silvio Ave, Zenith Dr	Sanitary Sewer Replacement, New Storm Sewer, Storm Sewer Replacement
20	Councillor Parthi Kandavel	34-11	Autumn Ave, Brenda Cres, Clela Dr, Hart Ave, Kennedy Rd, Linden Ave, Midland Ave, Roebuck Dr, St. Clair Ave E	New Storm Sewer, Storm Sewer Replacement

2026, 2027 & 2028 - Year 3, 4 & 5 Projects

Projects Undergoing Preliminary Design - Targeted Construction Start in 2026, 2027 & 2028

Ward	Councillor	Project #	Location	Project Description
15	Councillor Jaye Robinson	20-03	Bayview Ave, Hargrave Ave, Lawrence Ave E, Mildenhall Rd, Rochester Ave, St. Aubyn's Cres, Valleyanna Dr, Wood Ave	Sanitary Sewer Replacement, Inlet Control Devices

2026, 2027 & 2028 - Year 3, 4, & 5 Projects

Projects Planned for Preliminary Design - Targeted Construction Start in 2026, 2027 & 2028

Ward	Councillor	Project #	Location	Project Description
5	Councillor Frances Nunziata	45-48	Alliance Ave, Arnold Ave, Astoria Ave, Barr Ave, Bayliss Ave, Beechwood Ave, Black Creek Dr, Black Creek Site, Brownville Ave, Bushey Ave, Caesar Ave, Cashman Cres, Chryessa Ave, Cliff St, Cobalt St, Cordella Ave, Deakin Ave, Dennis Ave, Easement, Elhurst Crt, Glenvalley Dr, Grandville Ave, Gray Ave, Greendale Ave, Guestville Ave, Hector Ave, Homer Ave, Humber Blvd, Industry St, Lambton Ave, Mahoney Ave, Marshall Blvd, Nickle St, Outlook Ave, Pearen St, Ray Ave, Rockcliffe Blvd, Ruthven Pl, Sedan Ave, Syndicate Ave, Teston Blvd, Todd Baylis Blvd, Victoria Blvd, Weston Rd, York Ave	Sanitary Sewer Replacement, Storm Sewer Replacement, Grading Improvements, High-Capacity Inlets, Stormwater Storage, New Outfall, New Pumping Station, New Storm Sewers, New Sanitary Sewers, Road Re-grading