

Funding Account	Project Name	2018 Year End Balance (Carried forward to 2019)	2019 Approved Capital Funding	Other Funding	2019 Proposed Budget incl. Forecasted DMAF Funding	Status	2019 Project Details
	Valley Erosion Hazards using Critical Erosion and Floodworks Funding	(\$18,000)	(\$3,500,000)	(\$116,000) Private Landowner Contributions in accordance with the Private Landowner Contribution Policy (approved January 2017)	\$5.13 million	-	<ul style="list-style-type: none"> See information by subproject in italics below
PROGRAM MANAGEMENT / EROSION HAZARD MONITORING / MINOR WORKS							
	<i>Program management, erosion hazard monitoring, legal support (multiple Wards)</i>			-	\$160,000	Annual	<ul style="list-style-type: none"> General program management Annual re-inspection of participating properties (400+ erosion hazard sites) (shared cost with other accounts) Stream, Erosion, and Infrastructure Database Development
	<i>Minor and proactive works (multiple wards, varied scope of work)</i>			-	\$160,000	Annual	<ul style="list-style-type: none"> Minor and proactive works such as downspout extensions/redirections, removal of unstable structures, regrading, plantings, and other undertakings to prevent erosion damage from lower ranking sites Approximate allocation of 3% of 2019 Capital Levy Planning and design activities incl. development of detailed designs for Shendale Drive through 2019 pending confirmation of interest from landowners Finalization of detailed designs for 70 Meadowcliffe Drive; Construction to proceed late 2019 pending receipt of all permits and approvals
VALLEY EROSION HAZARDS PROJECTS							
133-01	<i>RSD14-03: Phase 2 Detailed Assessments</i>			-	\$600,000	Ongoing from 2014	<ul style="list-style-type: none"> Funding for Erosion Studies and Analysis staff to administer a Master Slope Stability and Erosion Risk Assessment contract to support detailed ranking of erosion hazard sites through the Erosion Risk Management Program Includes funding for planning and design activities for the Hudson Drive Erosion Control and Slope Stabilization Project with partial construction forecasted in late 2019
	<i>Black Creek in Downsview Dells between 2 Jennifer Court – 111 Whitburn Crescent - Multi-use Trail Connection Project (Ward 9)</i>			-	\$550,000	Ongoing from 2014	<ul style="list-style-type: none"> Construction of an AODA compliant multi-use trail from Keele Street East to Downsview Dells Park on behalf of the City of Toronto Final construction activities to include restoration of entire site incl. conversion of the machine access road to a multi-use trail connection with funding from the City of Toronto. Works to commence in Summer 2019 and will include repaving of parking lot and resolving swale deficiencies
	<i>Humber River between 1 Katrine Road and 5 Riverhead Drive Erosion Control and Slope Stabilization Works (Ward 2)</i>			-	\$10,000	Ongoing from 2014	<ul style="list-style-type: none"> Registration of outstanding land conveyances Minor site restoration works incl. installation of new fencing and p-gates from construction disturbances in 2016
	<i>5 Old Yonge incl 14 – 16 Brookfield Road Erosion Control and Slope Stabilization Project (Ward 25)</i>			(\$40,000)	\$5,000	Ongoing from 2014	<ul style="list-style-type: none"> Partial financial contribution from private landowner for works completed in 2016 (Total contribution of \$206k anticipated to be received by 2020) Registration of outstanding land restrictions and ongoing negotiations with landowners
	<i>1025 Scarlett Road Erosion Control and Slope Stabilization Project (Phase 1 & 2) (Ward 2)</i>			-	\$150,000	Ongoing from 2015	<ul style="list-style-type: none"> Phase 1 construction works complete Implementation of Phase 2 works to be completed through 2019 and includes relocation of existing structures at top of slope away from the long-term stable slope crest and restoration of disturbed areas

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	Black Creek Tributary between Appletree Court and Seeley Drive Erosion Control and Slope Stabilization Project ('Phase 1 & 2') (Ward 9)			-	\$70,000	Ongoing from 2015	<ul style="list-style-type: none"> Construction of Phase 1 completed in 2018 Planning activities will include filing the Phase 2 Class Environmental Assessment (Class EA) Project Plan for the 30-day review period, selection of a preferred alternative, and securing necessary permits and approvals to proceed with Phase 2 Development of detailed designs to stabilize the remainder of the degraded channel and to protect the City of Toronto sanitary sewer infrastructure to be finalized through 2019
	19 – 25 Ridgeway Crescent Erosion Control and Slope Stabilization Project (Ward 5)			-	\$350,000	Ongoing from 2015	<ul style="list-style-type: none"> Planning and design activities including filing Class EA Project Plan for 30-day review period to identify preferred alternative, securing permits and approvals & finalization of detailed designs Construction of preferred alternative to proceed in Fall 2019 to provide long term protection for four (4) residential properties at the top of slope
	19 – 31 Ridge Point Crescent Slope Stabilization Project (Ward 12)			-	\$100,000	Ongoing from 2015	<ul style="list-style-type: none"> Detailed designs to be finalized through 2019 Planning activities including filing Class EA Project Plan for 30-day review period and securing permits and approvals Construction of preferred alternative to proceed in late 2019 pending to provide long term protection for seven (7) residential properties at the top of slope
	22 – 24 Bucksburn Road Slope Stabilization Project			-	\$150,000	Ongoing from 2015	<ul style="list-style-type: none"> Detailed designs to be finalized through 2019 Slope regrading and toe protection to be started in Fall 2019 pending finalization of detailed designs and receipt of necessary permits and approvals
	30 Northline Road Erosion Control and Slope Stabilization Project (Ward 31)			-	\$100,000	Ongoing from 2015	<ul style="list-style-type: none"> Detailed design of preferred alternative to be finalized through 2019 Planning activities will include filing the Class EA Project Plan for the 30-day review period to identify preferred alternative and securing permits and approvals Potential to begin construction of preferred alternative in late 2019, pending availability of funding and receipt of all necessary permits and approvals for the protection of a City of Toronto Municipal Works Yard at the top of slope
	37 – 39 Topcliff Avenue Erosion Control and Slope Stabilization Project			-	\$70,000	Ongoing from 2014	<ul style="list-style-type: none"> Slope stability and erosion risk assessment and development of conceptual alternatives to be completed through 2019 Planning activities will include collecting baseline data and initiating the Class EA process Development of detailed design for preferred alternative to proceed in 2020
	Yellow Creek near Heath Street East Erosion Control and Slope Stabilization Project (Ward 27) & Yellow Creek Interim Works Project in the Vale of Avoca Ravine			-	\$500,000	Ongoing from 2016	<ul style="list-style-type: none"> Development of detailed designs for interim works within the channel through 2019 Select sites within the Vale of Avoca ravine and David A. Balfour Park (TBD) are potential candidates for emergency works (TBD) Planning activities to include initiating a Municipal Class EA to identify preferred alternative and securing necessary permits and approvals Construction anticipated to proceed in 2019 pending available funding and receipt of necessary permits and approvals
	11 – 53 Storer Drive & 98 – 104 Windhill Crescent (Ward 7)					Ongoing from 2015	<ul style="list-style-type: none"> Slope stability and erosion risk assessment completed in 2017 with confirmed risk to one property Landowner negotiations to evaluate interest in proceeding with planning process for remedial works

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							<ul style="list-style-type: none"> Planning activities to include circulating final report with landowners with potential to proceed with development of detailed design (pending outcome of landowner negotiations)
	251 – 257 Burbank Drive Slope Stabilization Project			-	\$50,000	Ongoing from 2018	<ul style="list-style-type: none"> Planning activities to include development of detailed designs through 2019 to provide long term stabilization for four (4) properties at the top of slope
	30 – 36 Rose Park Crescent Slope Stabilization Project (Ward 27)			(\$75,000)	\$800,000	Ongoing from 2017 (May severe rainfall event)	<ul style="list-style-type: none"> 25% of financial contribution received from private landowners of total \$300k Development of tender specifications to inform selection of preferred alternative through 2019 Development and implementation of detailed design using a Design-Build team; Construction to proceed in fall 2019 Construction of preferred alternative to commence in Fall 2019, pending receipt of all necessary permits and approvals File Emergency Works Report
	East Don River behind 73 – 95 Clarinda Drive Erosion Control and Slope Stabilization Project (Ward 24)			-	\$40,000	Ongoing from 2015	<ul style="list-style-type: none"> Planning activities to include filing Class EA Project Plan for 30-day review period, selection of preferred alternative, and securing all necessary permits and approvals Detailed design to be finalized through 2019 Potential to proceed to construction in late 2019 if there are delays in other VEH projects scheduled for construction in 2019 (pending finalization of detail design, receipt of necessary permits and approvals)
	219 – 226 Roslin Avenue Erosion Control and Slope Stabilization Project (Ward 25)			-	\$40,000	Ongoing from 2015	<ul style="list-style-type: none"> Planning activities to include filing of Class EA Project Plan for 30-day review, selection of preferred alternative, and securing necessary permits and approvals Detailed design activities to be started in 2019 Construction of preferred alternative anticipated to proceed in 2020
	Kevi Lane and Rathburn Road Slope Stabilization Project (Ward 3)			-	\$40,000	Ongoing from 2017	<ul style="list-style-type: none"> Detailed design to be finalized through 2019 Planning activities to include filing Class EA Project Plan for 30-day review period, selection of preferred alternative, and securing necessary permits and approvals Construction of preferred alternative anticipated to proceed in 2020
	21 – 24 Disan Court Erosion Control and Slope Stabilization Project (Ward 1)			-	\$10,000	Ongoing from 2016	<ul style="list-style-type: none"> Construction of a Sienna Stone retaining wall and protection of adjacent City of Toronto stormwater infrastructure completed in 2018 Registration of outstanding land conveyances Minor restoration activities to be completed in 2019 incl. repair of a paved driveway
	Eldorado Court, Grandravine Drive, and Ladyshot Crescent Slope Stability and Erosion Risk Assessment (Ward 9)			-	\$80,000	Ongoing from 2015	<ul style="list-style-type: none"> Previously titled the 7 – 17 Eldorado Court Slope Stabilization Project; Project area expanded to include additional slope-adjacent properties behind Northwood Park Slope stability and erosion risk assessment for up to 45 properties and development of conceptual alternatives to be completed through 2019 Collection of baseline data as required

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	21 – 25 Peacham Crescent Slope Stabilization Project (Ward 9)			-	\$50,000	Ongoing from 2015	<ul style="list-style-type: none"> File Class EA Project Plan for 30-day review period Detailed design to be finalized through 2019 Potential to proceed to construction in late 2019 if there are delays in other VEH projects scheduled for construction in 2019 (pending finalization of detail design, receipt of necessary permits and approvals)
	Black Creek at Rockcliffe Road Remediation & Design			-	\$505,000	Ongoing from 2018	<ul style="list-style-type: none"> Planning and design activities to continue through 2019
	St. Andrew's Cemetery Slope Stabilization Project			-	\$150,000	Ongoing from 2018	<ul style="list-style-type: none"> Slope stability and erosion risk assessment to be completed through 2019 to confirm risk to cemetery Development of conceptual alternatives to be completed through 2019 upon confirmation of extent of risk to site Implementation of remedial works anticipated to proceed in 2020
	58 Bexley Crescent Slope Stabilization Project			-	\$40,000	Ongoing from 2015	<ul style="list-style-type: none"> Initiation of Class EA and baseline data collection Development of conceptual alternatives to be completed through 2019 to provide long term protection for one (1) residential property at the top of slope
	23 Brixham Terrace Drainage and Slope Stabilization Project (Ward 9)			-	\$300,000	Ongoing from 2015	<ul style="list-style-type: none"> Detailed design of grass swale finalized in 2018 Construction underway since Spring 2019 and will include formalization of swale channel, check dams, and protection to channel outlet and stormwater outfall All restoration works to be completed in 2019
	Bartley Drive Geomorphic Assessment			-	\$30,000	Started in 2019	<ul style="list-style-type: none"> Planning activities including completion of a geomorphic assessment for the surrounding project area Detailed design activities to be undertaken based on extent of risk identified in the geomorphic assessment