

Appendix III
2020 Capital Performance and Impact on Capital Reserves and Reserve Funds

Status of Top 25 Capital Projects with Gross Remaining Budget - Regionally Controlled Program (\$'000)								
Service	Project	Description	Stage	Gross Revised Budget	Gross Project Actuals	Gross Remaining Budget	% of Budget Expended	Project Status Update/Comments
Housing Supply	195037	Chelsea Gardens - Housing Master Plan	Planning	\$77,000	\$0	\$77,000	0%	<p>Project Scope: The proposed 200 unit project is to be constructed on Peel Housing Corporation's 4 and 10 Knightsbridge Road property, known as Chelsea Gardens. This project falls within the Region's Housing Master Plan funding envelope.</p> <p>Project Status: On Track - Work is currently underway to conduct an environmental assessment and a geotechnical investigation of the site; working with Purchasing to issue a Request for Quotation to secure a planning/design consultant to begin the planning approvals process (Official Plan Amendment and Zoning By-Law Amendment)</p> <p>Project Budget: On Budget</p>
Housing Supply	175033	East Avenue - Housing Master Plan	Planning	\$54,911	\$7,738	\$47,173	14%	<p>Project Scope: The Region is providing a forgivable loan to Peel Housing Corporation in the amount of \$42M, for a portion of the total \$55M project. This project falls within the Housing Master Plan funding envelope. This development has also been identified as a "Pacesetter" project through the Region's Office of Climate Change and Energy Management (OCCEM).</p> <p>Project Status: On Track - Comments received through the Official Plan Amendment and Rezoning application process including a public meeting that took place in January 2021 will result in changes to the design. Housing Development Office staff and its external consulting team are working on those pieces to address comments received through the planning process. The prequalification process and issuance of the Request for Proposal to secure a design-build contractor is expected to take place in the second quarter of 2021. Increases are anticipated as a result of performance targets and measure required through Canada Mortgage and Housing Corporation's (CMHC) funding program and changes through the "Pacesetter" initiative.</p> <p>Project Budget: On Budget</p>

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Housing Supply	195036	Brightwater - Housing Master Plan	Design	\$55,000	\$12,672	\$42,328	23%	<p>Project Scope: The proposed, 7-storey 150 unit project is to be constructed on the former Imperial Oil Lands site in south Mississauga. This project falls within the Region's Housing Master Plan funding envelope.</p> <p>Project Status: On Track - The Region of Peel finalized and received Council approval to enter into a direct negotiation, Turnkey Construction Contract with FRAM Construction Ltd. (Dec. 10, 2020 Council) to design and build the affordable housing project including the transfer of the land component at completion of the project. Housing Development Office staff are currently working with FRAM Construction Ltd and their consultants to complete the design for the building.</p> <p>Project Budget: On Budget</p>
Housing Supply	195031	PL - Provider Capital Loan	Construction	\$53,730	\$33,470	\$20,260	62%	<p>Project Scope: Funding for Peel Living applications under Capital Infrastructure Repayable Loan approved by Service Manager</p> <p>Project Status: On Track - 2020 total spending (Net of repayment) is \$7.79M.</p> <p>Project Budget: On Budget</p>
Long Term Care	175402	Peel Manor Site Redevelopment	Construction	\$132,325	\$48,661	\$83,664	37%	<p>Project Scope: Redeveloping Peel Manor Home with a new building including expanded Hub services.</p> <p>Project Status: Delayed – Construction schedule continues to be impacted by COVID-19 pandemic. The revised substantial completion is expected in Q1 2022. Abatement, demolition, and the balance of the site works are still on track for a Q4 2022 completion.</p> <p>Project Budget: On Budget</p>

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Roads & Transportation	104040	Mississauga Road - Bovaird Drive	Design	\$78,676	\$14,077	\$64,599	18%	<p>Project Scope: Widening of Mississauga Road from 2 to 6 lanes from Bovaird to Sandalwood and from 2 to 4 lanes from Sandalwood to Mayfield, including new Canadian National Rail grade separation overpass and new bridge over the Huttonville Creek. Project will service ongoing development north of Bovaird and a corresponding increase in traffic, exceeding capacity of existing infrastructure.</p> <p>Project Status: On Track - Approaching 100% design with utility relocation ongoing until spring 2021. Roadway construction is anticipated to start in late 2021 and last three years. There are potential schedule delay risks due to complex property expropriations, reliance on project partner CN Rail, and timelines related to federally regulated pipeline crossing permits with TransCanada Energy and Enbridge, as well as federally regulated communications infrastructure relocation by Bell360 networks.</p> <p>Project Budget: On Budget</p>
Roads & Transportation	114080	Highway 50 - 600 Metres South	Design	\$29,558	\$1,216	\$28,342	4%	<p>Project Scope: 4 to 6 lane widening of Regional Road 50 from Castlemore Road to Mayfield Road and the 2 to 4 lane widening of Mayfield Road from Regional Road 50 to Coleraine, including a roundabout at the intersection of Mayfield Road and Pillsworth Road. Project will service ongoing development along Highway 50, north of Castlemore Road and on Mayfield Road, west of Highway 50 and a corresponding increase in traffic that would exceed capacity of existing infrastructure.</p> <p>Project Status: Delayed - detailed design was delayed due to: (1) The Highway 427 extension and widening of Major Mackenzie Drive, which will be constructed by York Region ahead of the Region's Highway 50 project and requires a redesign of the intersection of Major Mackenzie and Highway 50 to accommodate temporary conditions, and (2) Special Policy 47 (SP47) Environmental Assessment (currently underway and led by the City of Brampton), which could potentially impact Regional Road 50. Detailed design will resume once the temporary works are complete and the outcome of the SP47 EA Study has been determined. Regional construction is anticipated to start in late 2023/ early 2024 and will last 3-4 years. There is a risk of further delay of the SP47 EA; the outcomes of this EA are needed to+J13 inform design of the highway 50 road widening project.</p> <p>Project Budget: On Budget</p>

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Roads & Transportation	114075	Mayfield Rd- Airport Road to The Gore Road	Design	\$40,000	\$18,528	\$21,472	46%	<p>Project Scope: Mayfield Road Widening from 2 to 5 lanes from Airport Road to The Gore Road and The Gore Road Widening from 2 to 4 lanes from 240m North of Mayfield Rd to Squire Ellis. Project will service ongoing development north of Bovaird which will generate a corresponding increase in traffic, exceeding capacity of existing infrastructure.</p> <p>Project Status: Delayed - due to challenges in property acquisition. Property Acquisition is anticipated to be completed by end of 2021, utility reallocations in 2022 and road widening construction in 2023 to 2024.</p> <p>Project Budget: On Budget</p>
Waste	166330	Anaerobic Digestion Facility	Procurement RFP/RFQ	\$113,339	\$3,655	\$109,684	3%	<p>Project Scope: Design, Build, Operate and Maintain contract to develop an organics processing facility to manage the Region's green cart organics for a period of 15-20 years.</p> <p>Project Status: On Track - Preferred Proponent along with a contract award to be presented to Council July, 2021. Construction to begin in 2023. Facility is expected to be operational by end of 2025.</p> <p>Project Budget: On Budget</p>
Wastewater	162291	East-to-West Diversion Sanitary	Construction	\$217,420	\$12,479	\$204,941	6%	<p>Project Scope: Construction of a 2400-mm sanitary flow diversion sewer from the East Trunk System to the West Trunk System.</p> <p>Project Status: On Track- Contract 1 (Dixie to Mavis Road) has been awarded and construction is in progress. Contract 2 (Hwy 401 to Mavis and Dixie to Spring Creek) is expected to be tendered in Spring/Summer 2021.</p> <p>Project Budget: On Budget</p>
Wastewater	192205	Lining of the West Sanitary Trunk	Design	\$40,000	\$46	\$39,954	0%	<p>Project Scope: Installation of a protective liner for the entire length of the new West Leg of the West Sanitary Trunk Sewer</p> <p>Project Status: On Track- The anticipated construction start date for the lining contract is Summer 2021, subject to acquisition of easements.</p> <p>Project Budget: On Budget</p>
Wastewater	162905	Sewage Pumping Station Rehabilitation	Construction	\$45,000	\$8,457	\$36,543	19%	<p>Project Scope: Rehabilitation, upgrade or replacement of sewage pumping stations in the lake-based wastewater collection system.</p> <p>Project Status: On Track - This is an envelope project with various projects for repairs and replacements at several pumping station locations in design and construction</p> <p>Project Budget: On Budget</p>

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Wastewater	112380	Downtown Brampton Sanitary Sewer	Design	\$35,955	\$794	\$35,161	2%	<p>Project Scope: Project was setup to coordinate Phase 1 of the Downtown Brampton Project with the City of Brampton which was subsequently put on hold. The scope of permanent Phase 1 work for Peel is still required.</p> <p>Project Status: On Track - Currently the program is proceeding with temporary water and wastewater works and temporary road improvements in the City of Brampton's Downtown core which was approved by Council on June 25th, 2020 (Resolution #2020-462).</p> <p>Project Budget: On Budget</p>
Wastewater	082205	West Trunk Sewer Twinning	Construction	\$208,901	\$163,598	\$45,303	78%	<p>Project Scope: To increase capacity of western trunk sanitary sewer system south of Highway 401.</p> <p>Project Status: On Track - Contract 1 (Hwy 401 to Burnhamthorpe Road) achieved substantial completion in June 2019. Contract 2 (Burnhamthorpe Road to Lincoln Green Close and Dundas Diversion Trunk) is under construction with an anticipated completion in fall 2021. The anticipated start date for the lining contract is summer 2021 subject to acquisition of easements. The anticipated construction start date for various diversion trunk sewers is fall 2024 - subject to completion of the Class Environmental Assessment and acquisition of easements.</p> <p>Project Budget: On Budget</p>
Wastewater	172926	G.E. Booth Water Pollution Control Plant - Replacement	Construction	\$94,000	\$52,494	\$41,506	56%	<p>Project Scope: Replacement of Plant 1 of the GE Booth Wastewater Treatment Plant.</p> <p>Project Status: On Track - Current contracts (Demolition and new storage and support buildings) in construction and scheduled for completion in 2021. Final contract (New Plant 1 and Odour Management Improvements) to be tendered in late 2021 and construction to start in spring/summer 2022.</p> <p>Project Budget: On Budget</p>
Wastewater	182252	Cawthra Road Sanitary Trunk Sewer	Construction	\$51,675	\$22,368	\$29,307	43%	<p>Project Scope: Three phases: Phase 1: Construction of sanitary sewer on Cawthra Rd. from Dundas St. to Bloor St. W, Phase 2: Construction of sanitary sewer on Cawthra Rd. from Bloor St. W to Burnhamthorpe Rd. and on adjacent streets, and Phase 3: Construction of sanitary sewer on Burnhamthorpe Rd. from Wilcox Rd. to the Little Etobicoke Creek Trunk Sewer and on adjacent streets.</p> <p>Project Status: On Track - Phase 1 is completed. Phase 2 is under construction with completion scheduled for Spring 2021. Phase 3 is ongoing with tender scheduled for the end of 2021.</p> <p>Project Budget: On Budget</p>

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Water Supply	141240	East Brampton Transmission Main	Design	\$173,800	\$5,471	\$168,329	3%	<p>Project Scope: Design, construct and commission a 1500mm diameter watermain and varying 1200mm-900mm diameter watermain in the City of Brampton. This project will consist of three construction tenders and is a joint project with 14-1257.</p> <p>Project Status: On Track - Contract 1 (Dixie Road from south of Williams to North Park) is anticipated to be tendered summer 2021 and Contract 2 (Beckett Sproule PS to Dixie Road, south of Williams Parkway) is anticipated to be tendered in late 2021 and completed in 2024. Contract 3 (Commissioning of Contract 1 & 2) will be the commissioning contract and is expected in 2024 upon completion of Contracts 1 & 2.</p> <p>Project Budget: On Budget</p>
Water Supply	141257	Central Brampton Sub-Transmission	Design	\$133,673	\$3,352	\$130,321	3%	<p>Project Scope: Design, construct and commission a 1500mm diameter watermain and varying 1200mm-900mm diameter watermain in the City of Brampton. This project will consist of three construction tenders and is a joint project with 14-1240.</p> <p>Project Status: On Track - Contract 1 (Dixie Road from south of Williams to North Park) is anticipated to be tendered summer 2021 and Contract 2 (Beckett Sproule PS to Dixie Road, south of Williams Parkway) is anticipated to be tendered in late 2021 and completed in 2024. Contract 3 (Commissioning of Contract 1 & 2) will be the commissioning contract and is expected in 2024 upon completion of Contracts 1 & 2.</p> <p>Project Budget: On Budget</p>
Water Supply	101210	Zone 6 Transmission Main	Construction	\$133,124	\$42,770	\$90,354	32%	<p>Project Scope: Construction of a transmission watermain on Heart Lake Road.</p> <p>Project Status: On Track - Phase 1 (Mayfield Road from Mississauga Road to Hurontario St) was as substantially completed in April 2017 under project 12-1186. Phase 2 (Heart Lake Road from Mayfield Road to Old School Road) was substantially complete in 2020. Phase 3 (Heart Lake Road from Old School Road to King St and along a mid block easement to the future Victoria Reservoir site) is in design and forecasted tender in late 2021.</p> <p>Project Budget: On Budget</p>

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Water Supply	101966	Zone 6 Reservoir	Procurement RFP/RFQ	\$67,819	\$7,934	\$59,885	12%	<p>Project Scope: Construction of a 40-million-litre reservoir in the vicinity of King Street and Hurontario Street to provide storage and fire flow for Pressure Zone 6.</p> <p>Project Status: On Track- Request for Proposal (RFP) is anticipated to be in Fall/Winter 2021 and Tender Award for Fall/Winter 2022.</p> <p>Project Budget: On Budget</p>
Water Supply	131125	1500mm Feedermain - Burnhamthorpe	Construction	\$133,699	\$78,413	\$55,286	59%	<p>Project Scope: Construction of watermain to improve water supply for projected growth in the Mississauga City Centre area.</p> <p>Project Status: On Track - Construction is ongoing. Work is anticipated to be substantially complete by Fall 2021.</p> <p>Project Budget: On Budget</p>
Water Supply	141256	Williams Parkway Sub-Transmission	Design	\$48,252	\$5,367	\$42,885	11%	<p>Project Scope: Design and construction of the West Brampton Feedermain (East Brampton Reservoir to West Brampton Reservoir).</p> <p>Project Status: Delayed - City of Brampton has cancelled the road widening of Williams Parkway. The planned combined tender with the City of Brampton is not feasible due to the traffic impacts. The consultant has started a redesign. Expected to complete design by mid 2022 and tender in late 2022.</p> <p>Project Budget: On Budget</p>
Water Supply	101205	Hanlan Transmission Main	Construction	\$396,118	\$356,337	\$39,782	90%	<p>Project Scope: Construction of Hanlan Transmission Watermain.</p> <p>Project Status: On Track - Construction was completed on transmission watermain and various other distribution watermain. Final contract (Construction of two interconnect chambers between the new and existing Hanlan transmission watermain) is in design with tender potentially to be released in Spring 2021.</p> <p>Project Budget: On Budget</p>
Water Supply	151973	Beckett Sproule Pumping Station	Design	\$38,590	\$5,237	\$33,353	14%	<p>Project Scope: Beckett Sproule Pumping Station Upgrades</p> <p>Project Status: On Track - Design tender is planned in early 2021. Construction of Contract 1 (New Surge Building and Re-Chlorination system) is expected in summer 2021.</p> <p>Contract 2 (New Reservoir Distribution Centre, reservoir upgrades and yard piping upgrades) tender is expected in spring 2023 with construction starting in summer of 2023.</p> <p>Project Budget: Additional upgrades were determined to be necessary as a result of the design evaluation. Budget increase expected to be requested in 2022 Capital Budget.</p>

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Water Supply	159060	Victoria Yard Replacement	Initiation	\$30,500	\$55	\$30,445	0%	<p>Project Scope: This project is to replace the current Victoria Yard facility.</p> <p>Project Status: On Track - This project is currently in the initiation stage. The feasibility study for Wastewater servicing was completed in T3 of 2020. Further spending in this project is not expected until T3 of 2021.</p> <p>Project Budget: On Budget</p>
Total	25			\$2,483,064	\$905,188	\$1,577,876	36%	