

Transportation Capital Budget Project Details

Capital Project	Allocation/Funding	2020 Details	2021 Details
1504 Neighbourhood Traffic review Permanent Installations	Installation of permanent traffic calming. Reserves: Transportation Infrastructure Expansion + Traffic Safety	\$370,000 <ul style="list-style-type: none"> • Russell Road & Girgulis Crescent • Pembina Avenue & Spadina Crescent East • Leslie Avenue & 14th Street • 14th Street & Bate Crescent • Leslie Avenue between Garrison Crescent and Copland Crescent • Waterbury Road & Nemeiben Road • Garvie Road & Scissons Crescent • Garvie Road & McWillie Avenue • Wilson Crescent & Mackenzie Crescent / Brown Crescent • Victoria Avenue & 6th Street East 	\$520,000 <ul style="list-style-type: none"> • Avenue D & 23rd Street • Saskatchewan Crescent – Idylwyld Crescent to 8th Street West • Temperance Street & Lansdowne Avenue • Temperance Street & 14th Street / Lansdowne Avenue & 14th Street • Glasgow Street & Turner Avenue • Arlington Avenue & Mitchell Street • Richardson Road & 37th Street • Nemeiben Road & Brudell Road • Nemeiben Road & Smoothstone Crescent (east) • Konihowski Road & Haslam Place / McWillie Avenue • Rever Road & Haslam Street / Fairbrother Crescent (south) • Rever Road & Haslam Crescent / Fairbrother Crescent (north) • Stonebridge Common & Snell Crescent • Vic Boulevard (Assaly Street to Hunter Road) • Patrick Crescent & Muzyka Road (south) • Lanyone Avenue & 112th Street • Bryans Avenue & 112th Street • Hampton Circle & Hampton Gate North • Pendencygrasse Road in front of St. Mark School • Herman Avenue & Isabella Street

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1512 Neighbourhood Traffic Management	Installation and maintenance of temporary traffic calming. Reserves: Traffic Safety	\$350,000 <ul style="list-style-type: none"> • Complete implementation of the 2019 NTR temporary recommendations. • Complete NTR for the 2020 neighbourhoods: <ul style="list-style-type: none"> ○ Evergreen ○ Rosewood and Lakewood Suburban Centre ○ Gordie Howe Management Area, West Industrial and Southwest Industrial ○ Agriplace and Marquis Industrial ○ Sutherland Industrial ○ Confederation Suburban Centre ○ The Willows ○ CN Industrial ○ Central Business District ○ Central Industrial 	\$100,000 <ul style="list-style-type: none"> • Complete implementation of the 2020 NTR temporary recommendations.

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2288 Transportation Safety	A consolidated set of transportation safety focussed projects. Reserves: Transportation Infrastructure Expansion + Traffic Safety + Infrastructure Reserve Transportation	\$1,130,000	\$1,230,000
		\$0 Community Traffic Reviews <ul style="list-style-type: none"> No work planned. 	\$100,000 Community Traffic Reviews <ul style="list-style-type: none"> Develop CTR program scope. Conduct one CTR engagement event to refine engagement strategy and communication materials.
		\$100,000 Railway Crossing Safety Improvements <ul style="list-style-type: none"> Upgrades to meet Transport Canada Regulations. 	\$100,000 Railway Crossing Safety Improvements <ul style="list-style-type: none"> Upgrades to meet Transport Canada Regulations.
		\$250,000 Pedestrian Safety Improvements <ul style="list-style-type: none"> 34th Street & Avenue E Avenue F & 31st Street Avenue W & Rylston Road Copland Crescent midblock in front of Misbah School curb extensions 	\$250,000 Pedestrian Safety Improvements <ul style="list-style-type: none"> Wilson Crescent & Harrison Crescent (north) Wilson Crescent & Harrison Crescent (south) Wilson Crescent & Macdermid Crescent / Cairns Avenue 37th Street & pathway east of Byers Crescent
		\$400,000 Geometric Modifications <ul style="list-style-type: none"> 33rd Street & Warman Road intersection improvements. 	\$400,000 Geometric Modifications <ul style="list-style-type: none"> 33rd Street & Warman Road intersection improvements.
		\$380,000 High-Speed Roadside Safety Improvements <ul style="list-style-type: none"> Idylwyld Drive median barrier is estimated to cost \$1,250,000. Work will proceed once the capital funding is sufficient to complete the entire project (anticipated in 2023 at current funding levels). 	\$380,000 High-Speed Roadside Safety Improvements <ul style="list-style-type: none"> Idylwyld Drive median barrier is estimated to cost \$1,250,000. Work will proceed once the capital funding is sufficient to complete the entire project (anticipated in 2023 at current funding levels).
2289 Transportation Planning	Functional planning studies identify future transportation needs. Reserves: Transportation Infrastructure Expansion	\$250,000 <ul style="list-style-type: none"> Complete a functional planning study for Circle Drive between Laurier Drive and Avenue C, including the intersections with Airport Drive and Avenue C. 	\$250,000 <ul style="list-style-type: none"> Complete a functional planning study for Circle Drive between east of the Circle Drive North bridge and College Drive.

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2290 Traffic Control Systems	A consolidated set of traffic control focussed projects. Reserves: Transportation Infrastructure Expansion + Traffic Safety + Infrastructure Reserve Transportation	\$1,225,000	\$1,200,000
		\$375,000 New Traffic Signals <ul style="list-style-type: none"> 33rd Street & Northumberland/Catherwood Avenue. Upgrade from PAS to full signal. 33rd Street & Warman Road signal upgrades required as part of intersection improvements. 	\$400,000 New Traffic Signals <ul style="list-style-type: none"> 3rd Avenue & 19th Street. Budget for signal upgrades in conjunction with intersection improvements and BRT project.
		\$400,000 Traffic Signal Infrastructure Upgrades <ul style="list-style-type: none"> Replace 4 cabinets. Replace 25 controllers. Infrastructure upgrades (underground, poles, signal fixtures, electronics, etc.) at various locations. Vehicle detection repairs and new installation. Left-turn arrows with detections at 2 locations. 	\$400,000 Traffic Signal Infrastructure Upgrades <ul style="list-style-type: none"> Replace 5 traffic cabinets. Replace 10 traffic controllers. Signal infrastructure upgrades at various locations as identified through preventive maintenance program. Install non-intrusive overhead detection, new left-turn arrows, accessible pedestrian devices, etc.
		\$150,000 Advanced Traffic Management System – Communications. <ul style="list-style-type: none"> ATMS Traffic Control Module annual maintenance agreement. ATMS Traffic Management Module annual maintenance agreement. Expand wireless communication system Traffic monitoring cameras at 1 or 2 locations. 	\$100,000 Advanced Traffic Management System – Communications. <ul style="list-style-type: none"> ATMS Traffic Control Module annual maintenance agreement. ATMS Traffic Management Module annual maintenance agreement. Expand wireless communication system.
		\$200,000 Pedestrian Crossing Devices <ul style="list-style-type: none"> 25th Street & Pacific Avenue - RRFB Stonebridge Boulevard & Wellman/Cope Crescent - APC Fairlight Drive & Gropper Crescent - APC Millar Avenue & 43rd Street - upgrade to APC 115th Street & Vickies Avenue - APC 	\$200,000 Pedestrian Crossing Devices <ul style="list-style-type: none"> 20th Street & Avenue K - APC 20th Street & Avenue E - APC Arlington Avenue & Porter Street - RRFB 115th Street & Kellough Road - RRFB Taylor Street & Weyakwin Drive/Heritage Crescent - PAS
		\$100,000 Traffic Counting Equipment <ul style="list-style-type: none"> Replace aging traffic counting equipment used for either short or long-term traffic volume counts, classification and speed studies. 	\$100,000 Traffic Counting Equipment <ul style="list-style-type: none"> Replace aging traffic counting equipment used for either short or long-term traffic volume counts, classification and speed studies.
		\$1,125,000	\$1,105,000

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2468 Active Transportation Plan Implementation	Implement the Action Items identified from within the Active Transportation Plan. Reserves: Active Transportation + Transportation Infrastructure Expansion + Traffic Safety	\$575,000 AT Plan Implementation <ul style="list-style-type: none"> Complete a detailed review of the database of missing sidewalks. Improve the existing cycling network through enhanced crossings, signage and pavement markings. Administer bicycle and pedestrian count program. Continue to update administrative policies, guidelines and standards to support active modes. Support the Learn to Ride Safe Bike program. Support various community events. Promote and educate all road users about the changes to the revised Bike Bylaw. 	\$575,000 AT Plan Implementation <ul style="list-style-type: none"> Improve the existing cycling network through enhanced crossings, signage and pavement markings. Develop Active Transportation Wayfinding Strategic Plan. Administer bicycle and pedestrian count program. Continue to update administrative policies, guidelines and standards to support active modes. Support the Learn to Ride Safe Bike program. Support various community events. Promote and educate all road users about the sharing the road through a continued education and awareness campaign.
		\$50,000 Audible Pedestrian Signal Program <ul style="list-style-type: none"> Install Audible Pedestrian Signals at five retrofit locations in consultation with user requests. 	\$50,000 Audible Pedestrian Signal Program <ul style="list-style-type: none"> Install Audible Pedestrian Signals at five retrofit locations in consultation with user requests.
		\$100,000 Curb Ramp Program <ul style="list-style-type: none"> Install high priority pedestrian accessible curb ramps that do not fall adjacent to roadway resurfacing projects that are planned to be completed in the next three years. 	\$100,000 Curb Ramp Program <ul style="list-style-type: none"> Install high priority pedestrian accessible curb ramps that do not fall adjacent to roadway resurfacing projects asset preservation program projected to be completed in the next three years.
		\$200,000 New Sidewalk Program <ul style="list-style-type: none"> Create a priority list totalling \$20,000,000 to position the City for future potential federally funded programs. Prepare preliminary construction designs and develop cost estimates. 	\$200,000 New Sidewalk Program <ul style="list-style-type: none"> Continue to prioritize sidewalk installations to position the City for future potential federally funded programs. Prepare preliminary construction designs and develop cost estimates.
		\$125,000 Cycling Network <ul style="list-style-type: none"> Implement improvements to existing cycling facilities and construct new facilities to address gaps and barriers. 	\$180,000 Cycling Network <ul style="list-style-type: none"> Implement improvements to existing cycling facilities and construct new facilities to address gaps and barriers.
		\$75,000 Downtown AT Network <ul style="list-style-type: none"> Develop and deliver engagement for Downtown Active Transportation Network. 	\$0 Downtown AT Network <ul style="list-style-type: none"> No work planned.