

Document 3 - Estimated Road Safety-Related 2020 & 2021 City of Ottawa Investments

In the table below are listed countermeasures and deliverables of existing programs contributing to road safety brought forward as part of the 2021 Budget approved by Council on December 9, 2020

Total Budget Road-Safety Related Investments:

\$ 27,486,303 \$ 33,785,803

| Program | Existing Countermeasure Description and Deliverables | Emphasis Area | 2020 Budget Breakdown | 2021 Budget Breakdown | Delivered by |
|---|--|--|-----------------------|-----------------------|-------------------------|
| Active Transportation Missing Links | Cycling and Pedestrian Facilities Missing Links Implement pedestrian and cycling linkages that are not identified in the affordable network | Vulnerable Road Users - Pedestrians & Cyclists | 1,347,000 | 1,276,000 | Transportation Planning |
| Cycling Facilities Program | Cycling Facilities Implement new cycling facilities and improvements to existing facilities identified in the 2013 Ottawa Cycling Plan. | Vulnerable Road Users - Pedestrians & Cyclists | 4,713,000 | 5,023,000 | Transportation Planning |
| Pedestrian Accessible Intersections & Ramps | Accessible Pedestrian Facilities Implement accessible pedestrian facilities that are not captured through road reconstruction or development projects. The program removes obstructions and installs short sections of sidewalks, curb ramps, TWSIs (Tactile Walking Surface Indicators), and AODA upgrades at intersections, while bringing facilities in line with current accessibility design standards and legislation. | Vulnerable Road Users - Pedestrians | 225,000 | 231,000 | Transportation Planning |
| Adult School Crossing Guard Program | Adult School Crossing Guards and School Zone Safety Presentations - Provide 244 adult school crossing guards (ASCG), including 239 guards and 5 team leads. - Provide 122 presentations per year, along with hands-on, interactive learning with a focus on speeding and distracted drivers as part of the curriculum-based pedestrian safety program. | Vulnerable Road Users - Pedestrians | 3,087,803 | 3,212,803 | Traffic Services |
| Accessible Pedestrian Signal/ Pedestrian Countdown Signal | AODA Pedestrian Signals Install AODA compliant accessible pedestrian signals and pedestrian countdown timers at all new intersections and when upgrading existing signals. | Vulnerable Road Users - Pedestrians | 600,000 | 614,000 | Traffic Services |
| Development Sidewalks | Increased Pedestrian Connectivity Implement sidewalk linkages that cannot be secured from developments under the Planning Act resulting in gaps in pedestrian connectivity. Projects typically address situations where existing communities need to be linked to a new development across vacant land | Vulnerable Road Users - Pedestrians | 164,000 | 171,000 | Transportation Planning |
| Pedestrian Crossover Program | Pedestrian Crossovers Implement pedestrian crossover (PXOs) where applicable to provide priority to pedestrians when crossing the street at intersections, midblock or at roundabout locations | Vulnerable Road Users - Pedestrians | 500,000 | 512,000 | Traffic Services |
| Pedestrian Facilities Program | Pedestrian Facilities Implement standalone facilities for pedestrians, focusing on delivery of projects identified in the Ottawa Pedestrian Plan (OPP). | Vulnerable Road Users - Pedestrians | 2,750,000 | 2,814,000 | Transportation Planning |
| Pedestrian Safety Evaluation Program | Pedestrians Safety Enhancements Implement geometric modifications to address pedestrian safety issues at 1 intersection | Vulnerable Road Users - Pedestrians | 380,000 | 389,000 | Traffic Services |

| Program | Existing Countermeasure Description and Deliverables | Emphasis Area | 2020 Budget Breakdown | 2021 Budget Breakdown | Delivered by |
|---|--|-------------------------------------|---|---|--|
| Sidewalks & Pathways - Citywide & Other | Reconstruction of Sidewalks and Pathways Reconstruct existing sidewalks and pathways that require replacement which are not subject to reconstruction as part of a coordinated road, sewer, or water construction project. | Vulnerable Road Users - Pedestrians | 3,390,000 | 8,900,000 | Infrastructure Services |
| Transportation Demand Management | Cycling Safety Awareness Program and Walking School Bus - Provides education and outreach on New Cycling Infrastructure, as required, to help all road users understand how to use the infrastructure appropriately. - Provides funding for a hybrid volunteer/ paid leader model for the Walking School Bus. | Vulnerable Road Users - Cyclists | 137,500 | 348,000 | Transportation Planning, Ottawa Public Health |
| Cycling Safety Improvement Program | Cycling Safety Enhancements Implement engineering countermeasures include signs, signals, pavement markings, bike lanes, bike boxes, cross rides to address cycling safety issues at 10 locations per | Vulnerable Road Users - Cyclists | 105,000 | 107,000 | Traffic Services |
| As opportunities arise through new construction or re-construction of roadways | Expand Cycling Network Implement cycling infrastructure to separate cyclists from vehicles as appropriate for the context of the street. Upgrade existing conditions and expand the network by implementing separated cycling facilities and dedicated bike lanes as per the Ottawa Cycling Plan, Complete Streets Policy, Arterial and Collector Road Guidelines. | Vulnerable Road Users - Cyclists | Within the funding levels identified in the Long-Range Financial Plan | Within the funding levels identified in the Long-Range Financial Plan | Infrastructure Services, Transportation Planning |
| Various Programs | Roundabouts Continue to implement roundabouts as a means to reduce collisions. Roundabouts are considered for new roadway intersections and as part of reconstruction or roadway modifications. | Intersections | Various funding sources | Various funding sources | Infrastructure Services, Transportation Planning, Traffic Services |
| Life Cycle Renewal Traffic Control Signals and Life Cycle Renewal Traffic Monitoring System | Traffic Control and Monitoring Systems Provide on-going maintenance for the safe and effective operation of the City's Traffic Control Systems and Traffic Monitoring System. | Intersections | 2,056,000 | 2,103,000 | Traffic Services |
| New Traffic Control Devices Program | Traffic Control Devices Implement traffic control devices at locations that meet warrants for traffic control signals, including roundabouts and protected intersections as well as pedestrian signals. | Intersections | 2,419,000 | 2,465,000 | Traffic Services |
| Speed Limit Changes | Gateway Speed Limit Signage Install Gateway Speed Limit signage to establish 40 km/h or 30 km/h speed limit areas within neighbourhoods as per existing policies at 12-13 areas annually. | High risk drivers - Aggressive | 50,000 | 50,000 | Traffic Services |
| Traffic & Pedestrian Safety Enhancement | Temporary Traffic Calming Implement temporary traffic calming measures to help reduce operating speeds along roadways. Measures include; speed display boards, flex stakes, planters, etc. | High risk drivers - Aggressive | 1,650,000 | 1,650,000 | Traffic Services |
| Neighborhood Traffic Calming Program | Traffic Calming Prioritize locations and implement permanent traffic calming measures based on the Council-approved Neighbourhood Traffic Calming Study Process. | High risk drivers - Aggressive | 2,000,000 | 2,046,000 | Transportation Planning |
| Advance Traffic Management Systems | Advanced Traffic Management Systems - Apply relatively low-cost, Intelligent Transportation Systems (ITS) enhancements, such as those associated with Advanced Traffic Management Systems. | All | 402,000 | 411,000 | Traffic Services |

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|----------------------------|---|---------------|-----------------------|-----------------------|------------------|
| Safety Improvement Program | <p>High Collision Locations Monitor 15,000 reported traffic collisions annually in order to identify locations with existing road safety issues based on collision trends and implements countermeasures to address those issues.</p> | All | 1,010,000 | 1,033,000 | Traffic Services |
| Safer Roads Ottawa | <p>Road Safety Outreach and Coordination Partnerships between various stakeholders strengthens the commitment to road safety with the goal of preventing or eliminating road deaths and serious injuries. This ensures that all corporate road safety initiatives are coordinated and fully supported by the City's internal partners, while developing, engaging, and investing in various community road safety partners.</p> | All | 500,000 | 430,000 | Traffic Services |