

## Document 2: 2023 Road Safety Action Plan (RSAP) - Implementation Plan - INITIATIVES

In the table below are listed the initiatives that will be undertaken as part of the 2023 RSAP Implementation Plan. Initiatives include those funded by the \$6.35 million allocated in the City's 2023 Budget for the Road Safety Action Plan Program.

### 2023 Budget RSAP Funding:

Lead	Initiative Description and Deliverables	Emphasis Area	Funding Source	2023 RSAP Budget	Delivered by
Safer Roads Ottawa	<b>Be Safe Be Seen</b> Initiative is focused on raising the awareness of all vulnerable road users to be more visible when travelling on Ottawa roads. As part of the initiative, reflective gear will be distributed to residents throughout fall.	Vulnerable Road Users - Pedestrians/Cyclists	2023 Safer Roads Ottawa	–	Traffic Services, Ottawa Fire Services, Ottawa Police Services, Ottawa Public Health
Safer Roads Ottawa	<b>Education and Outreach about New Pedestrian Infrastructure</b> Conduct education and outreach on new and existing pedestrian infrastructure to ensure all road users understand how to use the infrastructure appropriately.	Vulnerable Road Users - Pedestrians	2023 Road Safety Action Plan Program	20,000	Traffic Services, Ottawa Police Services, Ottawa Public Health
Road Safety Action Plan Program	<b>Ladder Markings</b> Implement high-visibility ladder markings at 10 locations.	Vulnerable Road Users - Pedestrians	2023 Road Safety Action Plan Program	25,000	Traffic Services
Road Safety Action Plan Program	<b>Leading Pedestrian Interval &amp; No Right Turn on Red</b> Proactively review 300 locations applying leading pedestrian interval (LPI) criteria, implementing LPI and/or No Right Turn on Red, where criteria is met.	Vulnerable Road Users - Pedestrians	Internal Staff Resources	–	Traffic Services
Advanced Traffic Management Systems	<b>Joined Pedestrian Signal Phasing</b> Continue to install signal timing feature to allow the walk signal to appear when a vehicle detection triggers the traffic signal to change to side street green, where appropriate. This expands upon the software and criteria developed in 2021.	Vulnerable Road Users - Pedestrians	Internal Staff Resources	–	Traffic Services
New Traffic Control Devices Program	<b>Pedestrian Crossover Enhancements</b> Allocate funding to the PXO Program to address locations with compliance issues.	Vulnerable Road Users - Pedestrians	2023 Road Safety Action Plan Program	30,000	Traffic Services
Pedestrian Safety Evaluation Program	<b>Pedestrians Safety Enhancements</b> Allocate funding to the Pedestrian Safety Evaluation Program to implement low cost measures to address pedestrian safety issues at one location.	Vulnerable Road Users - Pedestrians	2023 Road Safety Action Plan Program	100,000	Traffic Services
Safer Roads Ottawa	<b>Motorcycle Safety Courses</b> Provide training for 100 riders through a subsidized training program.	Vulnerable Road Users - Motorcyclists	2023 Road Safety Action Plan Program	100,000	Traffic Services
Road Safety Action Plan Program	<b>Motorcycle Safety Strategy</b> Implement education, engineering and enforcement measures identified in the motorcycle safety strategy. This includes continued input from key internal and external stakeholders through the motorcycle safety working group and conducting annual collision data monitoring.	Vulnerable Road Users - Motorcyclists	2023 Road Safety Action Plan Program	50,000	Traffic Services

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Cycling Safety Improvement Program	<b>Cycling Safety Enhancements During Resurfacing</b> Allocate funding to the Cycling Safety Improvement Program to implement measures to enhance cycling safety as part of resurfacing projects (thermo, signage, pavement markings).	Vulnerable Road Users - Cyclists	2023 Road Safety Action Plan Program	40,000	Traffic Services
Cycling Safety Improvement Program	<b>Cycling Safety Enhancements</b> Allocate partial funding to the Cycling Safety Improvement Program to implement cycling enhancements at up to three high-volume cycling/vehicle interaction locations.	Vulnerable Road Users - Cyclists	2023 Road Safety Action Plan Program	2,100,000	Traffic Services Infrastructure Services
Advance Traffic Management Systems	<b>Amber Lock</b> With the completion of software development, locations will continue to be reviewed on an as request basis and implement per criteria in future.	Vulnerable Road Users - Cyclists	Internal Staff Resources	–	Traffic Services
Advanced Traffic Management Systems	<b>Cycling Detection Feedback Bollard</b> Continue to pilot the installation of cycling detection feedback bollards at signalized intersections or multi-use pathway crossings, where appropriate.	Vulnerable Road Users - Cyclists	2023 Advanced Traffic Management Systems Program	–	Traffic Services
Advance Traffic Management Systems	<b>Evaluation of the Amber Lock Feature</b> Evaluate the use of amber lock function in 2022 and 2023 and report back through the 2024 Road Safety Action Plan Annual Report.	Vulnerable Road Users - Cyclists	2023 Road Safety Action Plan Program	50,000	Traffic Services
Safer Roads Ottawa	<b>New - BestFit Booster - School-Based Booster Seat &amp; Passenger Safety Awareness Program</b> Provide education and awareness on the proper installation of booster seats and passenger safety through school-based presentation geared towards children in grades 1-3.	Vulnerable Road Users	2023 Safer Roads Ottawa	–	Traffic Services, External Partners
Safer Roads Ottawa	<b>Education and Outreach - Motorized Recreational Vehicles</b> Conduct education and outreach related to the operation of Motorized Recreational Vehicles in schools in the rural area to ensure all road users are aware of hazards and safe operation.	Rural Area	2023 Road Safety Action Plan Program	20,000	Traffic Services
Road Safety Action Plan Program	<b>Rural Curve Enhancements</b> Enhanced delineation on horizontal curves identified through the new network screening process to improve safety. Enhance up to 5 locations.	Rural Area	2023 Road Safety Action Plan Program	25,000	Traffic Services
Road Safety Action Plan Program	<b>Rural Roadway Signage and Lighting</b> Proactively identify rural stop locations for upgrading ex. oversized stop sign, stop ahead sign, flashing LED beacon and/or marker lighting at intersections based on network screening. Implement upgrades at up to 10 locations.	Rural Area	2023 Road Safety Action Plan Program	50,000	Traffic Services
Road Safety Action Plan Program	<b>New - Pilot Advanced Technology for Rural Road Safety</b> Pilot new technology in rural areas to improve on road safety (LED chevrons, temporary rumble strips, etc.)	Rural Area	2023 Road Safety Action Plan Program	20,000	Traffic Services

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Road Safety Action Plan Program	<b>Rural Skewed Intersections Enhancements</b> Allocate additional funding to implement geometric modifications at 2 rural skewed intersections identified in the 2022 RSAP Implementation plan.	Rural Area	2023 Road Safety Action Plan Program	2,100,000	Traffic Services Infrastructure Services
Road Safety Action Plan Program	<b>Safety Edges</b> Implement safety edges on Rural Roads as part of the 2023 resurfacing program. Total number of corridors to be determined.	Rural Area	2023 Road Safety Action Plan Program	–	Traffic Services, Infrastructure Services
Road Safety Action Plan Program	<b>Rumble Strips</b> Implement rumble strips on Rural Roads as part of future resurfacing. Total number of corridors to be determined.	Rural Area	2023 Road Safety Action Plan Program	–	Traffic Services, Infrastructure Services
Road Maintenance	<b>Shoulder Maintenance in Rural Areas</b> Continue to review the shoulder maintenance priority process developed under 2020 RSAP. Upgrade approximately 22 linear km of gravel shoulders on rural roads to help reduce the occurrence of edge drop-off related incidents.	Rural Area	2023 Road Safety Action Plan Program	125,000	Roads Services, Traffic Services
Road Safety Action Plan Program	<b>Protected Left-Turns</b> Implement protected left turn phasing at up to 5 locations where no geometric revisions are required.	Intersections	2023 Road Safety Action Plan Program	150,000	Traffic Services
Road Safety Action Plan Program	<b>Rail Safety Studies</b> Complete Detailed Safety Assessments (DSA) jointly with the rail authority at 4 at-grade rail crossing.	Intersections	2023 Road Safety Action Plan Program	20,000	Traffic Services, Rail Authority
New Traffic Control Devices Program	<b>Traffic Control Devices</b> Allocate partial funding to the New Traffic Control Devices Program for the construction of one intersection that meets warrants for traffic control signals.	Intersections	2023 Road Safety Action Plan Program	350,000	Traffic Services
Partner Initiative	<b>OPS Intelligence Based Traffic Enforcement Plan</b> Road Safety Action Plan emphasis areas to be incorporated into OPS Traffic Unit's data-driven, intelligence-led <b>Integrated Enforcement Initiative</b> (phased roll-out underway).	High risk drivers - All	Internal Staff Resources	–	Ottawa Police Services
Partner initiative	<b>Teen Safety Week</b> Deliver an impaired (drugs and alcohol) and distracted driving educational initiative targeted towards teens.	High risk drivers - Impaired/Distracted	Internal Staff Resources	–	Traffic Services, Ottawa Police Services
Partner initiative	<b>Impaired Driver Enforcement</b> Deliver Monthly RIDE Program(s) throughout the City. Provide additional staffing for the Summer Market Enforcement Blitz in the Byward Market	High risk drivers - Impaired	Internal Staff Resources	–	Traffic Services, Ottawa Police Services, Ottawa Public Health
Partner Initiative	<b>Leave the Phone Alone</b> Deliver Distracted Driver Enforcement throughout the City on an ongoing basis.	High risk drivers - Distracted	Internal Staff Resources	–	Traffic Services, Ottawa Police Services

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Partner initiative	<b>Automated License Plate Recognition (ALPR) Enforcement</b> Deploy Automated License Plate Recognition devices across the city to enforce suspended drivers.	High risk drivers - All	Internal Staff Resources	–	Ottawa Police Services
Road Safety Action Plan Program	<b>30 km/h Designs for Local Roads</b> Continue to include design elements identified in the 30 km/h Design Guideline to achieve a 30 km/h target speed for new roadways, or reconstructions.	High risk drivers - Aggressive	Internal Staff Resources	–	Traffic Services, Transportation Planning, Planning Services, Infrastructure Services
Road Safety Action Plan Program	<b>Automated Speed Enforcement</b> Install 13 new Automated Speed Enforcement Cameras in the vicinity of schools and playgrounds/parks.  As a pilot study, install 4 new Automated Speed Enforcement Cameras in high speed locations: -Two roadway locations where posted speed limit is between 50 to 70 km/hr and proportion of high-end speeders is high (defined as those vehicles travelling 15 km/h or more over the speed limit) -Two roadway locations where percent of compliance with speed limit is low and pedestrians have a high modal share.	High risk drivers - Aggressive	2023 Automated Speed Enforcement Camera	–	Traffic Services
Speed Limit Changes	<b>Gateway Speed Limit Signs</b> Install Gateway Speed Limit signage to establish 40 km/h or 30 km/h speed limit areas within neighbourhoods as per existing policies to double number of annual installations to one per ward.	High risk drivers - Aggressive	2023 Road Safety Action Plan Program	50,000	Traffic Services
Road Safety Action Plan Program	<b>Conduct a Review of the Best Delivery Model for School Bus Camera</b> Report back to TRC in Q2 2023 with an implementation plan for the program based on the results of the work with the school bus consortia and stakeholders to review and establish the best delivery method for a school bus camera program.	High risk drivers - Aggressive	Internal Staff Resources	–	Traffic Services
Traffic Calming in School Areas	<b>Traffic Calming in School Areas</b> Following established program requirements, implement engineered traffic calming measures in the vicinity of 3 schools.	High risk drivers - Aggressive	2023 Road Safety Action Plan Program	600,000	Traffic Services, Transportation Planning, Infrastructure Services, Ottawa Public Health
Road Safety Action Plan Program	<b>School Zone Flashing Beacon Update to Standards</b> Amendments to Regulation 615 and the introduction of the new signage necessitated the review of these existing school zones in 2022 to ensure that they are compliant with updated regulations. Upgrades related to signage and beacon placement are required at a number of existing flashing beacon sites.	High risk drivers - Aggressive	2023 Road Safety Action Plan Program	200,000	Traffic Services

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Road Safety Action Plan Program	<b>Road Safety Audits</b> Implement guidelines and support various stakeholders in the RSA process. Continue to consult with Development Industry and seek input on RSA requirements for developer led projects within the City right-of-way.	Road Safety Culture	Internal Staff Resources	–	Traffic Services, Transportation Planning, Infrastructure Services
Safer Roads Ottawa	<b>Road Safety Communications &amp; Education Strategy</b> Deliver initiatives identified in the 2023 Communications/ Education Strategy with an emphasis on changing road safety culture of road users across the City.	Road Safety Culture	2023 Safer Roads Ottawa	–	Traffic Services, Public Information & Media Relations, Ottawa Public Health
Road Safety Action Plan Program	<b>Road Safety Training Course (Safety School)</b> Continue to delivery virtual training sessions for all staff within the city who make decisions about the transportation network to help create a road safety culture within the City. The course focuses on contributing factors to collisions, human factors associated with design and how road users use the system. Deliver 4 virtual training sessions for staff and one virtual session for elected officials.	Road Safety Culture	2023 Road Safety Action Plan Program	25,000	Traffic Services
Partner initiative	<b>Fatal Collision Review Committee (FCRC)</b> Undertake review of all fatal collisions in the city to determine contributing factors and assess possible education and engineering countermeasures, and consider viability of enforcement deployment as per the terms of reference of the FCRC.	All	Internal Staff Resources	–	Ottawa Police Services, Traffic Services, Regional Supervising Coroner, Ottawa Public Health
Safer Roads Ottawa	<b>Various Community Outreach Activities</b> Undertake 35 community engagement initiatives and events at various locations.	All	2023 Safer Roads Ottawa	–	Traffic Services
ATMS/TIM	<b>New - Pilot Advanced Technology for Road Safety</b> Pilot new and innovative technologies and services related to enhancing road safety for all users of the road	All	2023 Road Safety Action Plan Program	100,000	Traffic Services
Road Safety Action Plan Program	<b>Staffing Resource Requirements</b> 1 Permanent FTE - Road Safety Engineer 1 Temporary FTE - Public Information & Media Relations	All	2023 Road Safety Action Plan Program		Traffic Services Public Information and Media Relations