

Document 1: 2023 Road Safety Action Plan (RSAP) - Implementation Plan - STATUS UPDATE

In the table below are listed the initiatives undertaken as part of the 2023 RSAP Implementation Plan along with a status update for each, as of the end of 2023. 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: \$ 6,350,000.00

Lead	Initiative Description and Deliverables	Emphasis Area	Funding Source	2023 RSAP Budget	Status	Delivered by
Safer Roads Ottawa	Be Safe Be Seen 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	–	Completed: 1 kick-off event on October 3. Over 2,000 lights and reflectors distributed to residents throughout the city through select Ottawa Fire Stations (10 urban locations, 4 rural stations) and at 3 community fairs attended by Fire Services in the rural area.	Traffic Services, Ottawa Fire Services, Ottawa Police Services, Ottawa Public Health
Safer Roads Ottawa	Education and Outreach about New Pedestrian Infrastructure 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	In-progress: 2 locations with scheduled installations of PXO's in mid-October 2023.	Traffic Services, Ottawa Police Services, Ottawa Public Health
Road Safety Action Plan Program	Ladder Markings Implement high-visibility ladder markings at 10 locations.	Vulnerable Road Users - Pedestrians	2023 Road Safety Action Plan Program	25,000	Completed: Ladder markings implemented at 10 locations.	Traffic Services
Road Safety Action Plan Program	Leading Pedestrian Interval & No Right Turn on Red 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	–	Completed: Total of 189 Leading Pedestrian Intervals and 108 No Right Turn on Red (city wide total).	Traffic Services
Advanced Traffic Management Systems	Joined Pedestrian Signal Phasing 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	–	Completed: Joined pedestrian timing installed at 10 locations.	Traffic Services
New Traffic Control Devices Program	Pedestrian Crossover Enhancements Allocate funding to the PXO Program to address locations with compliance issues.	Vulnerable Road Users - Pedestrians	2023 Road Safety Action Plan Program	30,000	On-hold: Funding allocated to PXO upgrades at Greenfield Avenue and Concord Street in 2024.	Traffic Services
Pedestrian Safety Evaluation Program	Pedestrians Safety Enhancements 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	On-hold: Funding allocated to accessibility upgrades (AODA) at Stittsville Main Street and Beverly Street (pending additional funding).	Traffic Services
Safer Roads Ottawa	Motorcycle Safety Courses Provide training for 100 riders through a subsidized training program.	Vulnerable Road Users - Motorcyclists	2023 Road Safety Action Plan Program	100,000	Completed: Delivered 16 Motorcycle Safety Sessions to 197 attendees.	Traffic Services

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Road Safety Action Plan Program	Motorcycle Safety Strategy 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	Completed: Motorcycle Strategy Complete. Investigating opportunities to gather additional data related to motorcyclist including establishing a social pinpoint stie and cluster analysis in urban areas.	Traffic Services
Cycling Safety Improvement Program	Cycling Safety Enhancements During Resurfacing 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	In-progress: 5 locations identified for cycling safety enhancements. Anticipated installation - 2023/Spring 2024.	Traffic Services
Cycling Safety Improvement Program	Cycling Safety Enhancements 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	In-progress: Two high volume cycling locations currently under construction (St. Patrick Street and King Edward Avenue; O'Connor Street Cycling Safety Improvements). Full construction funding allocated to Scott Street and Bayview Road with construction starting in 2024.	Traffic Services, Infrastructure Services
Advance Traffic Management Systems	Amber Lock 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	-	Completed: Amber lock installed at 239 locations.	Traffic Services
Advanced Traffic Management Systems	Cycling Detection Feedback Bollard 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	-	In-progress: testing of bike bollard units underway, with up to 3 units to be installed Spring/Summer 2024.	Traffic Services
Advance Traffic Management Systems	Evaluation of the Amber Lock Feature 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	In-progress: Staff continue to review and assess new installations and have not observed any negative operational impacts with the Amber Lock deployment.	Traffic Services
Safer Roads Ottawa	New - BestFit Booster - School-Based Booster Seat & Passenger Safety Awareness Program 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	-	In-progress: 15 classes delivered at two separate schools to a total of 292 students. Additional promotion of school based program planned in October 2023.	Traffic Services, External Partners
Safer Roads Ottawa	Education and Outreach - Motorized Recreational Vehicles 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	In-progress: Coordinating with the Ontario Federation of ATVs and rural ward councillors for the development and delivery of safe and responsible operation of an ATV online program to up to 4 schools in rural areas (grades 7 and 8)	Traffic Services

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Road Safety Action Plan Program	Rural Curve Enhancements 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	In-progress: 2 locations identified for improvements. Signage upgrades will occur in 2023/2024.	Traffic Services
Road Safety Action Plan Program	Rural Roadway Signage and Lighting 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	Completed: 10 locations completed.	Traffic Services
Road Safety Action Plan Program	New - Pilot Advanced Technology for Rural Road Safety 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	On-hold: Pilot of temporary rumble strips to be conducted in collaboration with OC Transpo in 2024.	Traffic Services
Road Safety Action Plan Program	Rural Skewed Intersections Enhancements 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	In-progress: Construction underway at the intersection of Victoria Street and Cartwright Street. Remaining funding allocated to the intersection of Constance Bay Road and Dunrobin Road (additional funding required).	Traffic Services, Infrastructure Services
Road Safety Action Plan Program	Safety Edges 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	–	Completed: six rural road corridors as part of the 2023 resurfacing program including Canaan Road, Piperville Road, Sale Barn Road, Upper Dwyer Hill Road, Cedarview Road and Saumure Road.	Traffic Services, Infrastructure Services
Road Safety Action Plan Program	Rumble Strips 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	–	In-progress: Selecting sites for 2024 to be completed as part of the resurfacing program.	Traffic Services, Infrastructure Services
Road Maintenance	Shoulder Maintenance in Rural Areas 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	Completed: 12 locations/22 km upgraded.	Roads Services, Traffic Services
Road Safety Action Plan Program	Protected Left-Turns 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	Completed: Installed protected phasing at 5 locations.	Traffic Services
Road Safety Action Plan Program	Rail Safety Studies 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	Completed: 10 DSA's were completed jointly with the rail authority.	Traffic Services, Rail Authority
New Traffic Control Devices Program	Traffic Control Devices 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	Cancelled: Additional Funding required and reallocated to Automated Speed Enforcement Program	Traffic Services

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Partner Initiative	OPS Intelligence Based Traffic Enforcement Plan Road Safety Action Plan emphasis areas to be incorporated into OPS Traffic Unit's data-driven, intelligence-led Integrated Enforcement Initiative (phased roll-out underway).	High risk drivers - All	Internal Staff Resources	–	Completed: Plan approved by Ottawa Police Services September 25, 2023.	Ottawa Police Services
Partner initiative	Teen Safety Week Deliver an impaired (drugs and alcohol) and distracted driving educational initiative targeted towards teens.	High risk drivers - Impaired/Distracted	Internal Staff Resources	–	Completed: Drop It and Drive presentations provided Oct 16 - 20, 2023 (8 schools/9 presentations confirmed).	Traffic Services, Ottawa Police Services
Partner initiative	Impaired Driver Enforcement 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	–	In-progress: 6 RIDE blitzes conducted.	Traffic Services, Ottawa Police Services, Ottawa Public Health
Partner Initiative	Leave the Phone Alone Deliver Distracted Driver Enforcement throughout the City on an ongoing basis.	High risk drivers - Distracted	Internal Staff Resources	–	In-progress: Two events as well as during "Drop It and Drive" presentations in six schools	Traffic Services, Ottawa Police Services
Partner initiative	Automated License Plate Recognition (ALPR) Enforcement Deploy Automated License Plate Recognition devices across the city to enforce suspended drivers.	High risk drivers - All	Internal Staff Resources	–	Completed: Number of detections = 365,276 Number of Hits = 37,068 Number of suspensions = 132	Ottawa Police Services
Road Safety Action Plan Program	30 km/h Designs for Local Roads 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	–	In-progress: 30 km/h design elements constructed or to be constructed in 2023 on 8 local residential streets through integrated road, sewer and watermain reconstruction projects.	Traffic Services, Transportation Planning, Planning Services, Infrastructure Services
Road Safety Action Plan Program	Automated Speed Enforcement 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	–	In-progress: 6 delayed 2022 ASE locations installed in 2023. A total of 5 of 17 planned 2023 ASE installed and enforcing. The remaining 12 sites are currently with Infrastructure Services for installation, anticipated completion by the end of Q4 2023.	Traffic Services
Speed Limit Changes	Gateway Speed Limit Signs 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	In-progress: Installed new gateway speed limit signage in 19 wards.	Traffic Services
Road Safety Action Plan Program	Conduct a Review of the Best Delivery Model for School Bus Camera 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	–	Completed: Consultant review of best delivery model for the School Bus Camera Program. In-progress: Further consultation required with school bus consortia, Ottawa Police Services, and other stakeholders prior to reporting back to TRC/Council in Q4 2024.	Traffic Services

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Traffic Calming in School Areas	Traffic Calming in School Areas 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	In-progress: 3 locations in-detail design with construction currently anticipated in 2024. • Naskapi between Ogilvie and Rothwell • Bilberry between Jeanne d'Arc E and Jeanne d'Arc west (fronting St. Mathew high school) • Bilberry N of Jeanne d'Arc near Orleans Wood Elementary	Traffic Services, Transportation Planning, Infrastructure Services Ottawa Public Health
Road Safety Action Plan Program	School Zone Flashing Beacon Update to Standards 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	In-progress: 3 locations identified for upgrades (Mitch Owens, Bank and Kinburn). Installation pending further design review.	Traffic Services
Road Safety Action Plan Program	Road Safety Audits 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	–	Completed: 5 RSAs completed for City led transportation projects (2 additional RSAs in-progress). Inactive: More consultation is required to develop RSA requirements for developer led projects.	Traffic Services, Transportation Planning, Infrastructure Services
Safer Roads Ottawa	Road Safety Communications & Education Strategy 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	–	In-progress: Developed and started testing a new road safety communications strategy. Full campaign launch planned for mid-October 2023.	Traffic Services, Public Information & Media Relations, Ottawa Public Health
Road Safety Action Plan Program	Road Safety Training Course (Safety School) 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	In-progress: One training course delivered to elected officials. One course scheduled for Oct 30, 2023. On-hold: Additional staff training due to low enrollment (majority of staff have taken the training). Training course to be reviewed in 2024.	Traffic Services
Partner initiative	Fatal Collision Review Committee (FCRC) 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	–	Completed: 2020 Annual FCRC Report. In-progress: Draft 2021/2022 FCRC report. To be completed Q1 2024.	Ottawa Police Services, Traffic Services, Regional Supervising Coroner, Ottawa Public Health
Safer Roads Ottawa	Various Community Outreach Activities Undertake 35 community engagement initiatives and events at various locations.	All	2023 Safer Roads Ottawa	–	Completed: attended and supported 42 events. 10 additional events planned in 2023.	Traffic Services
Advanced Traffic Management System / Traffic Incident Management	New - Pilot Advanced Technology for Road Safety 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	Completed: Study of connected driver data to support Road Safety Studies	Traffic Services

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Road Safety Action Plan Program	Staffing Resource Requirements 1 Permanent FTE - Road Safety Engineer 1 Temporary FTE - Public Information & Media Relations	All	2023 Road Safety Action Plan Program		Completed: staff positions filled.	Traffic Services Public Information and Media Relations