

Document 2: 2022 Road Safety Action Plan (RSAP) - Implementation Plan - INITIATIVES

In the table below are listed the initiatives that will be undertaken as part of the 2022 RSAP Implementation Plan. Initiatives include those funded by the \$7.2 million allocated in the City's 2022 Budget for the Road Safety Action Plan Program.

2022 Budget RSAP Funding:

\$ 7,200,000.00

Lead	Initiative Description and Deliverables	Emphasis Area	Funding Source	2022 RSAP Budget	Delivered by
Safer Roads Ottawa	Be Safe Be Seen Provide lights and reflective products to cyclists and pedestrians at 24 events and to raise awareness through social media channels.	Vulnerable Road Users - Pedestrians & Cyclists	2022 Safer Roads Ottawa	-	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	2022 Safer Roads Ottawa	-	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	2022 Road Safety Action Plan Program	25,000	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	-	Traffic Services
Advanced Traffic Management Systems	New - Joined Pedestrian Signal Phasing 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	New - Pedestrian Crossings in School Traffic Calming Areas Implement PXO's identified in the reviews completed as part of the school area traffic calming initiative in 2021.	Vulnerable Road Users - Pedestrians	2022 Road Safety Action Plan Program	300,000	Traffic Services
New Traffic Control Devices Program	New - Pedestrian Crossover Enhancements Allocate funding to the PXO Program to implement accessibility features at up to 2 existing PXO locations.	Vulnerable Road Users - Pedestrians	2022 Road Safety Action Plan Program	50,000	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 up to 10 locations.	Vulnerable Road Users - Pedestrians	2022 Road Safety Action Plan Program	50,000	Traffic Services

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Safer Roads Ottawa	Motorcycle Safety Courses Provide training for 100 riders through a subsidized training program.	Vulnerable Road Users - Motorcyclists	2022 Safer Roads Ottawa	-	Traffic Services
Road Safety Action Plan Program	Motorcycle Safety Strategy Develop a comprehensive motorcycle safety strategy. This includes continued input from key internal and external stakeholders through the motorcycle safety working group, conducting annual collision data monitoring and continued education, enforcement and engineering countermeasures.	Vulnerable Road Users - Motorcyclists	2022 Road Safety Action Plan Program	60,000	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	2022 Road Safety Action Plan Program	60,000	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 locations (depending on availability of Federal Active Transportation Fund). Provide additional funding to complete detailed design for one high-volume cycling/vehicle interaction location and one location identified through the Cycling Safety Improvement Program.	Vulnerable Road Users - Cyclists	2022 Road Safety Action Plan Program	1,950,000	Traffic Services
Advance Traffic Management Systems	New - Amber Lock With the completion of software development, complete the installation of amber lock feature at the 192 intersections previously identified at high cyclist volume signalized intersection or multi-use pathways. Continue to implement as per criteria at future locations.	Vulnerable Road Users - Cyclists	Internal Staff Resources	-	Traffic Services
Advanced Traffic Management Systems	New - Cycling Detection Feedback Bollard Pilot the installation of cycling detection feedback bollards at signalized intersections or multi-use pathway crossings (ex. Carling at O-Train crossing), where appropriate.	Vulnerable Road Users - Cyclists	2022 Advanced Traffic Management Systems Program	-	Traffic Services
Advance Traffic Management Systems	New - 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	Internal Staff Resources	-	Traffic Services
Cycling Safety Awareness Program	New - Red Revert Education Campaign The development and implementation of an awareness campaign (including signage at key intersections) geared to educate and inform all road users: <ul style="list-style-type: none"> • on the red revert feature and how it works, including sensors and timing; and • how to safely and legally enter an intersection. 	Vulnerable Road Users - Cyclists	2022 Cycling Safety Awareness Program	-	Transportation Planning, Traffic Services
Safer Roads Ottawa	Best Fit Car Seat Clinics Provide education and awareness on the proper installation of car seats through modified delivery format due to continued presence of COVID-19.	Vulnerable Road Users	2022 Safer Roads Ottawa	-	Traffic Services, External Partners

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Safer Roads Ottawa	New - Education and Outreach about 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	2022 Safer Roads Ottawa	-	Traffic Services
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	2022 Road Safety Action Plan Program	25,000	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	2022 Road Safety Action Plan Program	100,000	Traffic Services
Road Safety Action Plan Program	Rural Skewed Intersections Enhancements Complete detailed design of 2 rural skewed intersection for potential remedial action. Allocate funding to implement geometric modifications at 2 rural skewed intersections.	Rural Area	2022 Road Safety Action Plan Program	1,900,000	Traffic Services
Road Safety Action Plan Program	Safety Edges Pilot evaluation on-going until 2026. Interim NSSP construction specification standard to be used for safety edge implementation until City standard specification development in 2023. Safety Edges to be implemented on Rural Roads as part of the 2022 resurfacing program. Total number of corridors to be determined.	Rural Area	2022 Road Safety Action Plan Program	100,000	Traffic Services, Infrastructure Services
Road Maintenance	Shoulder Maintenance in Rural Areas Shoulder maintenance priority process developed in 2020. Upgrade approximately 22 linear km of gravel shoulders on rural roads to help reduce the occurrence of edge drop-off related incidents.	Rural Area	2022 Road Safety Action Plan Program	125,000	Roads Services, Traffic Services
Road Safety Action Plan Program	At-Grade Rail Crossing Compliance Complete required modifications at 1 at grade rail crossing to comply with Transport Canada Grade Crossing Regulations.	Intersections	2022 Road Safety Action Plan Program	300,000	Traffic Services
Road Safety Action Plan Program	Protected Left-Turns Implement geometric modifications at 1 high ranking location for fully protected left turn installation where geometric revisions are required. Update protected left turn screening and implement protected left turn phasing at up to 5 locations where no geometric revisions are required and/or conduct functional design studies if geometric revisions are required.	Intersections	2022 Road Safety Action Plan Program	500,000	Traffic Services
Road Safety Action Plan Program	Rail Safety Studies Complete a Detailed Safety Assessment (DSA) together with the rail authority at 1 at-grade rail crossing.	Intersections	2022 Road Safety Action Plan Program	5,000	Traffic Services, Rail Authority
New Traffic Control Devices Program	Traffic Control Devices Allocate additional funding to the New Traffic Control Devices Program to design 1 intersection that meets warrants for traffic signals and partial funding to initiate construction at the location designed as part of the 2020 RSAP Implementation Plan.	Intersections	2022 Road Safety Action Plan Program	670,000	Traffic Services

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Partner Initiative	Impaired Driver Enforcement Deliver the Monthly RIDE Program(s) - Intelligence-led RIDE program deployed across the City. Deliver the Summer Market Enforcement Blitz, which is a targeted enforcement initiative in the Byward Market.	High risk drivers - Impaired	Internal Staff Resources	-	Ottawa Police Services
Partner initiative	Teen Safety Week Deliver an impaired driving (drugs and alcohol) educational initiative targeted towards teens.	High risk drivers - Impaired	Internal Staff Resources	-	Traffic Services, Ottawa Police Services, Ottawa Public Health
Partner Initiative	Leave the Phone Alone Deliver distracted driving enforcement blitzes.	High risk drivers - Distracted	Internal Staff Resources	-	Traffic Services, Ottawa Police Services
Partner initiative	Automated License Plate Recognition Enforcement Deploy automated license plate recognition devices across the city to enforce suspended drivers.	High risk drivers - All	Internal Staff Resources	-	Ottawa Police Services
Partner Initiative	Selective Traffic Enforcement Program (STEP) Conduct monthly enforcement initiatives related to - Follow too close, stop sign violations, unsafe lane changes, red-light running, school bus/school safety zone, impaired driving, unsafe vehicles and heavy trucks, cycling safety, motorcycle safety, pedestrian safety, speeding, construction zones, distracted driving, etc...	High risk drivers - All	Internal Staff Resources	-	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	-	Traffic Services, Transportation Planning, Planning Services, Infrastructure Services
Road Safety Action Plan Program	Automated Speed Enforcement Install 12 new Automated Speed Enforcement Cameras in the vicinity of schools.	High risk drivers - Aggressive	2022 Automated Speed enforcement Camera	-	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	2022 Road Safety Action Plan Program	50,000	Traffic Services
Road Safety Action Plan Program	New - Conduct a Review of the Best Delivery Model for School Bus Camera Work with the school bus consortia and stakeholders to review and establish the best delivery method for a school bus camera program. The goal is to report back to TRC in Q2 2023 with an implementation plan for the program.	High risk drivers - Aggressive	Internal Staff Resources	100,000	Traffic Services

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Road Safety Action Plan Program	New - Development of Selection Criteria for Playground and High-Speed Sites Site selection criteria will be developed to ensure a data driven, consistent approach for selection and implementation of speed cameras at: - playgrounds; and, - locations with high levels of speeding and/or street racing.	High risk drivers - Aggressive	2022 Road Safety Action Plan Program	120,000	Traffic Services
Road Safety Action Plan Program	New - School Zone Policy Update Review best practices and develop an update to the policy for selecting school areas and zones. Updated policy and selection criteria, as approved by Council, to be in effect by Q3, 2023.	High risk drivers - Aggressive	2022 Road Safety Action Plan Program	80,000	Traffic Services
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	2022 Road Safety Action Plan Program	600,000	Traffic Services, Transportation Planning, Infrastructure 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 on City right-of-way.	Road Safety Culture	Internal Staff Resources	-	Traffic Services, Transportation Planning, Infrastructure Services
Safer Roads Ottawa	Road Safety Communications & Education Strategy Continue to deliver initiatives identified in the 2021-2022 Communications/ Education Strategy with an emphasis on changing road safety culture of road users across the City. Development of the 2023-2024 RSAP Communications Strategy.	Road Safety Culture	2022 Safer Roads Ottawa	-	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 five virtual training sessions in 2022 and one training session developed for elected officials after the 2022 municipal election.	Road Safety Culture	2022 Road Safety Action Plan Program	30,000	Traffic Services
Partner initiative	Fatal Collision Review Committee (FCRC) Undertake review of all fatal collisions in the city to determine contributing factors, as per the terms of reference of the FCRC.	All	Internal Staff Resources	-	Ottawa Police Services, Traffic Services, Regional Supervising Coroner
Partner initiative	NEW - Traffic Enforcement Plan Develop a data driven, intelligence-based traffic enforcement plan which includes initiatives to support the Road Safety Action Plan. Deliver identified enforcement initiatives as resources permit.	All	Internal Staff Resources	-	Ottawa Police Services
Safer Roads Ottawa	Various Community Outreach Activities Undertake 30 Safer Roads Ottawa engagement initiatives per year at various locations. Modify delivery format due to continued presence of COVID-19.	All	2022 Safer Roads Ottawa	-	Traffic Services