

Document 1: 2021 Road Safety Action Plan (RSAP) - Implementation Plan - STATUS UPDATE

In the table below are listed the initiatives undertaken as part of the 2021 RSAP Implementation Plan along with a status update for each, as of the end of 2021. Initiatives include those funded by the \$4 million allocated in the City's 2021 Budget for the Road Safety Action Plan Program.

2021 Budget RSAP Funding: \$ 4,000,000.00

Lead	Initiative Description and Deliverables	Emphasis Area	Funding Source	2021 RSAP Budget Breakdown	Status	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. Modify delivery format due to continued presence of COVID-19.	Vulnerable Road Users - Pedestrians & Cyclists	2021 Safer Roads Ottawa	-	Partially Completed: 9/24 events	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. Modify delivery format due to continued presence of COVID-19.	Vulnerable Road Users - Pedestrians	2021 Safer Roads Ottawa	-	On-Hold: Insufficient resources to dedicate to this initiative	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	2021 Road Safety Action Plan Program	25,000	Completed: Ladder markings implemented at 11 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 and report total LPI and "No right turn on red restrictions" implemented on an annual basis.	Vulnerable Road Users - Pedestrians	Internal Staff Resources	-	In-progress: 157 of 1197 signalized intersection have LPI features. LPI implemented at 16 new locations. "No right turn on red" implemented at 4 new locations.	Traffic Services
Partner initiative	Operation Impact (Interlude) Deliver school zone enforcement blitzes as operations allow	Vulnerable Road Users - Pedestrians	Internal Staff Resources	-	Completed: Under the name of Operation Interlude	Ottawa Police Services
New Traffic Control Devices Program	NEW - Pedestrian Crossings at Roundabouts Allocate funding to the New Traffic Control Devices Program to install PXO crossings at the remaining three roundabouts that currently do not have them.	Vulnerable Road Users - Pedestrians	2021 Road Safety Action Plan Program	600,000	Completed: PXOs installed at two roundabouts. In-progress: Design underway, construction planned for 2022 at one location	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	2021 Road Safety Action Plan Program	100,000	In-progress: one signalized location identified for pedestrian accessibility related upgrades.	Traffic Services
Road Safety Action Plan Program	NEW - Motorcycle Safety Strategy Develop a comprehensive motorcycle safety strategy. This includes creating a motorcycle safety working group consisting of key internal and external stakeholders, conducting annual collision data monitoring and continued education, enforcement and engineering countermeasures.	Vulnerable Road Users - Motorcyclists	2021 Road Safety Action Plan Program	-	In-progress: Working group established and annual collision data coding established and completed.	Traffic Services
Partner initiative	Motorcycle Education/ Outreach - Take it to the Track Work with high risk motorcycle drivers to encourage them to drive responsibly on the roadways when engaging in racing, etc. as part of the "Take it to the Track" initiative as operations allow. Modify delivery format due to continued presence of COVID-19.	Vulnerable Road Users - Motorcyclists	Internal Staff Resources	-	Modified: Implemented Operation Noisemaker	Ottawa Police Services, Traffic Services

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Safer Roads Ottawa	Motorcycle Safety Courses Provide training for 300 riders. Modify delivery format due to continued presence of COVID-19.	Vulnerable Road Users - Motorcyclists	2021 Safer Roads Ottawa	-	Partially Completed: 15 sessions delivered (total of 66 attendees)	Traffic Services
Partner initiative	Project Erase Undertake enforcement targeting sport motorcycles and modified cars as operations allow	Vulnerable Road Users - Motorcyclists	Internal Staff Resources	-	Completed: Under the name of Operation Noisemaker	Ottawa Police Services
Partner initiative	Bicycle Safety Enforcement Blitz Deliver enforcement initiatives related to illegal use of bicycle lanes and safe passing (1m rule) of cyclists as operations allow	Vulnerable Road Users - Cyclists	Internal Staff Resources	-	Modified: Completed monthly e-scooter enforcement instead	Ottawa Police Services
Cycling Safety Improvement Program	Cycling Safety Enhancements Allocate funding to the Cycling Safety Improvement Program to implement cycling enhancements at one location. Provide additional funding to complete detailed design for 3 high-volume cycling/vehicle interaction locations (selected from total of 74 intersections identified as part of preliminary screening).	Vulnerable Road Users - Cyclists	2021 Road Safety Action Plan Program	980,000	In-progress: Designs underway, to be completed Q2 2022. Allocated a portion of funding to the Bank Street Canal Bridge (project currently on-hold).	Traffic Services
Cycling Safety Improvement Program	NEW - 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	2021 Road Safety Action Plan Program	60,000	On-hold: Pending release of Ontario Traffic Manual Book 18 - Cycling Facilities to ensure compliance with new guidance.	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	2021 Safer Roads Ottawa	-	In-progress: Educational videos and in-school booster seat presentations being developed.	Traffic Services, External Partners
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	2021 Road Safety Action Plan Program	150,000	In-progress: Signage and/or pavement marking changes completed at 9 locations in 2021, flashing beacon and lighting changes to be completed by Q3 2022.	Traffic Services
Road Safety Action Plan Program	NEW - Rural Curve Enhancements Enhanced delineation on horizontal curves identified through the new network screening process to improve safety. Enhance 5 locations.	Rural Area	2021 Road Safety Action Plan Program	25,000	In-progress: Reviews completed and work orders issued, pending installation at 5 rural curve locations in Spring 2022.	Traffic Services
Road Safety Action Plan Program	NEW - Rural Skewed Intersections Enhancements Complete detailed design of 3 rural skewed intersection for potential remedial action based on 2020 Safety Study of Ottawa Rural Skewed Intersections. Complete implementation of short-term countermeasures identified in 2020 Safety Study of Ottawa Rural Skewed Intersections.	Rural Area	2021 Road Safety Action Plan Program	620,000	In-progress: Designs underway, to be completed Q3 2022. Short-term countermeasures complete.	Traffic Services
Partner initiative	Rural Speed Enforcement Conduct rural speed enforcement blitzes as operations allow.	Rural Area	Internal Staff Resources	-	Cancelled: Insufficient resources to dedicate to this initiative	Ottawa Police Services

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Road Safety Action Plan Program	Safety Edges Complete pilot study to evaluate constructability and maintenance. If acceptable pilot study results are achieved, create specifications for safety edge installation and identify a process to select locations for rural road resurfacing projects starting in 2022.	Rural Area	2021 Road Safety Action Plan Program	30,000	In-progress: Pilot evaluation on-going until 2026. Interim construction specification to be used for safety edge implementation until City standard specification development in 2023.	Traffic Services, Infrastructure Services
Road Maintenance	Shoulder Maintenance in Rural Areas Shoulder maintenance priority process developed in 2020. Upgrade approximately 20 linear km of gravel shoulders on rural roads to help reduce the occurrence of edge drop-off related incidents.	Rural Area	2021 Road Safety Action Plan Program	100,000	Completed: 20.9 km rural shoulders	Roads Services, Traffic Services
Road Safety Action Plan Program	NEW - Longitudinal Rumble Strips Develop a guideline to select locations on candidate rural road resurfacing projects.	Rural Area	Internal Staff Resources	-	In-progress: Draft guideline completed and internal consultations underway - anticipate final guidelines by Q2 2022	Traffic Services, Transportation Planning, Infrastructure Services
Road Safety Action Plan Program	Road Safety Audits Implement guidelines and support various stakeholders in the Road Safety Audit (RSA) process.	Road Safety Culture	Internal Staff Resources	-	Completed: Guidelines complete. RSAs included on 9 City projects.	Traffic Services, Transportation Planning, Infrastructure Services
Safer Roads Ottawa	Road Safety Communications & Education Strategy Communications Strategy to be completed in Q1 2021. Move to implementation phase and incorporate the Get There with Care initiative from 2020 plan. Deliver initiatives identified in the communications/ education strategy with an emphasis on changing road safety culture of road users across the city.	Road Safety Culture	2021 Safer Roads Ottawa	-	Completed: 2021-2022 Communications Strategy developed and 2021 Communications Plan delivered.	Traffic Services, Public Information & Media Relations, Ottawa Public Health
Road Safety Action Plan Program	Road Safety Training Course (Safety School) - Develop a road safety training course 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 will focus on contributing factors to collisions, human factors associated with design and how road users use the system. - Deliver three virtual training sessions in 2021 (Delayed in 2020 due to COVID-19). Modify delivery format due to continued presence of COVID-19.	Road Safety Culture	2021 Road Safety Action Plan Program	30,000	Completed: 5 courses given with 128 staff completing the course.	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	2021 Road Safety Action Plan Program	100,000	Completed: Pavement marking revisions implemented at one at-grade crossing to address vulnerable road user concerns. Pavement marking and signage changes implemented at all at-grade crossings to comply with recently updated Manual of Uniform Traffic Control Devices for Canada (MUTCDC).	Traffic Services
Safer Roads Ottawa	Emerging Safety Devices Pilot, test, and evaluate new emerging safety devices that have proven safety benefits.	Intersections	2021 Safer Roads Ottawa	-	On-hold: Bus lane enforcement considered but incidents down due to COVID traffic pattern changes	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.	Intersections	2021 Road Safety Action Plan Program	470,000	In-progress: Functional design completed for two intersections, detailed design and construction planned for 2022.	Traffic Services
Road Safety Action Plan Program	Rail Safety Studies Complete a Detailed Safety Assessment (DSA) together with the rail authority at 5 at-grade rail crossings.	Intersections	2021 Road Safety Action Plan Program	10,000	Completed: Completed 5 Detailed Safety Assessments, jointly with Rail Authority.	Traffic Services, Rail Authority

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New Traffic Control Devices Program	Traffic Control Devices Allocate additional funding to the New Traffic Control Devices Program to design 1 intersection that meet warrants for traffic signals	Intersections	2021 Road Safety Action Plan Program	250,000	On-hold: Intersection to be selected in 2022	Traffic Services
Safety Improvement Program	NEW - Intersection Sight Distances Guideline Update Sight Distance Measurement Guidelines	Intersections	Internal Staff Resources	-	In-progress: To be completed in Q1 2022	Traffic Services
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	-	Completed: Series of 10 Festive Rides with MADD via MADD grants and Paid Duties	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	-	Cancelled: Insufficient resources to dedicate to this initiative	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	-	Cancelled: Insufficient resources to dedicate to this initiative and COVID restrictions prevented the school campaign	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	-	Completed: ALPR deployed but not to full capabilities. Used for suspended driver only due to extension of expired validation tags by Province.	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	-	Cancelled: Insufficient resources to dedicate to this initiative	Ottawa Police Services
Road Safety Action Plan Program	30 km/h Designs for Local Roads Guidelines to be completed in Q1 2021. 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	-	Completed: Guidelines completed and included 30 km/h designs on 18 roadways funded in 2021	Traffic Services, Transportation Planning, Planning Services, Infrastructure Services
Road Safety Action Plan Program	Automated Speed Enforcement Complete review of automated speed enforcement (ASE) pilot locations to determine effectiveness of ASE and report to Transportation Committee and Council in Q3 2021.	High risk drivers - Aggressive	Internal Staff Resources	-	Completed: Pilot results reported to Council in October 2021	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	2021 Road Safety Action Plan Program	50,000	In-progress: 18/23 completed and remaining 5 to be completed in 2022	Traffic Services
Partner Initiative	Operation Springboard Deliver intelligence-led intersection enforcement initiative	High risk drivers - Aggressive	Internal Staff Resources	-	Cancelled: Insufficient resources to dedicate to this initiative	Ottawa Police Services

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Red Light Running Program	Red Light Running Cameras Install 10 new red light running cameras	High risk drivers - Aggressive	Self-funding	-	In-progress: Installation to be completed by Q1 2022	Traffic Services
Partner Initiative	Speed Enforcement Assign speed related enforcement initiatives based on intelligence-led (data based). Traffic Services provides all speed data to OPS to help in selection of enforcement locations. SRO will be working closely with OPS to target speeding interventions	High risk drivers - Aggressive	Internal Staff Resources	-	Completed: Under the name of Operation Noisemaker	Ottawa Police Services
Traffic Calming in School Areas	Traffic Calming in School Areas Develop a program to identify and implement engineered traffic calming measures in the vicinity of schools. Implement measures at 3 schools.	High risk drivers - Aggressive	2021 Road Safety Action Plan Program	400,000	In-progress: Program developed. Designs completed 2021, construction in 2022	Traffic Services, Transportation Planning, Infrastructure Services Ottawa Public Health
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	-	On-going: Meetings occur throughout the year	Ottawa Police Services, Traffic Services, Regional Supervising Coroner
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	2021 Safer Roads Ottawa	-	Partially Completed: 20/30 events completed	Traffic Services
Road Safety Action Plan Program	NEW - Towards Zero Fatalities by 2035 - Financial Review Review of operational and capital cost implications to achieve zero traffic fatalities on our roads by 2035.	All	Internal Staff Resources	-	In-progress: Draft report received. Anticipated completion Q1 2022.	Traffic Services