

Document 2: 2021 Road Safety Action Plan (RSAP) - Implementation Plan - INITIATIVES

In the table below are listed the initiatives that will be undertaken as part of the 2021 RSAP Implementation Plan. 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	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	-	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	-	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	Traffic Services
Road Safety Action Plan Program	Leading Pedestrian Interval & No Right Turn on Red Apply 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	-	Traffic Services
Partner initiative	Operation Impact Deliver school zone enforcement blitzes as operations allow	Vulnerable Road Users - Pedestrians	Internal Staff Resources	-	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	Traffic Services

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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	Traffic Services
Road Safety Action Plan Program	NEW - Motorcycle Safety Program Develop a comprehensive motorcycle safety program. 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	-	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	-	Ottawa Police Services, Traffic Services
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	-	Traffic Services
Partner initiative	Project Erase Undertake enforcement targeting sport motorcycles and modified cars as operations allow	Vulnerable Road Users - Motorcyclists	Internal Staff Resources	-	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	-	Ottawa Police Services
Safer Roads Ottawa	Cycling Safety Courses Deliver Cycling Safety Courses to 50 adults. Modify delivery format due to continued presence of COVID-19.	Vulnerable Road Users - Cyclists	2021 Safer Roads Ottawa	-	Traffic 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	Traffic Services

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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	Traffic Services
Safer Roads Ottawa	Best Fit Car Seat Clinics Provide education, awareness, and proper installation of car seats for 550 installations. Modify delivery format due to continued presence of COVID-19.	Vulnerable Road Users	2021 Safer Roads Ottawa	-	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	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	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	Traffic Services
Partner initiative	Rural Speed Enforcement Conduct rural speed enforcement blitzes as operations allow.	Rural Area	Internal Staff Resources		Ottawa Police Services
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	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	Roads Services, Traffic Services

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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	-	Traffic Services, Transportation Planning, Infrastructure Services
Road Safety Action Plan Program	Road Safety Audits Guidelines completed in 2020. Implement guidelines and support various stakeholders in the RSA process.	Road Safety Culture	Internal Staff Resources	-	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	-	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 (or more) 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	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	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	-	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	Traffic Services

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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	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 meet warrants for traffic signals	Intersections	2021 Road Safety Action Plan Program	250,000	Traffic Services
Safety Improvement Program	NEW - Intersection Sight Distances Guideline Update Sight Distance Measurement Guidelines	Intersections	Internal Staff Resources	-	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	-	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

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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, reconstructions or traffic calmed roadways.	High risk drivers - Aggressive	Internal Staff Resources	-	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	-	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	Traffic Services
Partner Initiative	Operation Springboard Deliver intelligence-led intersection enforcement initiative	High risk drivers - Aggressive	Internal Staff Resources	-	Ottawa Police Services
Red Light Running Program	Red Light Running Cameras Install 10 new red light running cameras	High risk drivers - Aggressive	Self-funding	-	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	-	Ottawa Police Services
Traffic Calming in School Areas	Traffic Calming in School Areas Develop a program to identify and implement engineered traffic calming measures to achieve 30 km/h vehicle operating speeds in the vicinity of schools on residential or minor collector streets. Implement measures at 3 schools	High risk drivers - Aggressive	2021 Road Safety Action Plan Program	400,000	Traffic Services, Transportation Planning, 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	-	Ottawa Police Services, Traffic Services, Regional Supervising Coroner

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Partner initiative	Health Data Surveillance Ottawa Public Health to provide epidemiological support to help understand road safety issues and identify areas for moving forward	All	Internal Staff Resources	-	Ottawa Public Health
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	-	Traffic Services