

**Document 1 - 2020 Road Safety Action Plan (RSAP) Implementation Plan - Status Update**

In the table below are a list of the initiatives included in the 2020 RSAP Implementation Plan and the status of each initiative.

**2020 Budget RSAP Funding: \$ 4,000,000.00**

Lead	Initiative Description and Deliverables	Emphasis Area	Funding Source	2020 SRSAP Draft Budget Breakdown	Status	Delivered by	COMMENTS
Safer Roads Ottawa	<b>Be Safe Be Seen</b> 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	2020 Safer Roads Ottawa	-	<b>On-hold:</b> COVID restricted ability to undertake in-person events	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	2020 Safer Roads Ottawa	-	<b>On-hold:</b> COVID restricted ability to undertake in-person events	Traffic Services, Ottawa Police Services, Ottawa Public Health	
Road Safety Action Plan Program	<b>Ladder Markings</b> - Review existing ladder marking criteria and develop a systematic approach to prioritize locations for high visibility ladder markings in crosswalks. - Implement high-visibility ladder markings at 10 locations.	Vulnerable Road Users - Pedestrians	2020 Road Safety Action Plan Program	25,000	<b>Completed:</b> Ladder markings implemented at 12 Locations. Ladder marking criteria updated	Traffic Services	
Road Safety Action Plan Program	<b>Leading Pedestrian Interval</b> - Develop a leading pedestrian interval (LPI) assessment and implementation guideline which prioritizes intersections near schools across the city and those within the central business district - Proactively review 300 locations and implement LPI where criteria are met.	Vulnerable Road Users - Pedestrians	Internal Staff Resources	-	<b>Completed -</b> School and Central Business District areas reviewed. LPI installed (existing+new locations): -46 locations within 225m of school -17 locations within the CBD	Traffic Services	
Partner initiative	<b>Operation Impact</b> Deliver school zone enforcement blitzes as operations allow	Vulnerable Road Users - Pedestrians	Internal Staff Resources	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Ottawa Police Services	
New Traffic Control Devices Program	<b>Pedestrian Signals</b> Allocate funding to the New Traffic Control Devices Program to install 2 additional pedestrian signals at locations that meet warrants	Vulnerable Road Users - Pedestrians	2020 Road Safety Action Plan Program	400,000	<b>Completed:</b> Pedestrian signal installed at Metcalfe & Waverly <b>In-progress:</b> Design underway with construction planned for 2021 at Bay & Gladstone (further review resulted in requirement for full traffic control signal)	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 up to 10 locations	Vulnerable Road Users - Pedestrians	2020 Road Safety Action Plan Program	100,000	<b>Completed:</b> Measures implemented at 5 locations <b>Postponed:</b> 2 locations to be completed in Spring 2021	Traffic Services	
Road Safety Action Plan Program	<b>Motorcycle Collision Coding Summary</b> Review and classify all motorcycle collisions to identify targeted areas for safety improvement (education, engineering or enforcement)	Vulnerable Road Users - Motorcyclists	Internal Staff Resources	-	<b>Completed:</b> All 2014-2018 motor vehicle collisions involving motorcyclists reviewed and classified	Traffic Services	

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Road Safety Action Plan Program	<b>Motorcycle Collision Study</b> Conduct a comprehensive study of fatal and major injury motorcycle collision trends to identify cost effective countermeasures	Vulnerable Road Users - Motorcyclists	2020 Road Safety Action Plan Program	50,000	<b>In-progress:</b> Motorcycle study underway, to be completed in Q1 2021	Traffic Services	
Partner initiative	<b>Motorcycle Education/ Outreach - Take it to the Track</b> 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	Vulnerable Road Users - Motorcyclists	Internal Staff Resources	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Ottawa Police Services, Traffic Services	
Safer Roads Ottawa	<b>Motorcycle Safety Courses</b> Provide training for 300 riders	Vulnerable Road Users - Motorcyclists	2020 Safer Roads Ottawa	-	<b>On-hold:</b> COVID restricted ability to undertake in-person events	Traffic Services	
Partner initiative	<b>Project Erase</b> Undertake enforcement targeting sport motorcycles and modified cars as operations allow	Vulnerable Road Users - Motorcyclists	Internal Staff Resources	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Ottawa Police Services	
Partner initiative	<b>Bicycle Safety Enforcement Blitz</b> 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	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Ottawa Police Services	
Safer Roads Ottawa	<b>Bike Rodeos</b> Provide bike rodeos to 3,500 young bicyclists, to provide teach safe riding skills and rules of the road, through fun stations and demonstrations	Vulnerable Road Users - Cyclists	2020 Safer Roads Ottawa	-	<b>On-hold:</b> COVID restricted ability to undertake in-person events	Traffic Services, Transportation Planning, City-wide Programs, Aquatics and Special Services	
Safer Roads Ottawa	<b>Cycling Safety Courses</b> Deliver Cycling Safety Courses to 50 adults	Vulnerable Road Users - Cyclists	2020 Safer Roads Ottawa	-	<b>On-hold:</b> COVID restricted ability to undertake in-person events	Traffic Services	
Cycling Safety Improvement Program	<b>Cycling Safety Enhancements</b> Allocate funding to the Cycling Safety Improvement Program to implement geometric modifications at 1 high-volume cycling/vehicle interaction location	Vulnerable Road Users - Cyclists	2020 Road Safety Action Plan Program	380,000	<b>Completed:</b> Functional design <b>In-progress:</b> Detailed design underway for Smyth & Riverside Hospital	Traffic Services	
Cycling Safety Improvement Program	<b>Cycling Technologies</b> Pilot and evaluate emerging cycling technologies at 2 locations per year, ex. curb products, cycling detection feedback, etc.	Vulnerable Road Users - Cyclists	2020 Road Safety Action Plan Program	20,000	<b>Completed:</b> Bike LED bollard for cycling detection feedback tested at one location. Product returned to vendor as more adjustments required	Traffic Services	
Cycling Safety Improvement Program	<b>High Cycling/Vehicle Interaction Study</b> Develop conceptual designs and cost estimates for roadway modifications to improve cycling (and pedestrian) safety at locations with high volume of cyclists and vehicular traffic. Consultant assignment underway, results expected by Q1 2020	Vulnerable Road Users - Cyclists	2019 Safety Improvement Program	-	<b>Completed:</b> Study complete, informational report provided to Transportation Committee and Council Oct 2020	Traffic Services, Transportation Planning	
Road Safety Action Plan Program	<b>Red Reverts Elimination</b> - Assess site specific operations related to "Red Revert" to determine if there are special cases where an actuation can be held if vehicle/bike were to move off the sensor after other measures to improve signal adherence have been explored. - Review all signalized multi-use pathway crossings and crossride locations and implement	Vulnerable Road Users - Cyclists	Internal Staff Resources	-	<b>In-progress:</b> Traffic Control Signal System development work is currently underway, field implementation in spring 2021	Traffic Services	

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Safer Roads Ottawa	<b>Get There with Care</b> Deliver a targeted campaign promoting responsible mobility by all road users	Vulnerable Road Users - All	2020 Safer Roads Ottawa	-	<b>On-hold:</b> COVID restricted ability to undertake in-person events	Traffic Services, Ottawa Public Health	
Safer Roads Ottawa	<b>Best Fit Car Seat Clinics</b> Provide education, awareness, and proper installation of car seats for 550 installations	Vulnerable Road Users	2020 Safer Roads Ottawa	-	<b>On-hold:</b> COVID restricted ability to undertake in-person events	Traffic Services, External Partners	
Safety Improvement Program	<b>Network Screening for Rural Collisions</b> Develop Safety Performance Functions (SPFs) for specific rural related collision categories to be used for network screening to identify locations for safety improvements	Rural Area	2020 Safety Improvement Program	-	<b>Completed:</b> Study complete	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 along one corridor (10-15 intersections)	Rural Area	2020 Road Safety Action Plan Program	340,000	<b>In-progress:</b> 18 locations identified for further review (street lighting review, flashing beacons, vegetation clearing, signs or pavement marking)	Traffic Services	
Road Safety Action Plan Program	<b>Rural Skewed Intersections</b> - Review and prioritize locations for upgrade from rural "skewed" intersection to standard intersection (ex. Dalmeny at Gordon Murdock) - Prepare functional designs for 12 intersections to close channel and modify intersection to accommodate turning movements.	Rural Area	2020 Road Safety Action Plan Program	100,000	<b>Completed:</b> Study complete	Traffic Services	
Partner initiative	<b>Rural Speed Enforcement</b> Conduct rural speed enforcement blitzes as operations allow.	Rural Area	Internal Staff Resources	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Ottawa Police Services	
Road Safety Action Plan Program	<b>Safety Edges</b> Update specifications, identify process to select locations and implement safety edge treatment on candidate rural road resurfacing projects	Rural Area	Internal Staff Resources	-	<b>Completed:</b> Safety edges implemented on Malakoff between Pollock and Roger Stevens <b>In-progress:</b> Pilot study to	Traffic Services, Infrastructure Services	
Road Maintenance	<b>Shoulder Maintenance in Rural Areas</b> Review and update process to include a proactive data-driven approach to identifying shoulder maintenance priorities on rural roads to help reduce the occurrence of edge drop-off related incidents.	Rural Area	Internal Staff Resources	-	<b>Completed:</b> Shoulder maintenance priority process developed	Roads Services, Traffic Services	
Road Safety Action Plan Program	<b>Road Safety Audits</b> - Develop a policy document with internal City groups detailing new requirements for Road Safety Audits - Develop guidelines to identify which roadway modifications or new construction projects require pre- and post-construction detailed safety reviews	Road Safety Culture	Internal Staff Resources	-	<b>In-progress:</b> Draft guidelines developed and consultations with internal City groups complete	Traffic Services, Transportation Planning, Infrastructure Services	
Safer Roads Ottawa	<b>Road Safety Communications &amp; Education Strategy</b> Develop and deliver an overall communications/ education strategy with an emphasis on changing road safety culture of road users across the city	Road Safety Culture	2020 Safer Roads Ottawa	-	<b>In-progress:</b> Strategy to be complete Q1 2021	Traffic Services, Public Information & Media Relations, Ottawa Public Health	
Road Safety Action Plan Program	<b>Road Safety Training Course (Safety School)</b> - 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.	Road Safety Culture	2020 Road Safety Action Plan Program	100,000	<b>In-progress:</b> Course delivery delayed in 2020 due to Covid. Course content development underway. Three virtual courses to be delivered in 2021.	Traffic Services	

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Road Safety Action Plan Program	<b>At-Grade Rail Crossing Compliance</b> Complete required modifications at two at grade rail crossing to comply with Transport Canada Grade Crossing Regulations.	Intersections	2020 Road Safety Action Plan Program	150,000	<b>Completed:</b> Three grade crossings reviewed, and in consultation with Transport Canada it was determined that no modifications are required	Traffic Services	
Safer Roads Ottawa	<b>Emerging Safety Devices</b> Pilot, test, and evaluate new emerging safety devices that have proven safety benefits.	Intersections	2020 Safer Roads Ottawa	-	<b>In-progress:</b> Exploring municipal bus lane enforcement technologies with different vendors	Traffic Services	
Safety Improvement Program	<b>Intersection Modifications at High Collision Location</b> Undertake design at one high collision intersection identified through the new network screening process	Intersections	2020 Road Safety Action Plan Program	200,000	<b>In-progress:</b> Functional design underway for selected location at Albion & Mitch Owens	Traffic Services	
Safety Improvement Program	<b>Laurier and Elgin Modifications</b> - Undertake a detailed design for a protected intersection and segregated westbound cycling facilities at the intersection of Laurier and Elgin	Intersections	2020 Safety Improvement Program	-	<b>In-progress:</b> Functional design complete in Q1 2021 with detailed design to start in 2021	Traffic Services, Infrastructure Services	
Safety Improvement Program	<b>Network Screening for Intersection Collisions</b> Develop Safety Performance Functions (SPFs) for specific intersection related collision categories to be used for network screening to identify locations for safety improvements	Intersections	2020 Safety Improvement Program	-	<b>Completed:</b> Study complete	Traffic Services	
Road Safety Action Plan Program	<b>No Right Turn on Red Prohibitions</b> - Review 300 signalized intersections to implement No Right Turn on Red restrictions - Implement where criteria are met.	Intersections	Internal Staff Resources	-	<b>Completed:</b> Review complete - need more information from Signals	Traffic Services	
Road Safety Action Plan Program	<b>Protected Left-Turns</b> - Develop a systematic approach to review and prioritize locations for fully protected left turn installations to mitigate left-turn collisions. - Implement fully protected left turn installations at 10 locations where no geometric revisions are required	Intersections	2020 Road Safety Action Plan Program	300,000	<b>In-progress:</b> 9 locations complete and 1 location scheduled for Spring 2021	Traffic Services	
Road Safety Action Plan Program	<b>Rail Safety Studies</b> Complete a Detailed Safety Assessment (DSA) together with the rail authority at 14 at-grade rail crossings.	Intersections	2020 Road Safety Action Plan Program	20,000	<b>Completed:</b> Studies complete	Traffic Services, Rail Authority	
New Traffic Control Devices Program	<b>Traffic Control Devices</b> Allocate additional funding to the New Traffic Control Devices Program to undertake detailed design for 2 intersections that meet warrants for traffic signals	Intersections	2020 Road Safety Action Plan Program	500,000	<b>In-progress:</b> Detailed design underway at River & Leirtrim and Frank Kenney & Innes	Traffic Services	
Partner Initiative	<b>Impaired Driver Enforcement</b> - 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	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Ottawa Police Services	
Partner initiative	<b>Teen Safety Week</b> Deliver an impaired driving (drugs and alcohol) educational initiative targeted towards teens	High risk drivers - Impaired	Internal Staff Resources	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Traffic Services, Ottawa Police Services, Ottawa Public Health	

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Safer Roads Ottawa	<b>Drop it and Drive Presentations</b> Deliver the Drop it and Drive presentations to high school students to explain the consequences of driving while distracted	High risk drivers - Distracted	2020 Safer Roads Ottawa	-	<b>On-hold:</b> COVID restricted ability to undertake in-person events	Traffic Services	
Partner Initiative	<b>Leave the Phone Alone</b> Deliver distracted driving enforcement blitzes	High risk drivers - Distracted	Internal Staff Resources	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Traffic Services, Ottawa Police Services	
Safer Roads Ottawa	<b>Toe Tag Events</b> Deliver up to 3 collision recreations scenarios to high school students to emphasize the potential consequences of impaired/ distracted driving.	High risk drivers - Distracted	2020 Safer Roads Ottawa	-	<b>On-hold:</b> COVID restricted ability to undertake in-person events	Ottawa Fire Services, Ottawa Paramedics Services, Ottawa Police Services, Traffic Services, External Partners	
Partner initiative	<b>Automated License Plate Recognition Enforcement</b> Deployment of automated license plate recognition devices across the city to enforce suspended drivers - enhanced enforcement	High risk drivers - All	Internal Staff Resources	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Ottawa Police Services	
Partner Initiative	<b>Selective Traffic Enforcement Program (STEP)</b> 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	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Ottawa Police Services	
Road Safety Action Plan Program	<b>30 km/h Design Guideline</b> Develop a 30 km/h Design Guideline to identify design guidance to achieve a 30 km/h target speed for new roadways, reconstructions or traffic calmed roadways.	High risk drivers - Aggressive	Internal Staff Resources	-	<b>In-progress:</b> Design guideline to be completed Q1 2021. 30 km/h design elements included in 34 upcoming integrated road, sewer and watermain reconstruction projects.	Traffic Services, Transportation Planning, Planning Services, Infrastructure Services	
Road Safety Action Plan Program	<b>Automated Speed Enforcement</b> Undertake a review of automated speed enforcement (ASE) pilot locations to determine effectiveness of ASE once provincial Regulations are in place.	High risk drivers - Aggressive	Internal Staff Resources	-	<b>In-progress:</b> Start of project delayed from March to July due to COVID. Report to Transportation Committee expected in Q3 2021.	Traffic Services	
Safety Improvement Program	<b>Curve Modifications at High Collision Location</b> Undertake a detailed design of one curve location identified through the new network screening process to improve safety.	High risk drivers - Aggressive	Internal Staff Resources	100,000	<b>Completed:</b> Enhanced delineation on one rural curve on Dwyer Hill between Purdy and O'Neil	Traffic Services	
Speed Limit Changes	<b>Gateway Speed Limit Signage</b> Increase funding to install Gateway Speed Limit signage to establish 40 km/h or 30 km/h speed limit areas within neighborhoods as per existing policies to double number of annual installations to one per ward	High risk drivers - Aggressive	2020 Road Safety Action Plan Program	50,000	<b>In-progress:</b> Gateway speed limits implemented in 20/23 wards with the remaining to be completed in Q2 2021	Traffic Services	
Partner Initiative	<b>Operation Springboard</b> Intelligence-led intersection enforcement initiative	High risk drivers - Aggressive	Internal Staff Resources	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Ottawa Police Services	
Red Light Running Program	<b>Red Light Running Cameras</b> Install 14 new red light running cameras	High risk drivers - Aggressive	Self-funding	-	<b>In-progress:</b> Installation underway, to be completed in 2021	Traffic Services	

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Partner Initiative	<b>Speed Enforcement</b> 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.	High risk drivers - Aggressive	Internal Staff Resources	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Ottawa Police Services	
Traffic Calming in School Areas	<b>Traffic Calming in School Areas</b> - 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	2020 Road Safety Action Plan Program	400,000	<b>In-progress:</b> Construction underway at Carleton Heights Public School, Prince of Peace Catholic School Ecole élémentaire publique Marie-Curie	Traffic Services, Transportation Planning, Ottawa Public Health	
Partner initiative	<b>Fatal Collision Review Committee (FCRC)</b> 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	-	<b>On-going:</b> Meetings occur throughout the year	Ottawa Police Services, Traffic Services, Regional Supervising Coroner	
Partner initiative	<b>Health Data Surveillance</b> Ottawa Public Health to provide epidemiological support to help understand road safety issues and identify areas for moving forward	All	Internal Staff Resources	-	<b>On-hold:</b> Resources re-allocated due to COVID response	Ottawa Public Health	
Road Safety Action Plan Program	<b>Staffing Resource Requirements:</b> - 1 Automated Enforcement Coordinator - 1 Road Safety Engineer - 1 Data Analyst - 2 Safer Roads Ottawa Officers	All	2020 Road Safety Action Plan Program	765,000	<b>Completed:</b> All positions hired	Traffic Services	
Safer Roads Ottawa	<b>Various Community Outreach Activities</b> Undertake 30 Safer Roads Ottawa engagement initiatives per year at various locations	All	2020 Safer Roads Ottawa	-	<b>On-hold:</b> COVID restricted ability to undertake in-person events	Traffic Services	