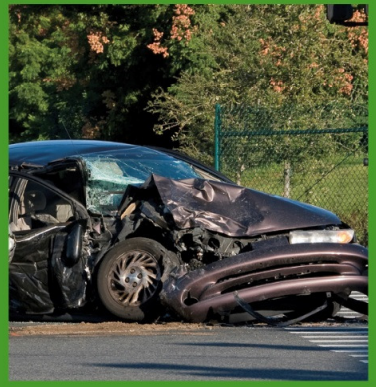














TRANSPORTATION SAFETY IMPLEMENTATION PLAN

stalbert.ca

City of St. Albert
Cultivate Life

Table of Contents

INTRODUCTION 2

FULL STRATEGY PROJECT &TASK LAYOUT 4

ANNUAL PROJECT & TASK LAYOUT 25

CLOSING 47

INTRODUCTION

Transportation safety is a fundamental and multifaceted priority. It means safety for all users, whether you drive, walk, cycle or travel by public transportation. As a resident or a visitor to our community, transportation safety affects us all.

In St Albert, many actions have been taken to improve traffic safety, reduce collisions and improve quality of life for residents; however, there is more to be done and it involves effort and partnership of the community. This is the focus of the St. Albert Transportation Safety Plan. It formalizes the City's commitment to traffic safety, sets the vision where no injuries or deaths occur in our community due to motor vehicle collisions, and identifies strategies that support this vision.

The following Transportation Safety Implementation Plan has been developed through a prioritization of strategies to target the key focus areas and utilize resources of the "5 E's" of traffic safety – Engineering, Education, Engagement, Enforcement and Evaluation to maximize opportunity to reduce severe collisions on our roadways.

The Implementation Plan provides two versions to view the strategic actions:

1) Full Strategy Project and Task Layout: This version of the Implementation Plan displays the summary of tasks associated with each individual strategy.

2) Annual Project and Task Layout: This version of the Implementation Plan displays a "year by year" listing of strategies and associated actions scheduled for completion.

The Strategies and timelines associated with the Implementation Plan may be influenced and amended based upon updated Network Screening results or annual budget considerations. Future strategies may be aligned to operating or capital projects to which funding may be pending.



Transportation Safety Plan Implementation

FULL STRATEGY PROJECT AND TASK LAYOUT

FULL STRATEGY PROJECT &TASK LAYOUT

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
DST-S1-A (Pg. 75)	Distracted Driving – Support Alberta Transportation' s Campaign addressing distractions	Communications	Engineering Enforcement	Alberta Transportation School Boards Local media (newspaper)	In progress	Align City safety campaigns with the Provincial monthly calendar. This is inclusive of relevant data collection where applicable for local context.
					In progress	Utilize Provincial safety campaign information relevant to fact sheets, and safety videos on the City website
					2019	Collaborate with the local Alberta Traffic Safety Consultant to align information and identify collaboration opportunity
					In progress	Continue the process each year – compile updated data and text
DST-S1-B (Pg. 76)	Distracted Driving – Dedicate enforcement resources to focused distracted driving	RCMP	Engineering Municipal Enforcement		In progress	Seek resources such as vehicles and equipment to RCMP officers to enhance capability of enforcing against distracted driving. This is relevant to type of vehicles and monitoring equipment that allow for visibility of driver behaviour in vehicles.
					In progress	Perform network screening to identify incidents / locations that may be aligned to collisions involving distracted driving – for example, rear end collisions.
					In progress, part of existing process	Continue joint operations activities, inclusive of distracted driving enforcement
DST-S1-C (Pg. 76)	Distracted Driving – Promote AMA's Family Driving Contract	Engineering	Municipal Enforcement Communications	School Boards Driving Schools AMA Local Youth Groups	2019	Investigate opportunity to align AMA information with the Provincial Safety Calendar and messaging.
DST-S1-D (Pg. 77)	Distracted Driving – Encourage Use of Anti-Distraction Apps	Engineering	IT Community and Social Development Engineering Enforcement	School Boards Driving Schools AMA Local Youth Groups	In progress	Monitor Provincial educational campaigns for any alignment to anti-distraction apps and notifications
					2019	Discuss and seek opportunities and information on available apps and notifications relevant to Distracted Driving through CRISP.
					Pending	Pending results of identifying available anti-distraction apps and alignment to the Provincial Safety Calendar or partnership through CRISP - Increase awareness of the apps and benefits through educational campaigns (align with Distracted Driving month safety campaign)

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
DST-S1-E (Pg. 78)	Distracted Driving – Promote existing ant-distraction programs such as "Drop it and Drive"	Engineering	Engineering RCMP Community and Social Development	Driving Schools School Boards Youth Groups CRISP	2020	Investigate the "Drop it and Drive" program
					Pending	Pending results of investigation of the program - discuss and seek opportunities of any application and partnership on delivery of a program through CRISP
INT-P1 (Pg. 79)	Skid Resistant Surfacing	Engineering	Public Works		In progress	Research various types of pavement surface treatments for impacts in improved stopping distances
					In progress	Perform network screening and identify intersections of high rear-end collisions
					2018	Apply treatments at high-priority locations, align work with capital network improvements where possible.
					Ongoing	Maintain the condition of treatments as required.
					Ongoing	Evaluate the installations in terms of the influence on safety and collision occurrence
					Pending	Depending on the success, expand the more cost-effective products to other locations.
INT-P2 (Pg. 80)	Modern Roundabout Program	Engineering	Public Works Transit Emergency Services Communications		2019	Update engineering standards to be inclusive of roundabout design standards following TAC, FHWA
					Pending	In alignment with transportation network improvements, conduct an evaluation or feasibility study to identify if intersections of planned improvements could be redesigned to a roundabout
					Ongoing	In alignment with new development applications, during development drawing review evaluate feasibility to integrate roundabout intersection designs
INT-P3 (Pg. 81)	Intersection Safety Devices	Municipal Enforcement	Engineering RCMP Communications		2019	Perform network screening to highlight intersection locations that are candidates meeting necessary criteria for Intersection Safety Camera Installations. Inclusive of safety improvements prior to enforcement activity. (Engineering)
					2019	Utilize Provincial Automated Enforcement Guidelines to evaluate recommended candidate sites for Intersection Safety Devices
					2019	Review and align objectives of the intersection safety camera program, consistent with the objectives of the Transportation Safety Plan. (Municipal Enforcement)
					Pending	Prioritize and plan expansion of the Intersection Safety Device program

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
INT-S1-A (Pg. 83)	Traffic Signal Operation Strategies – Adaptive Signal Control	Engineering	IT Communications		2018	Complete the Intelligent Transportation Systems (ITS) Strategy
					2018	Ensure field level traffic signal equipment can support the integration of adaptive signal control. (1st Priority St Albert Trail)
					2018	Install necessary field level sensors for corridor vehicle flow detection (1st Priority St Albert Trail)
					2018	Collect up to date traffic data to set expected parameters (1st Priority St Albert Trail)
					2018	Collect up to date data as a base point of corridor travel times, delay (1st Priority St Albert Trail)
					2019	Pilot forms of artificial intelligence and adaptive signal control systems: Set predetermined criteria on how systems will be evaluated for effectiveness
					2020	Complete an evaluation of the artificial intelligence technologies to measure performance effectiveness and move forward with network improvements (as prioritized by need).
					2021	Pending results of the evaluation – expand the adaptive / smart signal applications
					Ongoing	Monitor and maintain the system
INT-S1-B (Pg. 83)	Traffic Signal Operations Strategies – Protected Only Left Turn Phasing	Engineering	Communication		2018	Perform a network screen of collision occurrences at signalized intersections to identify left turn incident prone locations.
					2019	Conduct a protected-only left turn warrant analysis; this may be inclusive of timed increases of traffic volumes to reflect future demand based on growth or increased travel volumes.
					2019	From warrant analysis, identify locations that warrant the implementation of protected only left turn movements
					Pending	Complete public media notifications of changes
					2019	Install protected only left turns, with notification of signal operation changes in the field
					Ongoing	Monitor and evaluate effectiveness of implemented protected only left turn operations
INT-S1-C (Pg. 84)	Traffic Signal Operation Strategies –	Engineering	Communication Public Works		2018	Perform network collision screening to identify red-light violations or failure to obey traffic control collisions at signalized intersections. Prioritize network locations based on data.
					2019	Pilot the implementation of reflective backboards on signal heads.

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
	Signal Visibility Improvements				2020 - 2021	Monitor and evaluate effectiveness in reducing collision occurrence, or increased signal compliance by drivers
					2022	Implement network wide if proven effective; through a prioritized location strategy
INT-S2-A (Pg. 85)	Reduce Right Turn Incidents – Smart Channel Right Turn Design	Engineering	Planning & Development Communications		2019	Develop Smart Channel Right Turn design standards
					2019	Update Municipal Engineering Standards; incorporating the Smart Channel Right Turn Design
					Ongoing	Incorporate smart channel designs (as a standard) for all applicable capital project charter work
					2019	Design and conduct a smart channel right turn information form and education messaging - Align to safety website and messaging
					2019	At a top priority location construct smart channel design and perform analysis of impacts to right turn incidents
INT-S2-B (Pg. 86)	Reduce Right Turn Incidents – Public education regarding Free-Flow right turn traffic control	Communications	Engineering RCMP Municipal Enforcement	Driving Instruction Agencies School Boards	2021	Develop public education campaign / seek campaigns “in use” around appropriate behaviour for free-flow conditions
					2021	Utilize the City website safety page for dissemination of information – promote the safety page
PP-S1-A (Pg. 87)	Public Communication / Website about Transportation Safety and Projects	Communications	Engineering RCMP Municipal Enforcement	School Boards Alberta Transportation CRISP	2019	Review current relevant traffic safety information shared on the City website
					2019	Confirm information shared is correct and consistent
					2019	Identify and address any inaccuracies or gaps of information that may exist.
					2019	Engage with internal stakeholders to confirm what information they currently share, and information that may be missing; and the capability of resources to gather, compile and share information
					2019	Strategize regarding the collection of “new” data or information and allocate appropriate resources to perform actions.
					2020	Identify information items that may be provided from partners’ websites.
					2020	Identify staff leads for information gathering and messaging related to updates to the City website

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
					2020	Through the Communications group, review the layout and relevant traffic safety information on the website to connect information and make the experience of "finding" information friendly and accessible.
					2020	Plan the layout of information within the City website with communications and corporate staff.
					2020	Integrate local context photos and graphics in the delivery of messages – which may require design team assistance
					2021	Run the adjusted website and promote its changes / updates through media messaging
					2021	Refer active and vocal residents or stakeholders to the website for "updates" on City projects, policies and initiatives.
					2022	Monitor resident inquiries and usage of the website to influence further updates or additional information to ensure clear and concise messaging to benefit site users.
PP-S1-B (Pg. 88)	Conduct a knowledge, attitudes, and practices (KAP) survey	Engineering	Strategic Services & Communications RCMP Municipal Enforcement	CRISP	2019	Investigate opportunity for stronger involvement in the regional traffic safety culture survey through CRISP
PP-S1-C (Pg. 89)	Promote National Day of Remembrance for Road Crash Victims	Communications	Engineering Community and Social Development	CRISP Alberta Transportation	2019	Investigate messaging from the CCMTA
					2019	Align messaging and local context for information sharing through the City website and campaign to commemorate the National Day of Remembrance for Road Crash Victims
SV-S1-A (Pg. 91)	Autonomous & Connected Vehicles – Consult with Municipal, Provincial and National Working Groups	Smart City	Engineering	University of Alberta Alberta Transportation City of Edmonton	2021	Identity at least one national industry organization (such as TAC, ITE, CCMTA) and one municipal-based organization, such as FCM to participate in discussions with to stay fully aware of developments. Also discuss CAV with the City of Edmonton and Alberta Transportation.
					Ongoing	Seek opportunity for staff participation in discussion groups and committees.
				U of A	2018	

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
SV-S1-B (Pg. 91)	Pilot testing Connected Vehicles	Engineering	IT Communications			Continue collaboration with the University of Alberta and Smart Centre of Transportation on the "St Albert Trail Optimization' project that incorporates connected vehicle technology.
					2021	Review of the readiness of its current infrastructure to safely accommodate connected vehicles
					2021	Collaborate with traffic signal manufactures to prepare field level integration of upcoming technologies that will enable support for connected vehicle integration at the broader level.
SV-S1-C (Pg. 92)	Consider Autonomous Vehicles in all future planning	Engineering	Planning Economic Development	U of A Alberta Transportation	2021	During the City's update of the Transportation Master Plan, integrate a review of other long-term transportation plans and consult with municipalities and Alberta Transportation regarding its revised approach to planning in the context of autonomous vehicles.
					2021	Appropriately incorporate connected and autonomous vehicles in the City's next update to its Transportation Master Plan.
SV-S2-A (Pg. 94)	Ride-Hailing and Car-Sharing Service Strategies – Policy and Bylaw Updates	Business Licensing	Communications RCMP Municipal Enforcement	Alberta Transportation	Completed	Implement policy and bylaws to accommodate and regulate car-sharing and ride-sharing services.
					Ongoing	Manage and maintain the City's current Bylaw regulations.
					Ongoing	Monitor relevant provincial / federal information on legislation and control of services.
					Pending	Update bylaws as necessary
TSM-P1 (Pg. 95)	Post Fatality and Serious Injury Reviews	Engineering	RCMP Communications	Alberta Transportation	2019	Develop a clear definition of a "serious injury"
					2019	Evaluate and revise (as required), the process followed in previous reviews.
					2019	Develop a plan for conducting the reviews internally or with outside assistance, or a combination.
					2020	Secure annual funding that can be used either for post-fatality/serious injury reviews or proactive road safety reviews.
					Pending	Communicate to the public, as required, the results of each review and the actions taken in response.
					Ongoing	Monitor and perform specific network screening in follow up to actions taken to improve sites and report on impacts.
					Ongoing	Evaluate and update the process (if necessary) following each review.

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
TSM-P2 (Pg. 96)	In Service Road Safety Review Program -	Engineering	RCMP Communications		2019	Review the existing Transportation Association of Canada Guidelines for In-Service Road Safety Reviews and more recent documents (such as Alberta Transportation's Methods of Reducing Collisions on Alberta Roads and Capital Region Intersection Safety Partnership's Safe System report)
					2019	Adopt a set of guidelines consisting of a combination of the above documents. Include Safe System elements in support of this Transportation Safety Plan.
					2019	Adopt a process to conduct in-service road safety reviews, including resources, the number of locations per year and the types of network locations to target or criteria used to establish priority or trigger of investigation.
					2019	Decide on a delivery model for in-service reviews (in-house / external consultants / combination).
					Optional	Optional: Identify the training requirements for City staff to manage or conduct the reviews.
					2020	Identify corridors / intersection locations via the city network screening process as candidates for in-service road safety review.
					2020	Allocate an annual budget to accommodate in-service reviews.
					Pending	Following completion of an in-service review, develop an implementation plan for safety improvements, with associated project charter (funding) source.
					Ongoing	After implementing the immediate improvements, conduct an evaluation to demonstrate the value of the in-service review process.
TSM-P3 (Pg. 97)	Road Network Screening	Engineering	RCMP Communications	Alberta Transportation Alberta Health Services	Ongoing	Seek additional applicable data collection, such as traffic volumes, pedestrian / cyclist volumes, on corridors or at intersection locations to feed into analysis.
					Ongoing	Seek additional reporting capability of network safety concerns (public reports of concern, "near miss" information) to align with recorded collision incidents.
					Pending data collection	Account for exposure in the ranking of locations (e.g. traffic volumes) in order to highlight locations that may benefit the most from improvements.
					Ongoing	Analyze locations separately by road classification.

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
					Ongoing	Document the results of the network screening in the annual report.
					Aligned to Project TSM-P2 2021	Plan and budget for the completion of in-service road safety reviews at priority locations identified through the network analysis.
					Ongoing	Complete a Mitigation Strategy; identifying priority locations, mitigation measures, schedule / action plan, evaluation criteria and time frame, and actual evaluation of past improvements made.
					Ongoing	Communicate to the public the action taken as a result of the annual collision statistics and network screening.
					Ongoing	Communicate to the public the results of evaluation of the safety improvements made, and further candidate locations or actions planned
TSM-P4 (Pg. 98)	Road Safety Audit Program	Engineering	Planning		2018	Incorporate road safety as part of the City's new TIA guidelines
					2019	Develop an RSA process, identifying the types of projects for which RSAs should be conducted (e.g. projects of a certain size, complexity).
					Pending	Pending training funding and availability, provide RSA training for conducting or managing RSAs
TSM-P5 (Pg. 99)	System for Managing Public Comments	IT	Engineering Communications		2022	Review current process, in detail, as relevant to receiving and managing public traffic safety concerns
					2022	Investigate other municipality processes and systems for public traffic safety concerns
					2022	Develop criteria surrounding traffic safety issues; Develop a flow chart identifying process, covering areas such as: reception of comments, validation of complaints, provision of response (confirming receipt of concern), setting level of service for types of concerns received, protocols and resources to handle response, data information / summary, coordination with stakeholders, response strategy

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
					2023	Target / upgrade to a management system that can accomplish the flow chart through a highly automated fashion and one that can track / report on concerns through various functions – type of concern, location, response rates / summary, actions and resource allocation.
					2023	Develop standardized responses for common complaints / issues
					2023	Identify leads for complex / specific complaints
					2023	Provide training for the system
					2025	Communicate the success / output of the system
TSM-P6 (Pg. 101)	Traffic Conflict Data Collection Program	Engineering	RCMP Municipal Enforcement Communications	Alberta Transportation	2021	Align traffic data conflict analysis with In-Service Road Safety Reviews at priority locations of collision occurrences
					Pending	Pending budget approval and resource capability, conduct internal staff training regarding the traffic conflict principles and procedures.
					2025	Review the market for automated video-based traffic conflict tools, and select a supplier to pilot the use of the technology
					Pending	Repeat step 1, based on the output of the video-based tool
					Pending	Investigate establishing a program for manual or automated traffic conflict data collection or combination
					Pending	Prepare basic guidelines and instruction for key stakeholders, such as school district staff or other special interest groups regarding traffic conflict monitoring, so safety concerns may be reported in a more objective manner.
					Pending	Continue to correlate collision and conflict data on a more widespread basis and develop collision and conflict prediction models based on the correlation

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
TSM-P7 (Pg. 102)	Office of Transportation Safety (OTS)	Engineering	RCMP Municipal Enforcement Communications	Alberta Transportation City of Edmonton (Office of Traffic Safety	Long-term	Contact the City of Edmonton Office of Traffic Safety to generate knowledge on their experience and actions in establishing their Office of Traffic Safety
					Long-term	Identify required resources and staging of growth or development of the office – align to current resources and leads
					Long-term	Establish a relationship with regional partners as related to OTS and seek opportunity of regional collaboration on integration of OTS.
TSM-S1-A (Pg. 103)	Data Management Strategy – Expand collision analysis to focus on Injuries (Severe Collisions)	Engineering	RCMP Municipal Enforcement Communications	Alberta Transportation	2019	Separate major injury collision records from minor injury collision records within central database
					2019	Perform separate data analysis on total injury collisions and major injury collisions. Where trends in major injury collisions may be statistically insignificant due to low numbers, conclusions may be drawn from total injury data base
					2019	Integrate the analysis of major injuries into the Annual Collision Statistics Report, within a separate section of the report
					Ongoing	Focus on safety actions, communication and resources towards the mitigation of all injuries and report on the program / project success or impacts in terms of major injuries and overall injuries.
TSM-S1-B (Pg. 104)	Data Management Strategy – Link collision injury reports to health data	Emergency Services	Engineering Communications	CRISP Alberta Health Services	Long-term	Engage with Alberta Health Services to determine appropriate data to track
					Long-term	Review existing initiatives – involving AHS, AT, ACICR, U of A, Edmonton OTS and others – to link collision and health data and consider participating in these initiatives. Note – this may start as a feasibility study, to determine data availability, resource requirements
TSM-S1-C (Pg. 105)	Data Management Strategy – Develop a Safety Performance Model	Transportation	Planning and Development GIS RCMP Municipal Enforcement	City of Edmonton OTS CRISP Alberta Transportation	Long-term	Identify all external stakeholders who maintain or generate safety related data and form a working group
					Long-term	Identify all safety related data to include any data overlaps – start with traffic control, traffic volume and collision data; and ensure the capability of including information such as lane geometry and improvement history

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
			Communications		Long-term	Develop procedures and requirements for entering relevant data such as frequency of updates, and required data format for the City's GIS
					Long-term	Develop a standardized tool / location where the data will be stored
					Long-term	Trial the process for one year – identify lessons learned and opportunities for improvement
					Long-term	Implement the process and continue to engage with stakeholders as required
					Long-term	Provide internal training for the use of the model with GIS
					Long-term	Maintain and update the model with new / relevant information
VRU-P1 (Pg. 106)	School Zone Review	Engineering	Municipal Enforcement Communications	School Boards	2019	Perform traffic / pedestrian counts in school zones to collect data on volumes and times of day. From data – identify when volumes of pedestrians and vehicles begin to increase and decrease through the day
					2019	Engage with stakeholders (school boards and school site representatives) to obtain feedback on opinion of appropriate school site hours
					2019	Engage with other municipalities to review their current practices
					2019	Assess local conditions by utilizing the Alberta Guidelines for School Zones and Playground Zones – conduct site investigations and score each school location / roadway based on both School Criteria and Playground Criteria Note – Playground evaluation will only be conducted for school sites with greenspace / playgrounds
					2019	Summarize the information / data and recommendations from the Provincial evaluation
					2020	With the data collected and compiled, stakeholder feedback and final recommendations from Provincial scoring from site evaluations; provide a recommendation for School / Playground Zones and appropriate time of day.

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
					Pending	Communicate proposed changes to the public
					Pending	Update the Traffic Bylaw accordingly
					Pending	Implement changes
VRU-P2 (Pg. 107)	Playground Zone Review	Engineering	Municipal Enforcement Communications	School Boards	2019	Engage with other municipalities to review their current practices
					2019	Perform traffic / pedestrian counts in playground zones to collect data on volumes and times of day. From data – identify when volumes of pedestrians and vehicles begin to increase and decrease through the day
					2019	Assess local conditions by utilizing the Alberta Guidelines for Playground Zones – conduct site investigations and score each school location / roadway based on Playground Criteria. Make specific note of site improvements to locations that would be beneficial – for example; placement of fencing would eliminate the recommendation as a “zone”.
					2019	Summarize the information / data and recommendations from the Provincial evaluation
					2020	With the data collected and compiled and final recommendations from Provincial scoring from site evaluations; provide a recommendation for Playground Zones and appropriate time of day.
					Pending	Communicate proposed changes to the public
					Pending	Update the Traffic Bylaw accordingly
					Pending	Implement changes
VRU-P3 (Pg. 108)	Pedestrian Crossing	Engineering	Communications		2018	Obtain and evaluate the 2018 TAC Pedestrian Guidelines – for incorporating RRFB’s and other safety enhancements

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
	Control Warrants				2018	Review / Compare / Update City Pedestrian Crossing Control Guidelines to align to TAC's 2018 Guidelines
					2019	Update Municipal Engineering Standards to apply the guidelines as part of new development
					Ongoing	Perform a network screening – identify current network pedestrian crossing conditions, collect updated data as necessary or utilize most up to date information to evaluate sites based on new Pedestrian Crossing Control Guidelines; report on locations that are candidates for updates / improvements to crossings
					2019	Create criteria ranking to prioritize existing pedestrian crossing control locations for improvements
					2019	Run all sites identified through the criteria and ranking system and prioritize improvements by site
					Ongoing	Develop or update appropriate project charters to complete the necessary network improvements over a reasonable time frame. Update and monitor the evaluation / prioritization table.
VRU-P4 (Pg. 109)	Rectangular Flashing Beacons	Engineering	PW RCMP Communications		2018	Obtain and evaluate the TAC Pedestrian Guidelines – for incorporating RRFB's
					2018	Review / Compare / Update City Pedestrian Crossing Control Guidelines to align to TAC's 2018 Guidelines
					Ongoing	Where necessary, collect updated traffic and pedestrian volumes and compare to the updated pedestrian crossing warrant process.
					Ongoing	Update applicable charters and complete necessary pedestrian crossing upgrades
VRU-S1-A (Pg. 110)	Pedestrian Crosswalk Safety – Point, Pause, Proceed /	Engineering	RCMP Communications	School Boards Cycling Clubs Youth Groups	2019	Set criteria for placement of signs. Criteria may involve – Type of crossing control, number of pedestrians / cyclists, and incident occurrence of pedestrian / cyclist collision, resident requests (through alternative safety programs such as Neighbourhood Traffic Calming).
					2019	Perform network review of locations that meet necessary criteria

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
	Cyclist Dismount Signs				Pending	Locations identified, meeting criteria, that have the current Point, Pause and Proceed Signs, shall remain as such until maintenance of the sign is required – at which time the new design shall be placed.
					Pending	Locations identified, meeting criteria, that do not have signs placed may be prioritized for sign placement and scheduled for installation, with funding through the City's sign budget (no separate funding required).
					Ongoing	Locations requested through capital programs such as Safe Journeys to School, or Neighbourhood Traffic Calming that meet site requirements may be installed through appropriate program funding.
VRU-S1-B (Pg. 111)	Pedestrian Crosswalk Safety – Enhanced Road-Marking Crossings	Engineering	Communications		2019	Align enhanced marking treatments with updated Pedestrian Crossing Control Guidelines and set criteria for the placement of enhanced road-marking material
					2019 / 2020	Perform network review of locations that meet criteria
					2019	Apply new standards for road marking treatments to the Engineering Standards
					Ongoing	Identify key criteria that may be incorporated during drawing and plan review for new development and apply the new standards
VRU-S1-C (Pg. 112)	Pedestrian Crosswalk Strategy – Pedestrian Curb Extensions & Raised Crosswalks	Engineering	Planning PW Emergency Services		2018	Align to Neighbourhood Traffic Calming and Safe Journeys to School Programs
					2019	Engage internal stakeholders to address maintenance and other potential issues
					2019	Integrate curb extensions into City standards; with other traffic calming measure designs
					Ongoing	Monitor effectiveness of curb extensions and make changes as needed
VRU-S1-D (Pg. 113)	Leading Pedestrian Intervals	Engineering	Communications		2018	Perform network screening for pedestrian collisions at signalized intersections or reports of concern of near misses
					2019	Set criteria for the leading pedestrian interval – in terms of time accommodate
					2019	At identified sites evaluated current operational conditions and opportunity to integrate leading pedestrian intervals
					2019	Pending the network screening – identify if incidents involve left turning movements or right turning movements and evaluate impacts of further operational changes such as Protected Only Left Turns (See Project INT-S1-B) or No Right Turn on Red.

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
					2020	At locations meeting criteria and viable for leading pedestrian interval operation, initiate the operational change
					2020	Make information available on the City website for the rational and descriptions of leading pedestrian intervals and impacts
VRU-S1-E (Pg. 113)	Pedestrian Countdown and Accessible Signals	Engineering	Communications		2019	Develop an accessible pedestrian signal (APS) standard and apply to the Municipal Engineering Standards (for new development work)
					2019	Perform network assessment of current infrastructure and conditions and identify locations that are not operating with APS
					2019	Develop criteria and prioritize locations for installation of the APS system
					2019	Integrate and update the Transportation Systems Management Project Charter to install APS throughout the City through the prioritized strategy
					2018 / 2019	Collaborate with signal manufacturers on standardizing the use of Pedestrian Countdown Timers
					2019	Communicate the impacts and expectations of Pedestrian Countdown timers with the operational shift of traffic signals to Adaptive Signal operations – loss of proactive countdowns – key messages on focusing on the driver indications versus countdown dependency (pending results of collaborative work with signal manufacturer)
VRU-S1-F (Pg. 114)	Public Education about Visibility	Communications	Engineering RCMP Municipal Enforcement	CRISP Schools Cycling Groups Walking / Running Clubs	2019	Develop or integrate a public educational campaign for the autumn identifying the issue(s) and provide tips to residents – Align to the Provincial Safety Calendar
VRU-S1-G (Pg. 114)	Prohibit Parking or Stopping near crosswalks	Engineering	Communications RCMP Municipal Enforcement		2018	Review the TAC Pedestrian Crossing Guidelines and other research to assess the applicability for controlling parking near crosswalks
					2022	Update the Traffic Bylaw to reflect the findings of the review.
					2022	Through network screening, prioritize areas / crossings to address for signage
					2023	Communicate and educate the public on the new changes
VRU-S2-A (Pg. 115)	Bicycle Safety – Educational Campaigns	Communications	Engineering RCMP Municipal Enforcement	Cycling groups School Boards	2018	Develop or integrate a public educational campaign(s) on Bicycle Safety – Align to the Provincial Safety Calendar

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
VRU-S2-B (Pg. 116)	Bicycle Safety – Separated Bicycle Facilities	Engineering	Planning and Development	UDI Development Stakeholders	2018	Finalize the Complete Streets Design Guidelines
					2018	Perform a network evaluation of connectivity gaps for active modes
					2018	Set ranking criteria and prioritize with a strategy to close network gaps
					2019	Update Municipal Engineering Standards to reflect Complete Streets Design
					Ongoing	Utilize the Complete Streets Design Guidelines and updated Municipal Engineering Standards for all forthcoming planning and development applications, along with new construction projects where Complete Streets may be applicable
					Pending	Develop an Active Transportation Plan to address overall network walking and cycling accommodation and needs
VS-P1 (Pg. 117)	Speed Display Devices	Engineering	RCMP Municipal Enforcement Communications		2018	Align capital programs to which speed devices may be applied – Safe Journeys to School, Neighbourhood Traffic Calming, Transportation Systems Management
					2019	Monitor and evaluate impact of installation of speed display signs, as related to site conditions “pre” and “post” installation. Note – as these devices are aligned with larger scope program delivery, the evaluation is reflective of site conditions prior and following potential multiple safety improvement actions.
					2019	Perform network screening to identify high speed areas and collision prone sites, that may be used to target areas of implementation
					2019	Review the Transportation Association of Canada (TAC) Speed Display Device Guidelines
					2019	Develop a warrant or installation program aligned to the TAC Speed Display Guidelines and local context / programs.
					2020	Compare results of the network screening that were identified as candidate sites to the TAC Guidelines and applicable developed City Guidelines. Evaluate sites and prioritize installations – based on alignment to other programs or if “stand alone” align to safety improvement and enforcement activities.
VS-P2 (Pg. 118)	Gateway Treatments	Engineering	Planning and Development		Long-Term	Review the MORCOAR Guidelines for Gateway Treatments
					Long-Term	Perform network screening of collisions involving non-residents (as at fault-drivers)
					Long-Term	Identify candidate locations to which gateway treatments would be anticipated to influence behaviour and collisions
					Long-Term	Prioritize sites based on set criteria

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
					Pending	Pilot the implementation of a gateway treatment at the top priority site and evaluate impacts (minimum 2-year evaluation)
					Pending	Expand the program pending success of the pilot project
VS-S1-A (Pg. 120)	Safer Speeds and Speed Limit Strategy – Revise Road Classification & Design Standards	Engineering	Planning PW Transit Emergency Services	UDI	2018	Finalize Complete Streets Design Guidelines
					2018	Align Network Improvements (as per the 2018 Transportation Network Strategy) with use of the Complete Streets Guidelines and perform stakeholder engagement and integrate new roadway cross-section design. Example - project of North St Albert Trail
					2019	Integrate new roadway design standards from the Complete Streets Design Guidelines and Neighbourhood Traffic Calming measures into the Municipal Engineering Standards
VS-S1-B (Pg. 121)	Safer Speeds and Speed Limits – Pilot the use of Lower Speed Limits on Local Roads	Engineering	RCMP Municipal Enforcement Communications Transit PW	CRISP City of Edmonton (OTS)	2018	Align piloting of reduced neighbourhood speeds with delivery of the Neighbourhood Traffic Calming program – note: any reduction is pending resident support or feedback during the traffic calming engagement process.
					2019	Investigate and review best practices from agencies that have performed speed reductions for neighbourhood roads
					2019	Seek engagement from Capital Region partners on opportunity to review / investigate regionally
					Ongoing	Perform network screening of neighbourhood level collisions / use information to identify any link to speeds and collision occurrence
					2019	Investigate impacts of reduced neighbourhood speeds – including service delivery (such as Transit, Waste Management), anticipated travel times for residents, signage and field needs to support any changes
					2019	Develop information / messaging from data findings
					2019	Prioritize communities of the City that are influenced by high speeds
					Pending	Pending results of Neighbourhood Traffic Calming program actions and information received from regional partners or other communities – develop a strategy on neighbourhood speed limits. Considerations involve – traffic calming / road design, city-wide or targeted areas, impact to special areas such as School or Playground Zones *Link to Project VS-S1-C
					Pending	Implement strategy and communicate with residents – field changes, bylaw amendments, messaging / campaign
VS-S1-C	Safer Speeds and Speed	Engineering		CRISP	2019	Perform network screening of 85% speeds of roadways (various roadways and classifications)

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
(Pg. 122)	Limits -Review all Posted Speed Limits			City of Edmonton (OTS)	2019	Identify and compare recorded speeds to posted speeds: incorporate enforcement activity records of speed and violations
					2020	Perform an updated network TAC evaluation of speed limits throughout the City
					2020	As an "opportunity" to the network evaluation – investigate and identify any corridors that may have variable speed limits applied
					2020 / 2021	Pending results of the TAC evaluation, perform updates of posted speeds – field changes and amend the Traffic Bylaw
VS-S1-D (Pg. 123)	Safer Speeds and Speed Limits -Variable Speed Limits	Engineering	Municipal Enforcement RCMP Communications		2020	Complete the network speed evaluation (Project VS-S1-C)
					Pending	Pending results of the network evaluation, identify areas that meet criteria and may be candidates of variable speed limits
					2024	Investigate and review other jurisdictions experiences, applications and impacts of variable speed limit use
					Pending	Pilot the use of a variable speed limit on a corridor or site and evaluate impacts
					Pending	Pending results of the pilot program, expand the use of variable speed limits based off locations identified through the network evaluation and prioritized need
VS-S1-E (Pg. 124)	Safer Speeds and Speed Limit Strategies – Automated Enforcement Program	Engineering	Municipal Enforcement Communications	Alberta Transportation Photo Enforcement Contractor	Ongoing	Perform network screening of motor vehicle collisions that align to speed impacts
					Ongoing	Perform network screening of 85th percentile speeds and compare these to posted speed limits and collision locations captured from the network screening
					Ongoing	Collaboration between Transportation and Enforcement to share information related to speed and collision occurrences and alignment of enforcement sites to prone issue locations identified.: On-going information sharing and update to enforcement strategies with an "evidence based" approach to site selection
					Ongoing	Evaluation on impacts of enforcement activities on speeds recorded and collisions occurrences
					Ongoing	Proactive communication of direct local influence on speeds and collisions that enforcement activity has
VS-S1-F (Pg. 125)	Safer Speeds and Speed Limit Strategies –	Engineering	Communications RCMP Municipal Enforcement	UDI	2018 - 2020	Complete the Neighbourhood Traffic Calming Program in the communities of Erin Ridge and Erin Ridge North – continuing to expand on the program as per network screening results or requests from residents (for example Lennox Drive)
					2019	Update Process / Guidelines from "lessons learned" in the first communities of Erin Ridge and Erin Ridge North

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
	Neighbourhood Traffic Calming		Planning and Development		2019	Update Municipal Engineering Standards to include traffic calming measures
					2020	Evaluate the impacts of implementing neighbourhood traffic calming in the communities of Erin Ridge and Erin Ridge North – report on impacts and make information public
					Ongoing	Continue to receive / respond to public requests for Neighbourhood Traffic Calming
					Ongoing	Perform network assessment and prioritize communities based on Neighbourhood Traffic Calming criteria
					Ongoing	Continue to support and expand on the Neighbourhood Traffic Calming program – targeting an evidence-based approach and prioritization, combined with public input
YD-S1-A (Pg. 126)	Young Drivers Strategy – Enhanced Education for Alberta's Graduated Licensing Program	Communication	Municipal Enforcement RCMP	CRISP Alberta Transportation AMA School Boards	2021	Review information and link to resources on the City website, provided by the Alberta Motor Association – including a Parent Coaching Guide and a Driving Contract between parents and teens – look for alignment to the Provincial Safety Calendar for messaging
YD-S1-B (Pg. 127)	Young Drivers Strategy – Promote local drinking / drug and driving counter attack programs	RCMP / Municipal Enforcement	Municipal Enforcement RCMP	CRISP School Boards Alberta Transportation AMA Licensing Agencies	2020	Contact the Provincial Traffic Safety representative for the St Albert area and seek messaging and information
					2020	In alignment with the Provincial Safety Calendar; provide information and any links to resources on the City website.
					Pending	Optional - Contact and collaborate with local high schools to encourage areas of engagement and partnership – emphasis on actions where students are leads
					Pending	Optional - Seek community champions for messaging and information sharing
YD-S1-C (Pg. 128)	Young Drivers Strategy – Encourage the use of youth friendly safe driving apps	Smart City	IT Engineering Communications RCMP Municipal Enforcement Community and Social Development	CRISP City of Edmonton (OTS) Alberta Transportation AMA	2023	Identify stakeholders that are developing or encouraging safe driving apps regionally and nationally
					2023	Through CRISP or other initiatives, seek sharing opportunities with stakeholders
					2023	Obtain information, research, and emerging trends relating to safe driving apps
					2023	Through CRISP, seek opportunity to partner with stakeholders in the promotion of apps

Project Number (Pg # of Report)	Project Name	Lead	Support	External	Task Year	Task
RSIP-1 (Pg. 129)	Rail Safety Improvement Program – At-Grade Crossing Signage & Road Markings	Engineering		CN Rail	2018	Review safety assessment recommendations aligned to all signage and road marking activity.
					2018	Perform recommendations.
					2018	Perform condition assessments and maintain all signage and road markings
RSIP-2 (Pg. 130)	Rail Safety Improvement Program – Rail Corridor Fencing	Engineering		CN Rail	2018	Perform rail corridor investigations – identifying rail right of way, current / existing barriers preventing trespassing, constraints for fencing placement, priority areas of trespassing occurrence.
					2018	Design fencing – ensure non-mountable, account for access for maintenance (corridor and fencing maintenance), account or investigate wildlife accommodation / protection
					2018	Prioritize fencing placement
					2018 / 2019	Install fencing based on prioritized needs
RSIP-3 (Pg. 131)	Rail Safety Improvement Program – Access Control	Engineering		CN Rail Transport Canada	2018	Submit applications for Federal RSIP funding to address engineering / design and construction actions to improve the design of the access sites.
					Pending	Pending results of RSIP Grant applications, perform design work
					Pending	Pending results of RSIP Grant applications, perform necessary construction work

Transportation Safety Plan Implementation

ANNUAL PROJECT AND TASK LAYOUT

ANNUAL PROJECT & TASK LAYOUT

Project Number (Pg # of Report)		Lead	Support	External	Task
ONGOING PROGRAM TASKS					
DST-S1-A (Pg. 75)		Communications	Engineering Enforcement	Alberta Transportation School Boards	Align City safety campaigns with the Provincial monthly calendar. This is inclusive of relevant data collection where applicable for local context.
					Utilize Provincial safety campaign information relevant to fact sheets, and safety videos on the City website
DST-S1-B (Pg. 76)		RCMP	Engineering Municipal Enforcement		Seek resources such as vehicles and equipment to RCMP officers to enhance capability of enforcing against distracted driving. This is relevant to type of vehicles and monitoring equipment that allow for visibility of driver behaviour in vehicles.
					Perform network screening to identify incidents / locations that may be aligned to collisions involving distracted driving – for example, rear end collisions.
					Continue joint operations activities, inclusive of distracted driving enforcement
DST-S1-D (Pg. 77)		Engineering	IT Engineering Enforcement	School Boards AMA Local Youth Groups	Monitor Provincial educational campaigns for any alignment to anti-distraction apps and notifications
INT-P1 (Pg. 79)		Engineering	Public Works		Research various types of pavement surface treatments for impacts in improved stopping distances
					Perform network screening and identify intersections of high rear-end collisions
					Apply treatments at high-priority locations, align work with capital network improvements where possible.
					Evaluate the effectiveness of placement in terms of safety
					Maintain conditions of applied materials
SV-S2-A (Pg. 94)		Business Licensing	Communications RCMP Municipal Enforcement		Manage and maintain the City's current Bylaw regulations.
					Monitor relevant provincial / federal information on legislation and control of services.
					Update bylaws as necessary

Project Number (Pg # of Report)		Lead	Support	External	Task
INT-P2 (Pg. 80)		Engineering	Public Works Transit Emergency Services Communications		In alignment with new development applications, during development drawing review evaluate feasibility to integrate roundabout intersection designs
INT-S1-A (Pg. 83)		Engineering	IT Communications		Monitor and maintain/ manage the network system
INT-S1-B (Pg. 83)		Engineering	Communication		Monitor and evaluate effectiveness of implemented protected only left turn operations (through network screening)
INT-S2-A (Pg. 85)		Engineering	Planning & Development Communications		Incorporate smart channel designs (as a standard) for all applicable capital project charter work
SV-S1-A (Pg. 91)		Smart City	Engineering	University of Alberta Alberta Transportation City of Edmonton	Seek opportunity for staff participation in discussion groups and committees.
TSM-P1 (Pg. 95)		Engineering	RCMP Communications		Monitor and perform specific network screening in follow up to actions taken to improve sites and report on impacts.
					Evaluate and update the process (if necessary) following each review.
TSM-P2 (Pg. 96)		Engineering	RCMP Communications		After implementing the immediate improvements, conduct an evaluation to demonstrate the value of the in-service review process.
TSM-P3 (Pg. 97)		Engineering	RCMP Communications	Alberta Transportation Alberta Health Services	Seek additional applicable data collection, such as traffic volumes, pedestrian / cyclist volumes, on corridors or at intersection locations to feed into analysis.
					Seek additional reporting capability of network safety concerns (public reports of concern, “near miss” information) to align with recorded collision incidents.
					Analyze locations separately by road classification.

Project Number (Pg # of Report)		Lead	Support	External	Task
					Complete a Mitigation Strategy; identifying priority locations, mitigation measures, schedule / action plan, evaluation criteria and time frame, and actual evaluation of past improvements made.
					Communicate to the public the action taken as a result of the annual collision statistics and network screening.
					Communicate to the public the results of evaluation of the safety improvements made, and further candidate locations or actions planned
					Document the results of the network screening in the annual report.
TSM-S1-A (Pg. 103)		Engineering	RCMP Municipal Enforcement Communications		Focus on safety actions, communication and resources towards the mitigation of all injuries and report on the program / project success or impacts in terms of major injuries and overall injuries.
VRU-P3 (Pg. 108)		Engineering	Communications		Perform a network screening – identify current network pedestrian crossing conditions, collect updated data as necessary or utilize most up to date information to evaluate sites based on new Pedestrian Crossing Control Guidelines; report on locations that are candidates for updates / improvements to crossings
					Develop or update appropriate project charters to complete the necessary network improvements over a reasonable time frame. Update and monitor the evaluation / prioritization table.
VRU-P4 (Pg. 109)		Engineering	Public Works RCMP Communications		Where necessary, collect updated traffic and pedestrian volumes and compare to the updated pedestrian crossing warrant process.
					Update applicable charters and complete necessary pedestrian crossing upgrades
VRU-S1-A (Pg. 110)		Engineering	RCMP Communications	School Boards Cycling Clubs Youth Groups	Locations requested through capital programs such as Safe Journeys to School, or Neighbourhood Traffic Calming that meet site requirements may be installed through appropriate program funding.
VRU-S1-B (Pg. 111)		Engineering	Communications		Identify key criteria that may be incorporated during drawing and plan review for new development and apply the new standards
VRU-S1-C (Pg. 112)		Engineering	Planning PW Emergency Services		Monitor effectiveness of curb extensions and make changes as needed

Project Number (Pg # of Report)		Lead	Support	External	Task
VRU-S2-B (Pg. 116)		Engineering	Planning and Development	UDI Development Stakeholders	Utilize the Complete Streets Design Guidelines and updated Municipal Engineering Standards for all forthcoming planning and development applications, along with new construction projects where Complete Streets may be applicable
VS-S1-B (Pg. 121)		Engineering	RCMP Municipal Enforcement Communications	CRISP City of Edmonton (OTS)	Perform network screening of neighbourhood level collisions / use information to identify any link to speeds and collision occurrence
VS-S1-E (Pg. 124)		Engineering	Municipal Enforcement Communications	Alberta Transportation Photo Enforcement Contractor	Perform network screening of motor vehicle collisions that align to speed impacts
					Perform network screening of 85th percentile speeds and compare these to posted speed limits and collision locations captured from the network screening
					Collaboration between Transportation and Enforcement to share information related to speed and collision occurrences and alignment of enforcement sites to prone issue locations identified.: On-going information sharing and update to enforcement strategies with an “evidence based” approach to site selection
					Evaluation on impacts of enforcement activities on speeds recorded and collisions occurrences
					Proactive communication of direct local influence on speeds and collisions that enforcement activity has
VS-S1-F (Pg. 125)		Engineering	Communications RCMP Municipal Enforcement	UDI Development Community	Continue to receive / respond to public requests for Neighbourhood Traffic Calming
					Perform network assessment and prioritize communities based on Neighbourhood Traffic Calming criteria
					Continue to support and expand on the Neighbourhood Traffic Calming program – targeting an evidence-based approach and prioritization, combined with public input
2018 PROGRAM TASKS					
INT-S1-A (Pg. 83)		Engineering	IT Communications		Complete the Intelligent Transportation Systems (ITS) Strategy
					Ensure field level traffic signal equipment can support the integration of adaptive signal control. (1st Priority St Albert Trail)
					Install necessary field level sensors for corridor vehicle flow detection (1st Priority St Albert Trail)
					Collect up to date traffic data to set expected parameters (1st Priority St Albert Trail)

Project Number (Pg # of Report)		Lead	Support	External	Task
					Collect up to date data as a base point of corridor travel times, delay (1st Priority St Albert Trail)
INT-S1-B (Pg. 83)		Engineering	Communication		Perform a network screen of collision occurrences at signalized intersections to identify left turn incident prone locations.
INT-S1-C (Pg. 84)		Engineering	Communication Public Works		Perform network collision screening to identify failure to obey traffic control collisions at signalized intersections. Prioritize network locations based on data.
SV-S1-B (Pg. 91)		Engineering	IT Communications		Continue collaboration with the University of Alberta and Smart Centre of Transportation on the "St Albert Trail Optimization' project that incorporates connected vehicle technology.
TSM-P4 (Pg. 98)		Engineering	Planning		Incorporate road safety as part of the City's new TIA guidelines
VRU-P3 (Pg. 108)		Engineering	Communications		Obtain and evaluate the 2018 TAC Pedestrian Guidelines – for incorporating RRFB's and other safety enhancements
					Review / Compare / Update City Pedestrian Crossing Control Guidelines to align to TAC's 2018 Guidelines
VRU-P4 (Pg. 109)		Engineering	PW RCMP Communications		Obtain and evaluate the TAC Pedestrian Guidelines – for incorporating RRFB's
					Review / Compare / Update City Pedestrian Crossing Control Guidelines to align to TAC's 2018 Guidelines
VRU-S1-C (Pg. 112)		Engineering	Planning PW Emergency Services		Align to Neighbourhood Traffic Calming and Safe Journeys to School Programs
VRU-S1-D (Pg. 113)		Engineering	Communications		Perform network screening for pedestrian collisions at signalized intersections or reports of concern of near misses
VRU-S1-G (Pg. 114)		Engineering	Communications RCMP Municipal Enforcement		Review the TAC Pedestrian Crossing Guidelines and other research to assess the applicability for controlling parking near crosswalks

Project Number (Pg # of Report)		Lead	Support	External	Task
VRU-S2-A (Pg. 115)		Communications	Engineering RCMP Municipal Enforcement	Cycling groups School Boards	Develop or integrate a public educational campaign(s) on Bicycle Safety – Align to the Provincial Safety Calendar
VRU-S2-B (Pg. 116)		Engineering	Planning and Development	UDI Development Stakeholders	Finalize the Complete Streets Design Guidelines
					Perform a network evaluation of connectivity gaps for active modes
					Set ranking criteria and prioritize with a strategy to close network gaps
VS-P1 (Pg. 117)		Engineering	RCMP Municipal Enforcement Communications		Align capital programs to which speed devices may be applied – Safe Journeys to School, Neighbourhood Traffic Calming, Transportation Systems Management
VS-S1-A (Pg. 120)		Engineering	Planning PW Transit Emergency Services	UDI	Finalize Complete Streets Design Guidelines
					Align Network Improvements (as per the 2018 Transportation Network Strategy) with use of the Complete Streets Guidelines and perform stakeholder engagement and integrate new roadway cross-section design. Example - project of North St Albert Trail
VS-S1-B (Pg. 121)		Engineering	RCMP Municipal Enforcement Communications Transit PW	CRISP City of Edmonton (OTS)	Align piloting of reduced neighbourhood speeds with delivery of the Neighbourhood Traffic Calming program – note: any reduction is pending resident support or feedback during the traffic calming engagement process.
VS-S1-F (Pg. 125)		Engineering	Communications RCMP Municipal Enforcement Planning and Development	UDI Development Community	Complete the Neighbourhood Traffic Calming Program in the communities of Erin Ridge and Erin Ridge North – continuing to expand on the program as per network screening results or requests from residents (for example Lennox Drive) 2018 - 2020
RSIP-1 (Pg. 129)		Engineering		CN Rail	Review safety assessment recommendations aligned to all signage and road marking activity.
					Perform recommendations.
					Perform condition assessments and maintain all signage and road markings

Project Number (Pg # of Report)		Lead	Support	External	Task
RSIP-2 (Pg. 130)		Engineering		CN Rail	Perform rail corridor investigations – identifying rail right of way, current / existing barriers preventing trespassing, constraints for fencing placement, priority areas of trespassing occurrence.
					Design fencing – ensure non-mountable, account for access for maintenance (corridor and fencing maintenance), account or investigate wildlife accommodation / protection
					Prioritize fencing placement
					Install fencing based on prioritized needs
RSIP-3 (Pg. 131)		Engineering		CN Rail Transport Canada	Submit applications for Federal RSIP funding to address engineering / design and construction actions to improve the design of the access sites.
2019 PROGRAM TASKS					
DST-S1-A (Pg. 75)		Communications	Engineering Enforcement		Collaborate with the local Alberta Traffic Safety Consultant to align information and identify collaboration opportunity
DST-S1-C (Pg. 76)		Engineering	Municipal Enforcement Communications	School Boards Driving Schools AMA Local Youth Groups	Investigate opportunity to align AMA information with the Provincial Safety Calendar and messaging.
DST-S1-D (Pg. 77)		Engineering	IT Community and Social Development Engineering Enforcement		Discuss and seek opportunities and information on available apps and notifications relevant to Distracted Driving through CRISP.
INT-P2 (Pg. 80)		Engineering	Public Works Transit Emergency Services Communications		Update engineering standards to be inclusive of roundabout design standards following TAC, FHWA

Project Number (Pg # of Report)		Lead	Support	External	Task
INT-P3 (Pg. 81)		Municipal Enforcement	Engineering RCMP Communications		Perform network screening to highlight intersection locations that are candidates meeting necessary criteria for Intersection Safety Camera Installations. Inclusive of safety improvements prior to enforcement activity. (Engineering)
					Utilize Provincial Automated Enforcement Guidelines to evaluate recommended candidate sites for Intersection Safety Devices
					Review and align objectives of the intersection safety camera program, consistent with the objectives of the Transportation Safety Plan. (Municipal Enforcement)
INT-S1-A (Pg. 83)		Engineering	IT Communications		Pilot forms of artificial intelligence and adaptive signal control systems: Set predetermined criteria on how systems will be evaluated for effectiveness
INT-S1-B (Pg. 83)		Engineering	Communication		Conduct a protected-only left turn warrant analysis; this may be inclusive of timed increases of traffic volumes to reflect future demand based on growth or increased travel volumes.
					From warrant analysis, identify locations that warrant the implementation of protected only left turn movements
					Install protected only left turns, with notification of signal operation changes in the field
INT-S1-C (Pg. 84)		Engineering	Communication Public Works		Pilot the implementation of reflective backboards on signal heads. Focus area on locations to which failure to yield to signals collisions have occurred.
INT-S2-A (Pg. 85)		Engineering	Planning & Development Communications		Develop Smart Channel Right Turn design standards
					Update Municipal Engineering Standards; incorporating the Smart Channel Right Turn Design
					Design and conduct a smart channel right turn information form and education messaging - Align to safety website and messaging
					At a top priority location construct smart channel design and perform analysis of impacts to right turn incidents
PP-S1-A (Pg. 87)		Communications	Engineering RCMP		Review current relevant traffic safety information shared on the City website
					Confirm information shared is correct and consistent
					Identify and address any inaccuracies or gaps of information that may exist.

Project Number (Pg # of Report)		Lead	Support	External	Task
			Municipal Enforcement		Engage with internal stakeholders to confirm what information they currently share, and information that may be missing; and the capability of resources to gather, compile and share information
					Strategize regarding the collection of "new" data or information and allocate appropriate resources to perform actions.
PP-S1-B (Pg. 88)		Engineering	Strategic Services & Communications RCMP Municipal Enforcement	CRISP	Investigate opportunity for stronger involvement in the regional traffic safety culture survey through CRISP
PP-S1-C (Pg. 89)		Communications	Engineering Community and Social Development		Investigate messaging from the CCMTA
					Align messaging and local context for information sharing through the City website and campaign to commemorate the National Day of Remembrance for Road Crash Victims
TSM-P1 (Pg. 95)		Engineering	RCMP Communications		Develop a clear definition of a "serious injury"
					Evaluate and revise (as required), the process followed in previous reviews.
					Develop a plan for conducting the reviews internally or with outside assistance, or a combination.
TSM-P2 (Pg. 96)		Engineering	RCMP Communications		Review the existing Transportation Association of Canada Guidelines for In-Service Road Safety Reviews and more recent documents (such as Alberta Transportation's Methods of Reducing Collisions on Alberta Roads and Capital Region Intersection Safety Partnership's Safe System report)
					Adopt a set of guidelines consisting of a combination of the above documents. Include Safe System elements in support of this Transportation Safety Plan.
					Adopt a process to conduct in-service road safety reviews, including resources, the number of locations per year and the types of network locations to target or criteria used to establish priority or trigger of investigation.
					Decide on a delivery model for in-service reviews (in-house / external consultants / combination).
TSM-P4 (Pg. 98)		Engineering	Planning		Develop an RSA process, identifying the types of projects for which RSAs should be conducted (e.g. projects of a certain size, complexity).
TSM-S1-A		Engineering	RCMP		Separate major injury collision records from minor injury collision records within central database

Project Number (Pg # of Report)		Lead	Support	External	Task
(Pg. 103)			Municipal Enforcement Communications		Perform separate data analysis on total injury collisions and major injury collisions. Where trends in major injury collisions may be statistically insignificant due to low numbers, conclusions may be drawn from total injury data base
					Integrate the analysis of major injuries into the Annual Collision Statistics Report, within a separate section of the report
					Perform traffic / pedestrian counts in school zones to collect data on volumes and times of day. From data – identify when volumes of pedestrians and vehicles begin to increase and decrease through the day
					Engage with stakeholders (school boards and school site representatives) to obtain feedback on opinion of appropriate school site hours
VRU-P1 (Pg. 106)		Engineering	Municipal Enforcement Communications	School Boards	Engage with other municipalities to review their current practices
					Assess local conditions by utilizing the Alberta Guidelines for School Zones and Playground Zones – conduct site investigations and score each school location / roadway based on both School Criteria and Playground Criteria
					Note – Playground evaluation will only be conducted for school sites with greenspace / playgrounds
					Summarize the information / data and recommendations from the Provincial evaluation
					Engage with other municipalities to review their current practices
					Perform traffic / pedestrian counts in playground zones to collect data on volumes and times of day. From data – identify when volumes of pedestrians and vehicles begin to increase and decrease through the day
VRU-P2 (Pg. 107)		Engineering	Municipal Enforcement Communications	School Boards	Assess local conditions by utilizing the Alberta Guidelines for Playground Zones – conduct site investigations and score each school location / roadway based on Playground Criteria.
					Make specific note of site improvements to locations that would be beneficial – for example; placement of fencing would eliminate the recommendation as a “zone”.
					Summarize the information / data and recommendations from the Provincial evaluation
					Update Municipal Engineering Standards to apply the guidelines as part of new development
VRU-P3 (Pg. 108)		Engineering	Communications		Create criteria ranking to prioritize existing pedestrian crossing control locations for improvements
					Run all sites identified through the criteria and ranking system and prioritize improvements by site

Project Number (Pg # of Report)		Lead	Support	External	Task
VRU-S1-A (Pg. 110)		Engineering	RCMP Communications	School Boards Cycling Clubs Youth Groups	Set criteria for placement of signs. Criteria may involve – Type of crossing control, number of pedestrians / cyclists, and incident occurrence of pedestrian / cyclist collision, resident requests (through alternative safety programs such as Neighbourhood Traffic Calming).
					Perform network review of locations that meet necessary criteria
VRU-S1-B (Pg. 111)		Engineering	Communications		Align enhanced marking treatments with updated Pedestrian Crossing Control Guidelines and set criteria for the placement of enhanced road-marking material
					Perform network review of locations that meet criteria
					Apply new standards for road marking treatments to the Engineering Standards
VRU-S1-C (Pg. 112)		Engineering	Planning Public Works Emergency Services		Engage internal stakeholders to address maintenance and other potential issues
					Integrate curb extensions into City standards; with other traffic calming measure designs
VRU-S1-D (Pg. 113)		Engineering	Communications		Set criteria for the leading pedestrian interval – in terms of time accommodation
					At identified sites evaluated current operational conditions and opportunity to integrate leading pedestrian intervals
					Pending the network screening – identify if incidents involve left turning movements or right turning movements and evaluate impacts of further operational changes such as Protected Only Left Turns (See Project INT-S1-B) or No Right Turn on Red.
VRU-S1-E (Pg. 113)		Engineering	Communications		Develop an accessible pedestrian signal (APS) standard and apply to the Municipal Engineering Standards (for new development work)
					Perform network assessment of current infrastructure and conditions and identify locations that are not operating with APS
					Develop criteria and prioritize locations for installation of the APS system
					Integrate and update the Transportation Systems Management Project Charter to install APS throughout the City through the prioritized strategy
					Collaborate with signal manufacturers on standardizing the use of Pedestrian Countdown Timers
					Communicate the impacts and expectations of Pedestrian Countdown timers with the operational shift of traffic signals to Adaptive Signal operations – loss of proactive countdowns – key messages on focusing on the driver indications versus countdown dependency (pending results of collaborative work with signal manufacturer)

Project Number (Pg # of Report)		Lead	Support	External	Task
VRU-S1-F (Pg. 114)		Communications	Engineering RCMP Municipal Enforcement	CRISP Schools Cycling Groups Walking / Running Clubs	Develop or integrate a public educational campaign for the autumn identifying the issue(s) and provide tips to residents – Align to the Provincial Safety Calendar
VRU-S2-B (Pg. 116)		Engineering	Planning and Development	UDI Development Stakeholders	Update Municipal Engineering Standards to reflect Complete Streets Design
VS-P1 (Pg. 117)		Engineering	RCMP Municipal Enforcement Communications		Monitor and evaluate impact of installation of speed display signs, as related to site conditions "pre" and "post" installation. Note – as these devices are aligned with larger scope program delivery, the evaluation is reflective of site conditions prior and following potential multiple safety improvement actions.
					Perform network screening to identify high speed areas and collision prone sites, that may be used to target areas of implementation
					Review the Transportation Association of Canada (TAC) Speed Display Device Guidelines
					Develop a warrant or installation program aligned to the TAC Speed Display Guidelines and local context / programs.
VS-S1-A (Pg. 120)		Engineering	Planning Public Works Transit Emergency Services	UDI	Integrate new roadway design standards from the Complete Streets Design Guidelines and Neighbourhood Traffic Calming measures into the Municipal Engineering Standards
VS-S1-B (Pg. 121)		Engineering	RCMP Municipal Enforcement Communications Transit Public Works	CRISP City of Edmonton (OTS)	Investigate and review best practices from agencies that have performed speed reductions for neighbourhood roads
					Seek engagement from Capital Region partners on opportunity to review / investigate regionally
					Investigate impacts of reduced neighbourhood speeds – including service delivery (such as Transit, Waste Management), anticipated travel times for residents, signage and field needs to support any changes
					Develop information / messaging from data findings

Project Number (Pg # of Report)		Lead	Support	External	Task
					Prioritize communities of the City that are influenced by high speeds
VS-S1-C (Pg. 122)		Engineering		CRISP Edmonton (OTS)	Perform network screening of 85% speeds of roadways (various roadways and classifications)
					Identify and compare recorded speeds to posted speeds: incorporate enforcement activity records of speed and violations
VS-S1-F (Pg. 125)		Engineering	Communications RCMP Municipal Enforcement Planning and Development	UDI Development Community	Update Process / Guidelines from "lessons learned" in the first communities of Erin Ridge and Erin Ridge North
					Update Municipal Engineering Standards to include traffic calming measures
2020 PROGRAM TASKS					
DST-S1-E (Pg. 78)		Engineering	Engineering RCMP Community and Social Development	Driving Schools School Boards Youth Groups CRISP	Investigate the "Drop it and Drive" program
INT-S1-A (Pg. 83)		Engineering	IT Communications		Complete an evaluation of the artificial intelligence technologies to measure performance effectiveness and move forward with network improvements (as prioritized by need).
INT-S1-C (Pg. 84)		Engineering	Communication Public Works		Monitor and evaluate effectiveness in reducing collision occurrence, or increased signal compliance by drivers
PP-S1-A (Pg. 87)		Communications	Engineering RCMP Municipal Enforcement		Identify information items that may be provided from partners' websites.
					Identify staff leads for information gathering and messaging related to updates to the City website
					Through the Communications group, review the layout and relevant traffic safety information on the website to connect information and make the experience of "finding" information friendly and accessible.

Project Number (Pg # of Report)		Lead	Support	External	Task
					Plan the layout of information within the City website with communications and corporate staff.
					Integrate local context photos and graphics in the delivery of messages – which may require design team assistance
TSM-P1 (Pg. 95)		Engineering	RCMP Communications		Secure annual funding that can be used either for post-fatality/serious injury reviews or proactive road safety reviews.
TSM-P2 (Pg. 96)		Engineering	RCMP Communications		Identify corridors / intersection locations via the city network screening process as candidates for in-service road safety review.
					Allocate an annual budget to accommodate in-service reviews.
VRU-P1 (Pg. 106)		Engineering	Municipal Enforcement Communications	School Boards	With the data collected and compiled, stakeholder feedback and final recommendations from Provincial scoring from site evaluations; provide a recommendation for School / Playground Zones and appropriate time of day.
VRU-P2 (Pg. 107)		Engineering	Municipal Enforcement Communications	School Boards	With the data collected and compiled and final recommendations from Provincial scoring from site evaluations; provide a recommendation for Playground Zones and appropriate time of day.
VRU-S1-D (Pg. 113)		Engineering	Communications		At locations meeting criteria and viable for leading pedestrian interval operation, initiate the operational change
					Make information available on the City website for the rational and descriptions of leading pedestrian intervals and impacts
VS-P1 (Pg. 117)		Engineering	RCMP Municipal Enforcement Communications		Compare results of the network screening that were identified as candidate sites to the TAC Guidelines and applicable developed City Guidelines. Evaluate sites and prioritize installations – based on alignment to other programs or if "stand alone" align to safety improvement and enforcement activities.
VS-S1-C (Pg. 122)		Engineering		CRISP Edmonton (OTS)	Perform an updated network TAC evaluation of speed limits throughout the City
					As an "opportunity" to the network evaluation – investigate and identify any corridors that may have variable speed limits applied

Project Number (Pg # of Report)		Lead	Support	External	Task
VS-S1-D (Pg. 123)		Engineering	Municipal Enforcement RCMP Communications		Complete the network speed evaluation (Project VS-S1-C) and identify if any candidate roadways exist in St Albert for variable speed limit implementation
VS-S1-F (Pg. 125)		Engineering	Communications RCMP Municipal Enforcement Planning and Development	UDI Development Community	Evaluate the impacts of implementing neighbourhood traffic calming in the communities of Erin Ridge and Erin Ridge North – report on impacts and make information public
YD-S1-B (Pg. 127)		RCMP / Municipal Enforcement	Municipal Enforcement RCMP	CRISP School Boards Alberta Transportation AMA Licensing Agencies	Contact the Provincial Traffic Safety representative for the St Albert area and seek messaging and information
					In alignment with the Provincial Safety Calendar; provide information and any links to resources on the City website.
2021 PROGRAM TASKS					
INT-S2-B (Pg. 86)		Communications	Engineering RCMP Municipal Enforcement	Driving instruction agencies School Boards	Develop public education campaign / seek campaigns "in use" around appropriate behaviour for free-flow conditions
					Utilize the City website safety page for dissemination of information – promote the safety page
PP-S1-A (Pg. 87)		Communications	Engineering RCMP Municipal Enforcement		Run the adjusted website and promote its changes / updates through media messaging
					Refer active and vocal residents or stakeholders to the website for "updates" on City projects, policies and initiatives.
SV-S1-A (Pg. 91)		Smart City	Engineering	University of Alberta Alberta Transportation City of Edmonton	Identity at least one national industry organization (such as TAC, ITE, CCMTA) and one municipal-based organization, such as FCM to participate in discussions with to stay fully aware of developments. Also discuss CAV with the City of Edmonton and Alberta Transportation.

Project Number (Pg # of Report)		Lead	Support	External	Task
SV-S1-B (Pg. 91)		Engineering	IT Communications	U of A	Review of the readiness of its current infrastructure to safely accommodate connected vehicles Collaborate with traffic signal manufactures to prepare field level integration of upcoming technologies that will enable support for connected vehicle integration at the broader level.
SV-S1-C (Pg. 92)		Engineering	Planning Economic Development	U of A Alberta Transportation	During the City's update of the Transportation Master Plan, integrate a review of other long-term transportation plans and consult with municipalities and Alberta Transportation regarding its revised approach to planning in the context of autonomous vehicles. Appropriately incorporate connected and autonomous vehicles in the City's next update to its Transportation Master Plan.
TSM-P6 (Pg. 101)		Engineering	RCMP Municipal Enforcement Communications	Alberta Transportation	Align traffic data conflict analysis with In-Service Road Safety Reviews at priority locations of collision occurrences
YD-S1-A (Pg. 126)		Communication	Municipal Enforcement RCMP	CRISP Alberta Transportation AMA School Boards	Review information and link to resources on the City website, provided by the Alberta Motor Association – including a Parent Coaching Guide and a Driving Contract between parents and teens – look for alignment to the Provincial Safety Calendar for messaging
2022 PROGRAM TASKS					
PP-S1-A (Pg. 87)		Communications	Engineering RCMP Municipal Enforcement		Monitor resident inquiries and usage of the website to influence further updates or additional information to ensure clear and concise messaging to benefit site users.
TSM-P5 (Pg. 99)		IT	Engineering Communications		Review current process, in detail, as relevant to receiving and managing public traffic safety concerns Investigate other municipality processes and systems for public traffic safety concerns Develop criteria surrounding traffic safety issues;

Project Number (Pg # of Report)		Lead	Support	External	Task
					Develop a flow chart identifying process, covering areas such as: reception of comments, validation of complaints, provision of response (confirming receipt of concern), setting level of service for types of concerns received, protocols and resources to handle response, data information / summary, coordination with stakeholders, response strategy
VRU-S1-G (Pg. 114)		Engineering	Communications RCMP Municipal Enforcement		Update the Traffic Bylaw to reflect the findings of the review.
					Through network screening, prioritize areas / crossings to address for signage
					Communicate and educate the public on the new changes
2023 PROGRAM TASKS					
TSM-P5 (Pg. 99)		IT	Engineering Communications		Target / upgrade to a management system that can accomplish the flow chart through a highly automated fashion and one that can track / report on concerns through various functions – type of concern, location, response rates / summary, actions and resource allocation.
					Develop standardized responses for common complaints / issues
					Identify leads for complex / specific complaints
					Provide training for the system
YD-S1-C (Pg. 128)		Smart City	IT Engineering Communications RCMP Municipal Enforcement Community and Social Development	CRISP City of Edmonton (OTS) Alberta Transportation AMA	Identify stakeholders that are developing or encouraging safe driving apps regionally and nationally
					Through CRISP or other initiatives, seek sharing opportunities with stakeholders
					Obtain information, research, and emerging trends relating to safe driving apps
					Through CRISP, seek opportunity to partner with stakeholders in the promotion of apps

Project Number (Pg # of Report)		Lead	Support	External	Task
LONG-TERM PROGRAM TASKS					
TSM-P6 (Pg. 101)		Engineering	RCMP Municipal Enforcement	Alberta Transportation	Review the market for automated video-based traffic conflict tools, and select a supplier to pilot the use of the technology
TSM-P7 (Pg. 102)		Engineering	RCMP Municipal Enforcement Communications	Alberta Transportation City of Edmonton (Office of Traffic Safety	Contact the City of Edmonton Office of Traffic Safety to generate knowledge on their experience and actions in establishing their Office of Traffic Safety
					Identify required resources and staging of growth or development of the office – align to current resources and leads
					Establish a relationship with regional partners as related to OTS and seek opportunity of regional collaboration on integration of OTS.
TSM-S1-B (Pg. 104)		Emergency Services	Engineering Communications	CRISP Alberta Health Services	Engage with Alberta Health Services to determine appropriate data to track
					Review existing initiatives – involving AHS, AT, ACICR, U of A, Edmonton OTS and others – to link collision and health data and consider participating in these initiatives. Note – this may start as a feasibility study, to determine data availability, resource requirements
TSM-S1-C (Pg. 105)		Transportation	Planning and Development GIS RCMP Municipal Enforcement Communications	City of Edmonton OTS CRISP Alberta Transportation	Identify all external stakeholders who maintain or generate safety related data and form a working group
					Identify all safety related data to include any data overlaps – start with traffic control, traffic volume and collision data; and ensure the capability of including information such as lane geometry and improvement history
					Develop procedures and requirements for entering relevant data such as frequency of updates, and required data format for the City's GIS
					Develop a standardized tool / location where the data will be stored
					Trial the process for one year – identify lessons learned and opportunities for improvement
					Implement the process and continue to engage with stakeholders as required
					Provide internal training for the use of the model with GIS
					Maintain and update the model with new / relevant information
VS-P2 (Pg. 118)		Engineering	Planning and Development		Review the MORCOAR Guidelines for Gateway Treatments
					Perform network screening of collisions involving non-residents (as at fault-drivers)

Project Number (Pg # of Report)		Lead	Support	External	Task
VS-S1-D (Pg. 123)		Engineering	Municipal Enforcement RCMP Communications		Identify candidate locations to which gateway treatments would be anticipated to influence behaviour and collisions Prioritize sites based on set criteria Investigate and review other jurisdictions experiences, applications and impacts of variable speed limit use
PENDING PROGRAM TASKS					
INT-S1-A (Pg. 83)		Engineering	IT Communications		Pending results of the evaluation – expand the adaptive / smart signal applications
DST-S1-D (Pg. 77)		Engineering	IT Community and Social Development Engineering Enforcement		Pending results of identifying available anti-distraction apps and alignment to the Provincial Safety Calendar or partnership through CRISP - Increase awareness of the apps and benefits through educational campaigns (align with Distracted Driving month safety campaign)
DST-S1-E (Pg. 78)		Engineering	Engineering RCMP Community and Social Development	Driving Schools School Boards Youth Groups CRISP	Pending results of investigation of the program - discuss and seek opportunities of any application and partnership on delivery of a program through CRISP
INT-P2 (Pg. 80)		Engineering	PW Transit Emergency Services Communications		In alignment with transportation network improvements, conduct an evaluation or feasibility study to identify if intersections of planned improvements could be redesigned to a roundabout

Project Number (Pg # of Report)		Lead	Support	External	Task
INT-P3 (Pg. 81)		Municipal Enforcement	Engineering RCMP Communications		Prioritize and plan expansion of the Intersection Safety Device program
INT-S1-B (Pg. 83)		Engineering	Communication		Complete public media notifications of changes
INT-S1-C (Pg. 84)		Engineering	Communication Public Works		Implement network wide if proven effective; through a prioritized location strategy
TSM-P1 (Pg. 95)		Engineering	RCMP Communications	Alberta Transportation	Communicate to the public, as required, the results of each review and the actions taken in response.
TSM-P2 (Pg. 96)		Engineering	RCMP Communications		Following completion of an in-service review, develop an implementation plan for safety improvements, with associated project charter (funding) source.
TSM-P3 (Pg. 97)		Engineering	RCMP Communications	Alberta Transportation Alberta Health Services	Account for exposure in the ranking of locations (e.g. traffic volumes) to highlight locations that may benefit the most from improvements.
TSM-P4 (Pg. 98)		Engineering	Planning		Pending training funding and availability, provide RSA training for conducting or managing RSAs
TSM-P6 (Pg. 101)		Engineering	RCMP Municipal Enforcement Communications	Alberta Transportation	Pending budget approval and resource capacity, conduct internal staff training regarding the traffic conflict principles and procedures.
					Repeat step 1, based on the output of the video-based tool
					Investigate establishing a program for manual or automated traffic conflict data collection or combination

Project Number (Pg # of Report)		Lead	Support	External	Task
					Prepare basic guidelines and instruction for key stakeholders, such as school district staff or other special interest groups regarding traffic conflict monitoring, so safety concerns may be reported in a more objective manner.
					Continue to correlate collision and conflict data on a more widespread basis and develop collision and conflict prediction models based on the correlation
VRU-P1 (Pg. 106)		Engineering	Municipal Enforcement Communications	School Boards	Communicate proposed changes to the public
					Update the Traffic Bylaw accordingly
					Implement changes
VRU-P2 (Pg. 107)		Engineering	Municipal Enforcement Communications	School Boards	Communicate proposed changes to the public
					Update the Traffic Bylaw accordingly
					Implement changes
VRU-S1-A (Pg. 110)		Engineering	RCMP Communications	School Boards Cycling Clubs Youth Groups	Locations identified, meeting criteria, that have the current Point, Pause and Proceed Signs, shall remain as such until maintenance of the sign is required – at which time the new design shall be placed.
					Locations identified, meeting criteria, that do not have signs placed may be prioritized for sign placement and scheduled for installation, with funding through the City's sign budget (no separate funding required).
VRU-S2-B (Pg. 116)		Engineering	Planning and Development	UDI Development Stakeholders	Develop an Active Transportation Plan to address overall network walking and cycling accommodation and needs
VS-P2 (Pg. 118)		Engineering	Planning and Development		Pilot the implementation of a gateway treatment at the top priority site and evaluate impacts (minimum 2-year evaluation)
					Expand the program pending success of the pilot project

Project Number (Pg # of Report)		Lead	Support	External	Task
VS-S1-B (Pg. 121)		Engineering	RCMP Municipal Enforcement Communications Transit PW	CRISP City of Edmonton (OTS)	Pending results of Neighbourhood Traffic Calming program actions and information received from regional partners or other communities – develop a strategy on neighbourhood speed limits. Considerations involve – traffic calming / road design, city-wide or targeted areas, impact to special areas such as School or Playground Zones *Link to Project VS-S1-C
					Implement strategy and communicate with residents – field changes, bylaw amendments, messaging / campaign
VS-S1-C (Pg. 122)		Engineering		CRISP Edmonton (OTS)	Pending results of the TAC evaluation, perform updates of posted speeds – field changes and amend the Traffic Bylaw
VS-S1-D (Pg. 123)		Engineering	Municipal Enforcement RCMP Communications		Pending results of the network evaluation, identify areas that meet criteria and may be candidates of variable speed limits
					Pilot the use of a variable speed limit on a corridor or site and evaluate impacts
					Pending results of the pilot program, expand the use of variable speed limits based off locations identified through the network evaluation and prioritized need
YD-S1-B (Pg. 127)		RCMP / Municipal Enforcement	Municipal Enforcement RCMP	CRISP School Boards Alberta Transportation AMA Licensing Agencies	Contact and collaborate with local high schools to encourage areas of engagement and partnership – emphasis on actions where students are leads
					Seek community champions for messaging and information sharing
RSIP-3 (Pg. 131)		Engineering		CN Rail Transport Canada	Pending results of RSIP Grant applications, perform design work
					Pending results of RSIP Grant applications, perform necessary construction work

CLOSING

The Transportation Safety Implementation Plan presents multiple strategies that may be led, supported and involve input from multiple stakeholders.

As a component of delivering on the Implementation Plan, annual updates will be made that share information on actions completed, impacts of work completed, alignment of strategies with results of network screening and future planning details as to where strategies may be best applied within the community, and communication of further considerations to implementation.



The strategies and timelines associated with the Implementation Plan may be influenced by factors such as updated network screening, impacts of industry (particularly around vehicle safety and resulting network needs for support), results of engagement from outside stakeholders during any program or information investigation, resource capacity and approved funding.

Funding to complete strategies, associated with operating or capital financial implications, will be communicated as such through the standard budget process and background document requirements – updated or newly developed project charters and / or business cases.

Questions associated with the Transportation Safety Plan or supplementary Transportation Safety Implementation Plan may be directed to:

Phone: Engineering Services: 780-459-1654
Email: trafficsafety@stalbert.ca