

1. Direct and Aligned Investments

Partner Name: _____

City of Victoria: _____

In the following table, please outline the description and type of direct and aligned investments. For example, if you are installing a new bus shelter, sidewalk bikelane, etc. this shows municipal infrastructure being invested to increase active mobility. Where possible, please include a monetary value or a quantitative value that can be monetized (e.g. in-kind staff time) over the five-year program.

The different types of direct and aligned investments include:

- **Funding:** Monetary amounts that will help to leverage the \$10 million grant.
- **Program:** In-kind materials, assets, or staff time to advance the initiative.
- **Research & Development:** Ideas, concepts, proposals and/or development that can be applied to the initiatives.
- **Collaborative:** Commitment to participate as a partner to share data, offer mobility services, connect to potential users, or align government and non-profit policy and advocacy objectives.

Please complete the following table with committed projects or investments (direct or aligned) that contribute to the Smart City Challenge outcomes.

Aligned Funding Table, For Four-Year Period (2019-2023)

Capital Infrastructure Investment	Description	Est. Value (\$)
"Complete" Streets	Using a proactive pavement asset management strategy, streets are rehabilitated or resurfaced with the objective of maintaining the City's street system for future generations in the most timely and cost-effective way. Each road rehabilitation project is reviewed using a complete streets lens to help ensure that when we are repairing and replacing our infrastructure we maximize the benefits for pedestrians, cyclists and the mobility impaired whether that is new cycling infrastructure, sidewalks, street lighting, accessible traffic signals or new pedestrian crossings.	\$19,228,000
Bicycle Master Plan Implementation	The City is accelerating the construction of 32km of All Ages and Abilities Cycling infrastructure by 2023 to improve safety and connect key destinations including employment hubs, parks, schools and recreation centres. When complete, 78% of Victoria's land area will be within 400m of an AAA facility, including 93% of schools and 73% of parks within a 400m intersect.	\$11,190,000 + TBD for future years

Crosswalk Installations / Upgrades	The goal of this program is to provide a safe, connected and comfortable walking network. The City prioritizes new crosswalks and upgrades to existing crosswalks by reviewing historical safety data, community and walk to school plans and through public outreach. This City funded program typically upgrades 2 crosswalks per year, but many other crossings are also improved and added through other city capital programs and land development projects with, for example approximately an additional \$1M of crosswalk investment happening in 2019 through these.	\$740,000
Fleet Telematics	Fleet GPS and operational data is being gathered via our Telematics program, which aims to define operational duty cycle for all fleet and equipment assets, which can then be compared to low carbon and higher 'value for money' alternatives, to inform the future fleet acquisition decisions.	Funds already expended
LED Street Lights	In 2018, all City streetlights were transitioned to LED (~6700 units) to reduce overall energy costs and increase capability for sensors and digital infrastructure in support of Smart City goals.	Funds already expended
Traffic Signal Accessibility upgrades	An annual program of pedestrian countdowns at signals and Audible Pedestrian Signal (APS) upgrades plus the planned implementation of tactile paving at intersections.	\$182,000
Public Transit Infrastructure	City funded bus shelters, continued partnership with BC transit for new shelters and 2019 update to current bus shelter contract with 3 rd party supplier to deliver safe, comfortable, accessible and connected bus stop infrastructure	\$156,000
Pedestrian Master Plan Implementation	The 2008 Pedestrian Master Plan prioritized closing gaps in areas missing sidewalks throughout the City, which are now being built, block by block. Sidewalks were prioritized based on road classification, proximity to activity centres such as schools and proximity to transit. This plan is being renewed and will be improved/amended through the City's "Go Victoria" sustainable mobility strategy.	\$1,931,000
Pedestrian Safety (Slips, trips and falls) program	As well as adding new sidewalks, the city invests in the upkeep and repair of the existing walking infrastructure with a focus on accessibility and safety issues with approximately 500m of sidewalks a year upgraded.	\$1,485,000
Pathway Upgrades	The City continues to make capital investments in a contiguous pathway along the harbour waterfront as well as in off-street multi-use pathways to enhance accessibility, safety and connectivity.	\$1,485,000

Smart City Transportation Data Collection	The City is investing in modern digital mobility monitoring systems and devices, which will measure safety, use, and help optimise the City's transportation networks.	TBD
Planning and Policy Investments	Description	Est. Value (\$)
Strategy	<p>The City is developing a new Sustainable Mobility Strategy through 2019 called "Go Victoria". This strategy will define the vision for transportation over the coming decades and align our mobility future with the values that are important to our citizens and our city. As such, it will position the City to effectively and proactively embrace the transformational power of new technology within transportation in a way that is best for the City.</p> <p>The planning process will include data analysis and community input to identify how we can improve transportation safety, mobility options, and enhance the overall experience of getting around. It will address:</p> <ul style="list-style-type: none"> • Walking, cycling, skateboarding, public transit, and driving • Using mobility services, such as taxis, ride-hailing, water taxis, car-share, or bike-share • Curb space and parking management, including passenger loading • Goods and services movement, including deliveries and commercial loading • Long-distance travel, such as float planes, ferries, and cruise ships • New and emerging technology that is making mobility more open, integrated, and seamless 	\$250,000
Parking Requirements & Design Guidelines in new development	Development intensity has increased within Victoria and continues to shape future mobility options. The City will continue to develop and enhance new guidelines and requirements to expand electric vehicle charging infrastructure, barrier-free vehicle parking, transportation demand management programs and bicycle parking in private developments.	TBD
EV Charging Infrastructure Implementation	The City of Victoria is currently developing an EV infrastructure charging strategy and has committed to continuing investments in new public charging infrastructure (Level 2 and Level 3)	\$50,000

New Bylaws and Regulations	The City will develop new bylaws and regulations to support and integrate the growth of emerging mobility services and their use of the public right-of-way.	TBD
Existing Bylaw and Regulations alignment	The City is performing a review of existing bylaws related to transportation system management and land use to support the objectives identified in Go Victoria and Official Community Plan. This will include the Streets and Traffic bylaw, Zoning bylaw, Subdivision Servicing bylaw and Highway Access bylaw.	TBD
Planning for Transformational public transit improvements	<p>Over the next 5 years, the City will strongly advocate for investments which will fully exploit the highest and best value of transit to move people on corridors including Douglas street and other transportation corridors to enhance mobility performance, and benefit climate change, affordability, safety and health outcomes.</p> <p>Zero emissions busses, smart bus information / real time data, all door loading, increased safety sensors, traffic signal prioritization systems, single digital payment systems for all modes, and other actions will help shape today's bus capability.</p> <p>Increased investment and planning in rapid transit (BRT or LRT) is required to transform Douglas and other key corridors into 'friction-free' public transportation options linking Saanich, the peninsula and the West Shore to the downtown.</p> <p>Subsidized transit passes and other measures to increase ridership will be part of these planning steps.</p>	TBD