



Capital Budget Request - DESIGN & CONSTRUCTION

Project Name	Pedestrian Actuated Crosswalk 2020	\$	60,000
Order Code		Project Location	Eagle Ridge
Project Category	Transportation	Ward	1 - Fort McMurray
Type of Project	New Asset - Construction	Municipal Function	32 - Road Transport

Project Description and Scope

Eagle Ridge Gate is a 4-lane arterial road with median, 22 meters wide, city transit stations are available at both sides of the road. Parking is not permitted. Sandpiper Road is a 2-lane local road, parking is permitted. Posted speed limit for both roads are 50 km/h. The Eagle Ridge Gate and Sandpiper Road intersection is a 4-lane / 2-lane intersection with good visibility from the major street, drivers tend to ignore the stop signs at the major street, not because they deliberately violate the traffic law, just because they can see very clear that there is no traffic, no pedestrians or bicycles from the side street, so there is no need to stop.

The combined traffic volumes from the side street only count for 23.5% of the major street, the stop signs at major street severely disturb the traffic flow at major street. It has potential to increase the rear-end crash rate on the major street.

Traffic recommends the removal of the stop signs at Eagle Ridge Gate and make the intersection 2-way stop control.

The existing crosswalk device is insufficient to accommodate the crossing demand, it is recommended to upgrade the existing marked crosswalk to pedestrian push buttons or another special crosswalk device.

Project Cash Flows

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other
2019 & Prior	-				
2020	60,000				
2021	-				
2022	-				
2023	-				
2024	-				
Thereafter	-				
Total Budget	60,000	-	-	-	-

Additional Funding Details

Business Case created by	<u>Darin Murphy</u>
Project Sponsor Branch	<u>Roads Services</u>
Project Sponsor Department	<u>Public Works</u>
Project Delivery Branch	<u>Roads Services</u>
Project Delivery Department	<u>Public Works</u>