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| ESQUIMALT GRAVING DOCK AND SHIP REPAIR FACILITY TRAFFIC STUDY | | |
| This project included a Traffic Study for the proposed Esquimalt Graving Dock and Ship Repair Facility (EGD) upgrade. The objective of this study is to review the conditions for people walking, cycling, and driving, and to identify feasible opportunities for improving the safety and comfort of all road users at the study intersection for the site upgrade.  The tasks completed were:   * + Assessing the study intersections;   + Completing traffic counts at the study intersections; * Investigating the current traffic distribution at the study intersections during the a.m. and p.m. peak hours using the newly obtained information; * Determining and analyzing the existing and projected traffic volumes resulting from the re-development and evaluate their impacts on the study intersections for the a.m. and p.m. peak hours for the opening year (2027) and under the 5 (2032) and 15-year horizons (2042); * Reviewing the development’s access points to ensure ingress and egress operate efficiently; * Reviewing the sight distance at the development’s access points; and, * Identifying and recommending appropriate infrastructure improvements necessary to accommodate the estimated traffic volumes. |  | Client  Kasian Architecture  Project Location  Esquimalt, BC, Canada |