				Traffic Management Plan			Dept. ID	
							Doc ID	7950
							File Loc.	
							Project#	23CIHALK01
Client	CI	Location	Halkirk 2 Substation	EQ ID	IDS	REV	Date	31-08-2023

1. INTRODUCTION

The Traffic Management Plan describes procedures and protocols for site access, traffic routing and management, with respect to material and employee transportation.

This plan covers the following scope:

- Unloading of delivery trucks and trailers
- Workers travelling to and from the worksite

Rising Edge Group will attempt to hinder the flow of traffic as little as possible.

This document was prepared in accordance with Alberta Transportation’s “Traffic Accommodation in Work Zones 2008, First Edition”.

2. SITE ACCESS – GENERAL

In the interest of site security and public safety, access to operational areas will be restricted to authorized site personnel through the usage of signs. Signage will be installed at appropriate locations in order to warn the public of the construction activities.

3. SPEED LIMITS

The speed limit on project roads will be reduced to 50km/h which is inline with the Capital Power Traffic Management. The speed limit on the substation access road will be limited to 30 km/h and 10 km/h while at the substation.


4. COMMUNICATIONS AND NOTIFICATION PROTOCOLS

All efforts will be made by the Rising Edge Group to limit the impact on local and project traffic. Rising Edge Group anticipates being able to accomplish this through the following means:

- By limiting deliveries of materials and equipment between the hours 07:30-08:30 and between the hours of 15:00-16:00 whenever possible. As these hours typically have more local and school bus activity.
- Yielding to all heavy traffic such as turbine deliveries and concrete trucks.
- Paying close attention and reducing speed when travelling by any residences on the project footprint since there is a greater potential of having vehicles turning onto or off of the roadway as well as children in the area.

4.1. SIGNAGE

- Understanding that some degree of impact will be inevitable, especially during work on and around public county roads. At this time, it is not anticipated that construction signage or the use of a flagperson(s) will be required for delivery trucks and trailers turning onto the substation access road from Range Road 151.

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- Throughout the duration of the project, if the need to restrict traffic flow temporarily is required to facilitate a material or equipment delivery. Construction and flag person signage as well as a designated trained flag person(s) will be out into place on each side of the substation access road on Range Road 151. If required signs will be placed as follows:
 - Awareness and Identification Signs will be placed on either side of the construction area that indicate that a flag person is present and that will warn motorists that construction work is taking place.

5. WORK SCHEDULE

The project work schedule will consist of personnel and equipment working from October 2023 until June 2024 at the Halkirk 2 Substation. However, the amount of time that roadways will actually be impacted will be as minimal as possible.

Each work day, will commence at 7 am and finish at 5:30 pm. The work schedule will be comprised of 8 working days followed by 6 days off of work.

6. TRAFFIC ROUTES

Typical project traffic is anticipated that will be travelling on project roads in addition to local landowners.

7. TRAFFIC VOLUMES

Expected low traffic volumes for the area are expected.

8. SPILLS


All equipment will have a spill kit in close proximity to it in order to respond/contain to any unforeseen equipment failures. During refueling periods drip trays and spill kits will be utilized to eliminate the risk of spills. Further spill mitigation may be required by the client in certain areas of the project footprint.

9. CONSTRUCTION HAZARDS

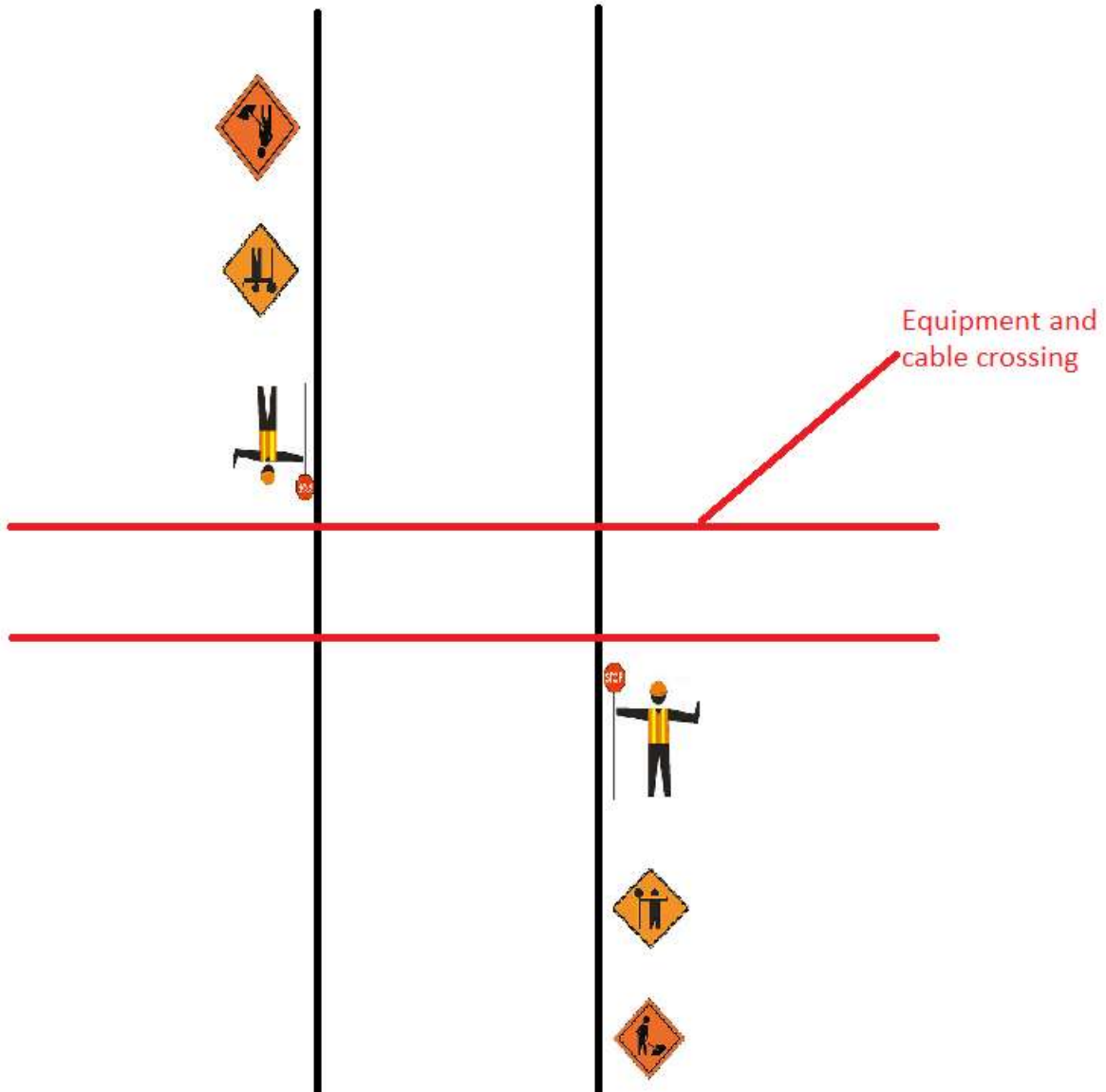
The following construction hazards specific to roadwork are identified in this section with a brief description outlining the measures to reduce risk. This is not intended to take the place of the HSE plans of the project but rather to supplement the overarching safety plans of the project.

9.1. PERSONNEL OUTSIDE OF EQUIPMENT

Hazards related to personnel working around heavy equipment at the work area will be mitigated by implementation of the following:

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- High Visibility Apparel will be worn with reflective striping as per CSA standards by all workers on site.
- Personnel will remain alert and aware of traffic and construction activities and traffic hazards are to be discussed daily in the toolbox meeting.
- Spotters will have Rising Edge Spotter Training.
- A Field Level Hazard Assessment will be conducted for all tasks involving moving large vehicles in and around the work area.
- Overhead powerline signage will be installed as applicable for the area. In addition to this, if equipment will be travelling underneath overhead powerlines a Rising Edge Utility Worker will be used as a spotter for the equipment.



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