 <p>HEALTH, SAFETY & ENVIRONMENTAL PROGRAM</p>	Section: Safe Job Practices and Procedure – Traffic Control					
	Initial HIRA score		20		Residual HIRA score	10
	Critical Task?	Yes	Location(s)	Jobsites	REVISION # 1	
	Description		Directing vehicular/pedestrian traffic in/around construction areas		# OF PAGES:	

SAFE WORK PRACTICES

General

- When possible, face traffic at all times
- Maintain usable lane width of at least 3m in any travelled lane
- Workers should have an escape route planned incase a vehicle enters the work area
- Never work in live traffic without an MTO book 7 compliant protective layout
- Set up traffic control devices at the upstream end of the area
- Ensure you are always visible to traffic/equipment

Signal Person for Equipment/Backing Vehicles on Site


- A signaler must be a competent person and receive adequate written and oral instruction from their supervisor. Before beginning work as a signal person ensure that J-AAR's 'Signal Person Instruction' form is completed and understood.
- Signalers are required when there is work near overhead electrical hazards; traffic control; and reversing equipment or vehicles.
- Signal persons must wear the correct PPE as outlined in MTO's *Book 7*
- Must remain in clear view of the operator they are providing signals for
- A means of communication between signaler and operator should be established before work commences (hand signals, use of two-way radio, etc.

Traffic Protection Plan

- All employers who may have a worker exposed to traffic hazards must have a written, site-specific procedure in place
- Ensure the J-AAR traffic protection plan form has been completed prior to commencing work
- If you have any questions about the plan or your role in it bring them up with your supervisor

Traffic Control Plan

- TCP's are typically developed by the constructor to help manage the flow and hazards of traffic on a specific job site
- All workers involved in traffic control should be familiar with the site-specific TCP before commencing work

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Housekeeping


- Ensure TCP's and signs are not accidentally hidden by equipment/material
- Ensure walkways are clear of material/debris

Personal Protective Equipment


- Per the *Regulations* any “worker who may be endangered by vehicular traffic shall wear a garment that covers at least his or her upper body and has the following features:
 1. The garment shall be fluorescent blaze or international orange in colour.
 2. On the front and the back, there shall be two yellow stripes that are 5 centimetres wide. The yellow area shall total at least 500 square centimetres on the front and at least 570 square centimetres on the back.
 3. On the front, the stripes shall be arranged vertically and centred and shall be approximately 225 millimetres apart, measured from the centre of each stripe. On the back, they shall be arranged in a diagonal “X” pattern.
 4. The stripes shall be retro-reflective and fluorescent. O. Reg. 145/00, s. 23.
 - (2) If the garment is a vest, it shall have adjustable fit. O. Reg. 145/00, s. 23.
 - (3) A nylon vest to which this section applies shall also have a side and front tear-away feature. O. Reg. 145/00, s. 23; O. Reg. 345/15, s. 12.
 - (4) In addition, a worker who may be endangered by vehicular traffic during night-time hours shall wear retro-reflective silver stripes encircling each arm and leg, or equivalent side visibility-enhancing stripes with a minimum area of 50 square centimetres per side. O. Reg. 145/00, s. 23.”
- Consult MTO book 7 and J-AAR’s PPE program for further information

JOB HAZARD RISK ANALYSIS

Initial HIRA Score	Traffic Control Hazards	Controls	Residual HIRA Score
20	Struck by equipment or vehicle	<ul style="list-style-type: none"> Ensure there is an active, compliant, traffic control plan in place for the job site Ensure signalers are used when required 	10
10	No/poor signaling	<ul style="list-style-type: none"> Ensure signalers are used when required 	5

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10	Lack of training	<ul style="list-style-type: none"> Ensure all signalers are competent individuals 	5
8	Lack of Communication	<ul style="list-style-type: none"> Traffic control plan and traffic protection plan should be communicated to workers at the daily safety meeting Persons involved in traffic control should establish a means of communication before commencing work (hand signals, two-way radio, etc) 	4
10	Incorrect PPE/PPE not used correctly	<ul style="list-style-type: none"> All workers must wear CSA Class 2 high-vis PPE Night-time operations require additional PPE Traffic control operations require additional PPE 	5
10	Limited Visibility	<ul style="list-style-type: none"> Signalers should be used any time a driver/operator's sightlines could become obstructed Additional signage/signal persons should be used as required 	5
8	Poor site planning	<ul style="list-style-type: none"> Traffic control plan and traffic protection plan should be developed for specific sites Every project should be planned and organized so that vehicles, machines, and equipment are not to be operated in reverse, or operated in reverse as little as possible 	4

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SAFE WORK PROCEDURES

Planning

1. Ensure the J-AAR Traffic Protection Plan has been completed
2. Review the site-specific Traffic Control Plan if available
3. Complete the J-AAR Signal Person Instruction form
4. Conduct the daily JHA
5. Ensure all required PPE is available
6. Inspect all PPE and traffic control devices, any defective equipment should be tagged and removed from service immediately
7. Workers involved in traffic control should establish means of communication
8. Ensure all required PPE is being used correctly by the workers

During Traffic Control

1. Ensure all Traffic Control Plan requirements have been met or exceeded
2. Begin set up of all traffic control devices at the upstream end of traffic
3. Close one lane at a time, following MTO Book procedures
4. When required – mark temporary lines as required
5. Ensure traffic control personnel/devices are not obstructed by any signs or equipment
6. Those involved in TC should not be assigned any other tasks
7. Supervisors should inspect the set up to ensure it is done correctly/effectively

Completion

1. Re-open/re-direct roadways as required
2. Remove/safely store all signs/equipment/material
3. Ensure the work area has been cleaned as any material has been stored