



Road Closure Traffic Control Plan Border For Border Crossing at 69-110 US-53 International Falls:

Scheduled period of work: 8:00 PM March 20 until 4:00 AM March 21, 2021 meets definition of MTO “short duration” work.

The traffic control plan includes considerations in compliance the MTO requirements for:

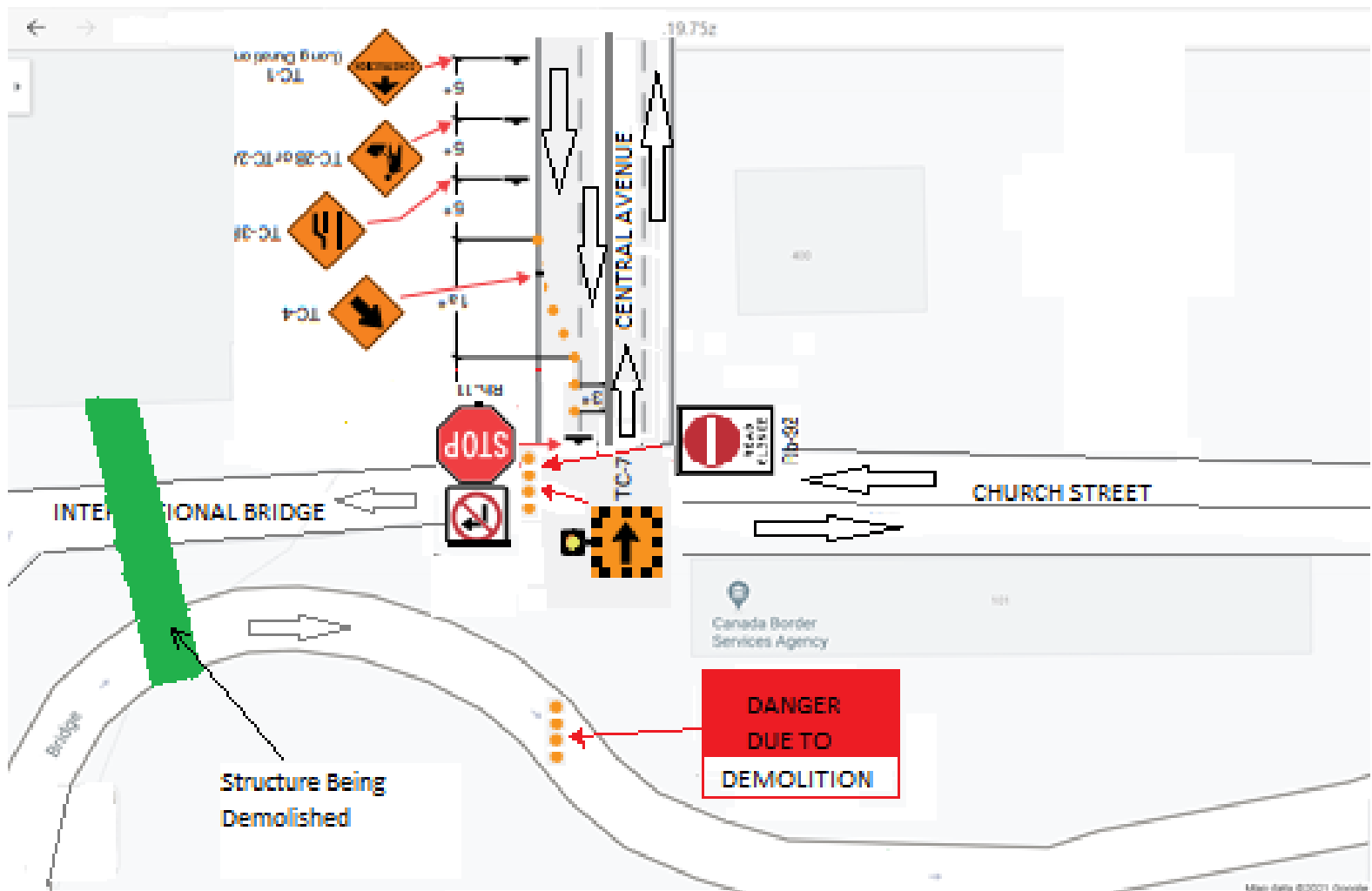
- advance warning area; “construction ahead sign” 120M
- approach area; “right lane closure ahead sign” 80M
- transition area; (taper length 10-15M, 4-6 cones @3M spacing),
- longitudinal buffer area; LBA 30M minimum
- work area(s); “road closed, no right turn,”
- termination area.

PROJECT SPECIFIC MATERIALS LIST FOR TCP:

- TC-7 Right WITH TC-7A (road closed) + stand: quantity x 1
- RB-92 (road closed) + stand: quantity x 1
- Stop sign with RB-11 (no right turn) + stand: quantity x 1
- TC-4L (lane closure arrow left) + stand: quantity x 1
- TC-3R with TC-3RT (right lane ends ahead) + stand: quantity x 1
- TC-2B (construction workers ahead) + stand: quantity x 1
- TC-1 (construction ahead) + stand: quantity x 1
- TC-54 (traffic barrel): quantity x 30 or 42 without the optional saw horse barriers
- TC-53A (saw horse barrier): optional, quantity x 4




Traffic Control Diagram

NORTH





MTO Compliant Signs Reference Information





Construction Ahead Signs

TC-1	TC-1A	TC-1B
CONSTRUCTION AHEAD	CONSTRUCTION AHEAD 1 KM	CONSTRUCTION AHEAD 2 km
		
Minimum Background Reflectivity: High reflectivity micro-prismatic fluorescent (Type VII)		



Lane Closed Ahead Signs

TC-3R	TC-3L
RIGHT LANE CLOSED AHEAD	LEFT LANE CLOSED AHEAD
	
Minimum Background Reflectivity: High intensity (Type III), after January 1, 2016 becomes High reflectivity micro-prismatic fluorescent (Type VII)	

Lane Closed Tab Signs

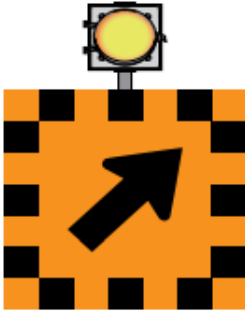


TC-3Ct	TC-3Rt	TC-3Lt	TC-3tA
CENTRE LANE CLOSED TAB	RIGHT LANE CLOSED TAB	LEFT LANE CLOSED TAB	300 m TAB
			
Minimum Background Reflectivity: High intensity (Type III)			

Lane Closure Arrow Signs

TC-4L	TC-4R
LANE CLOSURE ARROW	LANE CLOSURE ARROW
	
Minimum Background Reflectivity: High reflectivity micro-prismatic fluorescent (Type VII)	

TC-2B


Detour-Turn Off/Diversion Signs

TC-7	TC-7tA	TC-7tB
DETOUR-TURN OFF/DIVERSION	ROAD CLOSED TAB	LOCAL TRAFFIC ONLY TAB
		
Minimum Background Reflectivity: High intensity (Type III)		



Road Closed Sign

Rb-92
ROAD CLOSED

Minimum Background Reflectivity: High reflectivity micro-prismatic fluorescent (Type III)

Purpose:

The Rb-92 ROAD CLOSED sign must be used where, due to construction or other activities, a roadway must be temporarily closed.

Conditions:

Requirements are detailed in OTM Book 5 (Regulatory Signs). Use of the Rb-92 must comply with Subsections 28(3) and 102(3) of the Public Transportation and Highway Improvement Act R.S.O. 1990. The regulations on road closings by the Ontario Municipal Board must be precisely followed and where these exist, full information should be obtained from the appropriate traffic authority.