



4070 Belgreen Dr, Ottawa, ON K1G-3N2  
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Project:	Road Closure & Route Detour
Location:	Lyn Valley Rd. - Lyn - Elizabethtown-Kitley
Client:	Crains Construction
Author:	Jim Shelaga, TCS
Date:	July 29, 2025
MTO OTM #:	Modified TS-21
Scale:	Not to Scale

- Notes:
- 1) All signs and traffic control devices to be installed as per OTM Book 7 2022 Guidelines.
  - 2) Parking restrictions is the responsibility of the client.
  - 3) Signage recommended by contractor.
  - 4) Info signs will be moved at time of construction of advance notification location to closure during construction.

Table B Work Zone Component Dimensions: Short and Long Duration Work (Non-Freeways)

Label	Description	Normal Posted Regulatory Speed Limit <sup>1</sup>				
		50 km/h or lower	60 km/h	70 km/h	80 km/h	90 km/h
TCP	Taper Length for TCP Presence (m)	15	20	25	30	30
A <sup>1</sup>	Taper Length for Full Lane Closure (m)	60	85	155	180	200
B <sup>1</sup>	Shoulder/Taper (m) <sup>2</sup>	20	30	55	60	70
C <sup>1</sup>	Longitudinal Buffer Area (LBA) (m) <sup>3</sup>	(20)	(40)	50	60	75
D	Maximum Distance between Markers (m) <sup>2</sup>	6	9	9	12	12
	Minimum Number of Markers for Taper	at least 5 markers	at least 7 markers	at least 9 markers	at least 11 markers	at least 13 markers
E <sup>1</sup>	Minimum Tangent between Tapers (m)	60	85	155	180	200
F <sup>1</sup>	Distance between Construction Signs (m) <sup>4</sup>	50	90	120	140	150
G	Mobile Work: Lateral Intrusion Distance Gap (LIDG) (m)	-	-	35	45	50
H	Stationary Work: Lateral Intrusion Distance Gap (LIDG) (m)	(25)	(40)	50	60	65
H <sup>1</sup>	Sight Distance (m)	150	150	200	250	250

This drawing was created by Beacon Lite (Ottawa) Ltd.  
The installer is responsible for confirming all measurements between signs & channeling devices with Book 7 before implementation.  
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Legend

NEW	07/25/2025	JS	NEW DRAWING
REV	07/29/2025	JS	DRAWING REVISION