



# Beacon Lite

Traffic Control Specialists

4070 Belgreen Dr, Ottawa, ON K1G-3N2  
 Phone: 613-737-7337 Fax: 613-722-0876

<b>Project:</b>	Partial Lane Shift
<b>Location:</b>	406 Roosevelt Ave.
<b>Client:</b>	JBPA Developments Inc.
<b>Author:</b>	Jim Shelaga, TCS
<b>Date:</b>	May 2nd, 2024
<b>MTO OTM #:</b>	Modified TL-9
<b>Scale:</b>	Not to Scale

- Notes:**
- 1) All signs and traffic control devices to be installed as per OTM Book 7 Guidelines.
  - 2) Temporary Construction Barrier installation does not meet OPSD 911.232
  - 3) A 3.25m minimum lane width will be maintained each direction.

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

Label	Description	Normal Posted Regulatory Speed Limit*			
		50 km/h or lower	60 km/h	70 km/h	80 km/h
TCP	Taper Length for TCP (Procession) (m)	15	20	25	30
A <sup>1</sup>	Taper Length for Full Lane Closure (m)	40	85	165	200
B <sup>1</sup>	Shoulder/Taper (m) <sup>2</sup>	20	30	55	60
C <sup>1</sup>	Longitudinal Buffer Area (LBA) (m) <sup>3</sup>	(80)	(40)	50	60
	Maximum Distance between Markers (m) <sup>3</sup>	6	9	9	12
D	Minimum Number of Markers for Taper	at least 5 markers	at least 7 markers	at least 9 markers	at least 11 markers
E <sup>1</sup>	Minimum Tangent between Tapers (m)	40	85	165	180
F <sup>1</sup>	Distance between Construction Signs (m) <sup>4</sup>	50	90	120	140
G	Mobile Work Lateral Intrusion Distance Gap (LIDG) (m)	-	-	35	45
	Stationary Work Lateral Intrusion Distance Gap (LIDG) (m)	(35)	(40)	50	60
H <sup>1</sup>	Sign Distance (m)	150	150	200	250

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**Legend**

- Attenuator
- Barrel
- Sign Placement Indicator
- Site Fencing
- Temporary Construction Barrier w Hoarding
- Work Area

NEW	03/23/2022	JS	NEW DRAWING
REV	11/01/2022	JS	DRAWING REVISION