



Beacon Lite

Traffic Control Specialists

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Project:	Partial Lane Shift
Location:	406 Roosevelt Ave.
Client:	JBPA Developments Inc.
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Date:	May 2nd, 2024
MTO OTM #:	Modified TL-9
Scale:	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) (Metric/Imperial)

Label	Description	Normal Posted Regulatory Speed Limit ¹				
		50 km/h or lower	60 km/h	70 km/h	80 km/h	90 km/h
TCP	Taper Length for TCP (m)	15	20	25	30	30
A ¹	Taper Length for Full Lane Closure (m)	40	85	105	180	200
B ¹	Shoulder/Taper (m) ²	20	30	55	60	70
C ¹	Longitudinal Buffer Area (LBA) (m) ³	(30)	(40)	50	60	75
D	Maximum Distance between Markers (m) ³	6	9	9	12	12
E ¹	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
F ¹	Minimum Tangent between Tapers (m)	40	85	105	180	200
F ²	Distance between Construction Signs (m) ⁴	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)	(35)	(40)	50	60	65
M ¹	Sign 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

- 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