

Manifest - Current Scenario

- 12 x Barrel
- 2 x TC-2B TC-2B
- 1 x TC-17 (NS) TC-17
- 1 x WD-101 construction ahead

Project:	25 Pickering Placel
Location:	
Job Number:	24-TI004
Client:	City of Ottawa
Author:	Ryan Nussey
Date:	January 18/2024
MTO OTM #:	See description below.

- Notes:**
- 1) This plan is to scale when printed on Ledger (11x17 paper).
 - 2) All signs and traffic control devices to be installed as per OTM Book 7 April 2022.
 - 3) Maximum distance between barrels to be 6 meters.
 - 4) All sidewalk closures are to be reopened outside of work hours if possible.
 - 5) All signage to be bilingual.
 - 6) Pedestrians are to be temporarily diverted around the construction zone in areas without adjacent sidewalks

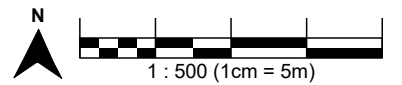


Table B Work Zone Component Dimensions: Long Duration Work (Non-freeways)

Dimension	Normal Posted Regulatory Speed Limit**			
	50 km/h or lower	60 km/h	70 km/h	80 km/h
1a) Taper length for full lane closure (m)	15 - 25	40 - 60	60 - 80	100 - 120
1b) Taper length for roadside work (m)	5 - 8	10 - 15	15 - 20	20 - 25
2) Longitudinal buffer area (LBA) (m)	30	40	50	60
3) Maximum distance between markers (m)	6 - 8	8 - 10	8 - 10	10 - 12
4) Minimum number of markers for taper	at least 5 markers	at least 7 markers	at least 9 markers	at least 13 markers
5) Minimum tangent between tapers (m)	95	100	120	140
6) Distance between construction signs (m)	40 - 50	80 - 100	110 - 120	130 - 145

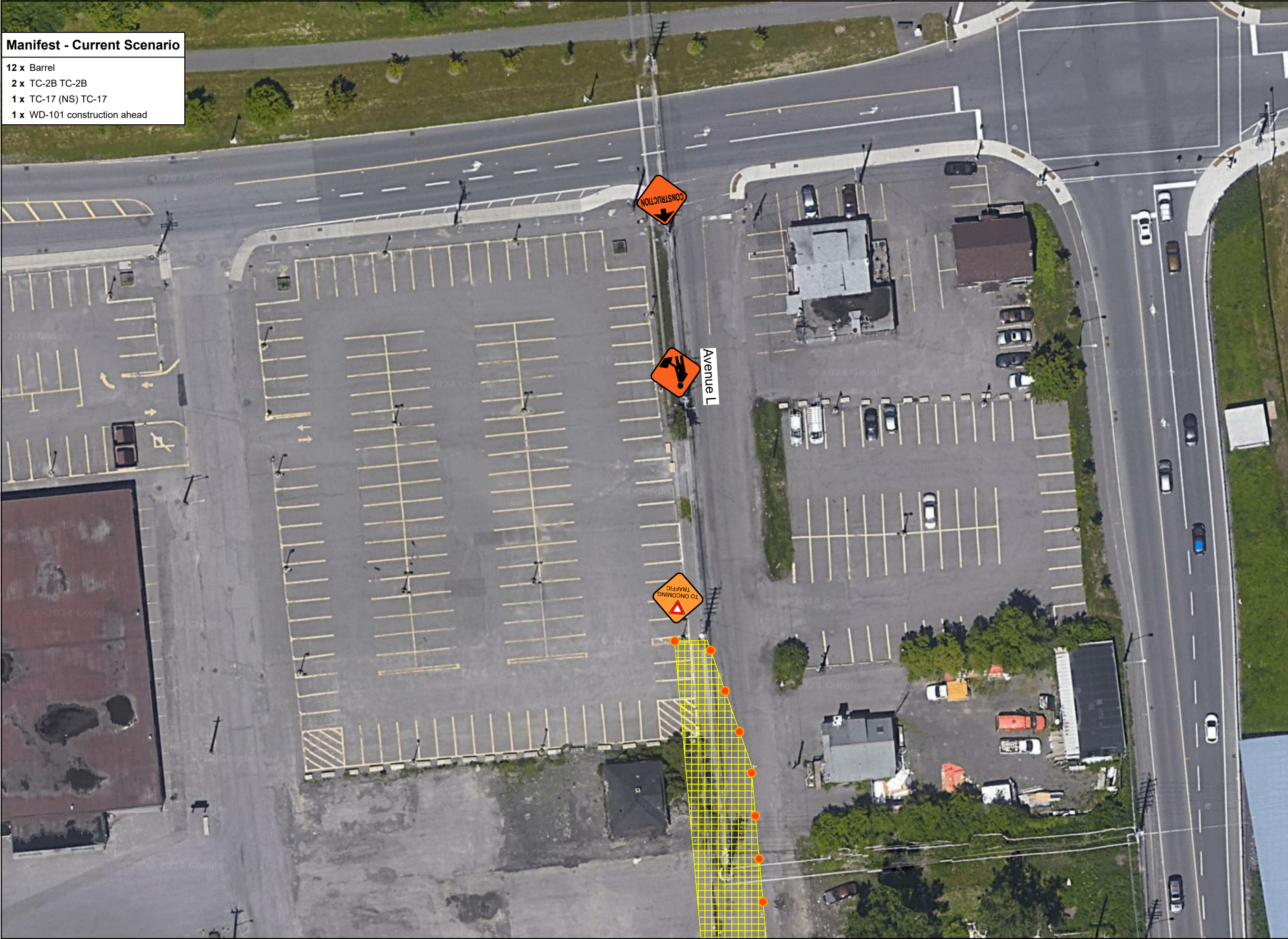
This drawing was created by R.W. Tomlinson Limited. The installer is responsible for confirming all measurements between signs & channeling devices with Book 7 before implementation. Modifications to this drawing by anyone other than R.W. Tomlinson are not permitted.

Legend

- Barrel
- Safety Zone

REV	DATE	INITIAL	DESCRIPTION

Base stagePrint region 1



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- 1 x WD-101 construction ahead

Project:	25 Pickering Placel
Location:	
Job Number:	24-T1004
Client:	City of Ottawa
Author:	Ryan Nussey
Date:	January 18/2024
MTO OTM #:	See description below.

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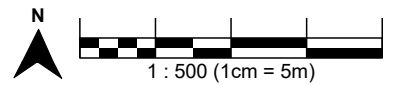


Table B Work Zone Component Dimensions: Long Duration Work (Non-freeways)

Dimension	Normal Posted Regulatory Speed Limit**				
	50 km/h or lower	60 km/h	70 km/h	80 km/h	90 km/h
1a) Taper length for full lane closure (m)	15 - 25 15 - 25 50	40 - 60	60 - 80	100 - 120	140 - 160
1b) Taper length for roadside work (m)	10 - 15 10 - 15 10	15 - 20	20 - 25	30 - 40	
2) Longitudinal buffer area (LBA) (m)	300	140	50	60	75
3) Maximum distance between markers (m)	6 - 8	8 - 10	8 - 10	10 - 12	12 - 14
3) 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
4) Minimum tangent between tapers (m)	95	100	120	140	160
5) Distance between construction signs (m)	40 - 50	80 - 100	110 - 120	130 - 140	150

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Legend

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REV	DATE	INITIAL	DESCRIPTION

Base stagePrint region 2



Manifest - Current Scenario

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- 1 x TC-17 (NS) TC-17
- 1 x WD-101 construction ahead

Project:	25 Pickering Placel
Location:	
Job Number:	24-TI004
Client:	City of Ottawa
Author:	Ryan Nussey
Date:	January 18/2024
MTO OTM #:	See description below.

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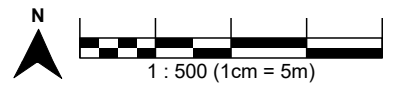


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2) Longitudinal buffer area (LBA) (m)	30	40	50	60
3) Maximum distance between markers (m)	6 - 8	8 - 10	8 - 10	10 - 12
4) Minimum number of markers for taper	at least 5 markers	at least 7 markers	at least 9 markers	at least 13 markers
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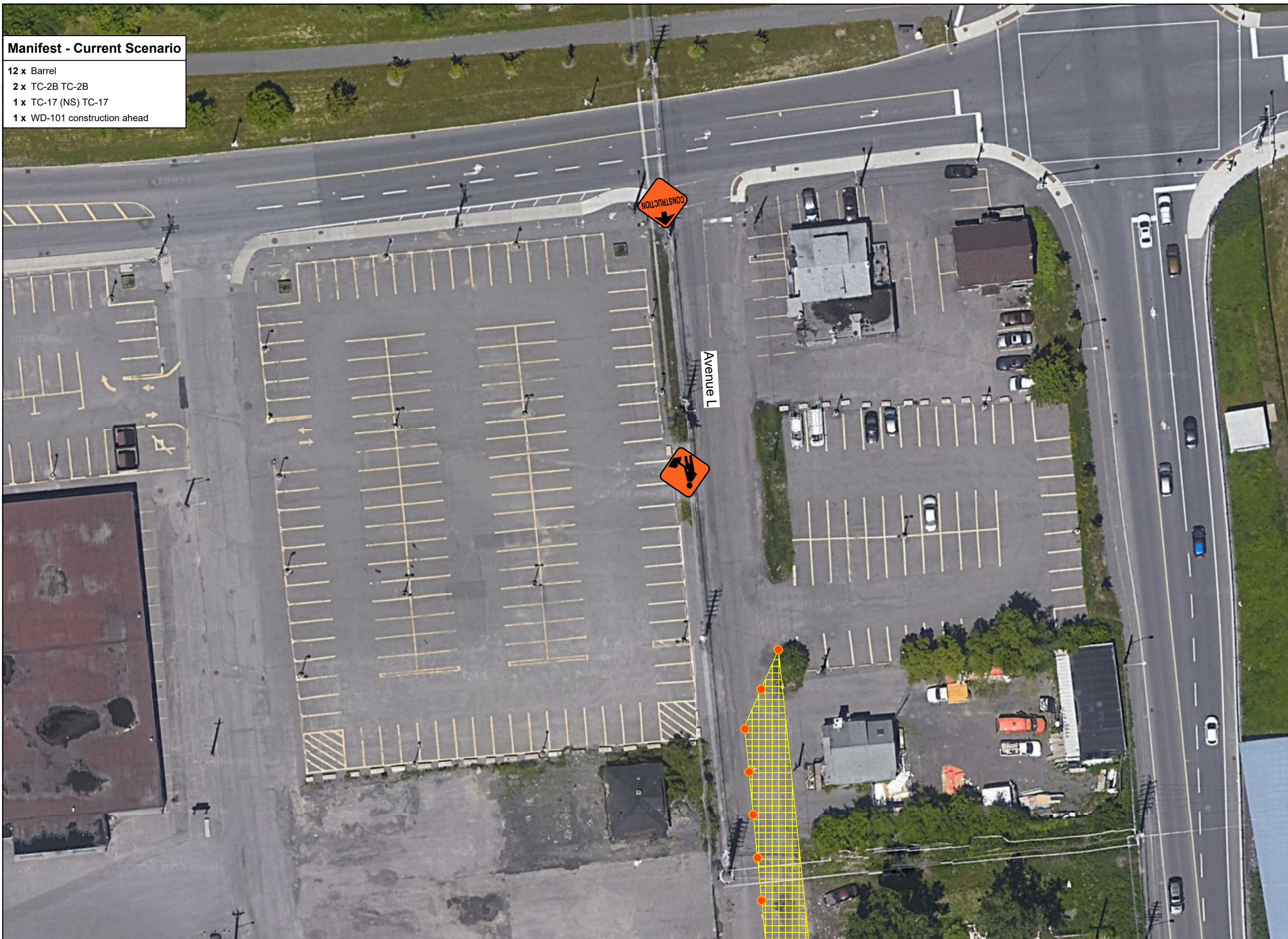
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100 Citigate Drive, Ottawa ON, K2J 6K7
Phone: (613) 822-1867
Fax: (613) 822-6844

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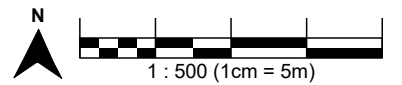


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1b) Taper length for roadside work (m)	10 - 15 10 - 15 10	15 - 20	20 - 25	30 - 40	
2) Longitudinal buffer area (LBA) (m)	300	140	50	60	75
3) Maximum distance between markers (m)	6 - 8	8 - 10	8 - 10	10 - 12	12 - 14
Minimum number of markers for taper	at least 5 markers	at least 7 markers	at least 9 markers	at least 11 markers	at least 13 markers
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