Site layout distances

			All TNZ COPTTM levels		To be as designated in TNZ COPTTM Level 1 shown in table			
Posted speed limit, or RCA designated Operating Speed			50 km/h	60 km/h	70 km/h	80 km/h	90 km/h	100 km/h
Traffic Signs								
A	Sign Visibility Distance (m)		50	60	70	80	90	100
B	Warning Distance (m)		30/50*	80	105	120	135	150
C	Sign Spacing (m)		15/25*	40	50	60	70	75
Safety Zones								
D	Longitudinal (m)		5/10*	15	30	45	55	60
E	Lateral (m)		1	1	1	1	1	1
Lane Widths		30 km/h						
F	Minimum Lane Width (m)	2.75	3.0	3.0	3.25	3.25	3.5	3.5
Tapers								
G	# Taper Length (m)		30	50	70	80	90	100
K	Distance between Tapers (m)		40	50	70	80	90	100
Delineation Devices								
Cone Spacing in Taper (m)			2.5	2.5	5	5	5	5
Cone Spacing : Working Space (m)			5	5	10	10	10	10

* Larger minimum distances apply on roads where there is more than one lane each way.

\# Taper length is based on a single lane shift of 3.5 metres. It may be reduced to 10 metres in 50km/h roads where accesses, intersections etc need to be accommodated.

Where an MTC (Stop / Go situation) applies, the taper length may be reduced to 30 metres.

Work Carried Out from Angle/Parallel Carparks
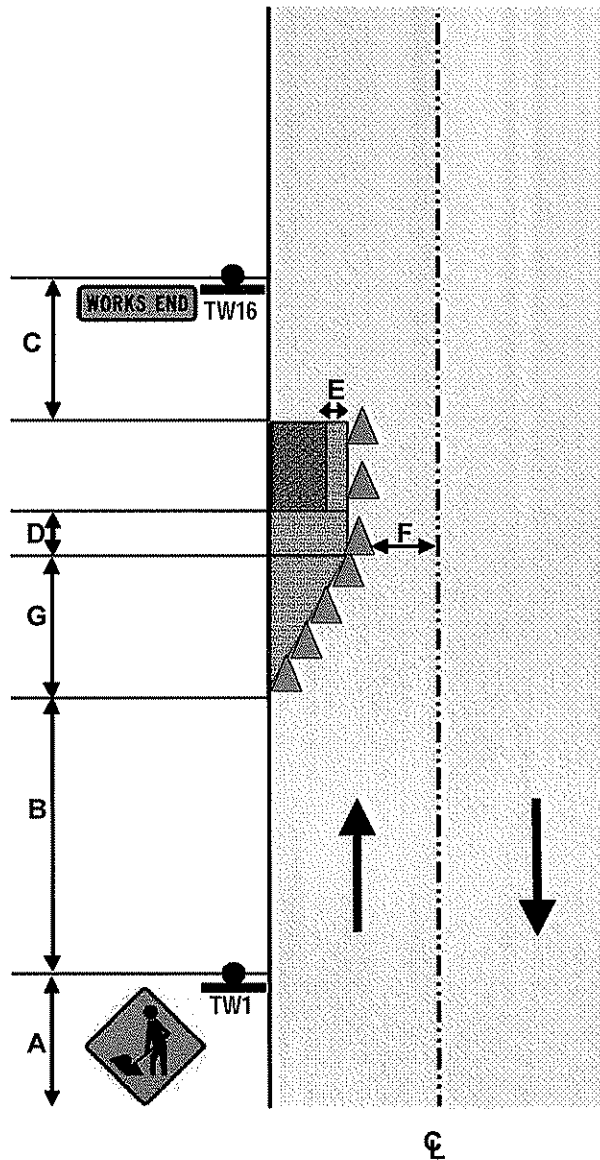*Allowing a Minimum lane Width of 3m*

ONE LANE EACH WAY ROAD
Traffic not crossing road centre
No speed signs

30

Notes:

Minimum width of lane (F)=3m

WORKS END · TW16

C

E

D

F

G

B

TW1

A

C̶L

Legend:
Working Space
Safety Zones

NOT TO SCALE

STATIC OPERATIONS
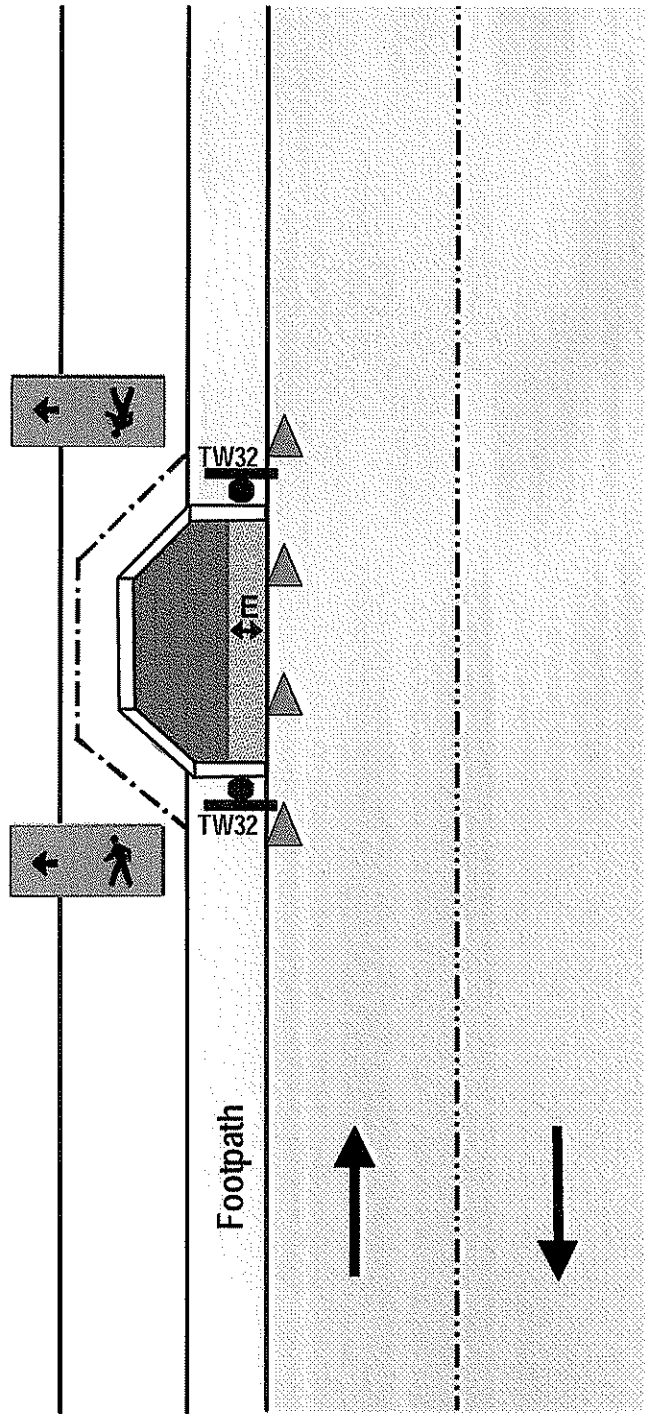
FOOTPATH
Footpath diverted onto berm

1

Notes:

1. Use pedestrian fence beside working space and suitable delineation on other side
2. Minimum pedestrian foot way widths:
   - Residential/Rural – 0.9m
   - Suburban Centre – 1.2m
   - Central Business District – 2.0m

   Where the working space is quite long these widths may have to be increased so pedestrians can pass easily

   Increase the width or make other adjustments immediately if pedestrians are observed walking on the adjoining carriageway
3. Use another TMD as well where work site/safety zone encroaches onto live lane

TW32

TW32

E

Footpath

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Legend:
Working Space
Safety Zones
Pedestrian Fence

NOT TO SCALE