

# SECTION F1 LEVEL 2 ROADS SIGNS AND LAYOUT DIAGRAMS

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Perr	nanent Speed Limit	≤ 50 km/h	60 km/h	7 km		80 km/h	100 km/h		
		m	m	n	n	m	m		
	Traffi	ic Signs							
A	Sign Visibility Distance	60	70	8	0	100	120		
C	Sign Spacing *	50	60	7	0	80	100		
Safety Zones									
D	Longitudinal *	15	20	3	0	45	60		
E	Lateral								
	1. Behind Cones etc	1	1	1	1	1	1		
	2. Behind Concrete Barrier	0.5	0.5	0.	.5	0.5	0.5		
	3. Behind Other Barriers	As	recomme	nded	by manufacturers				
	Ta	pers							
Н	Initial Taper Length Per Lane***	90	100	12	20	150	180		
Ι	Subsequent Taper Length Per Lane **	50	60	7	0	80	100		
K	Minimum Distance between Tapers	50	60	7	0	80	100		
	Delineati	on Device	es						
	ALL Tapers	2.5	2.5	2.	.5	2.5	2.5		
guj	Approaches, between Tapers and around the Working Space	5	5	1	0	10	10		
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	2.5m for 10m either side of a change in alignment alignmer							

Table C2.3: Layout Distances for Level 2 Traffic Management

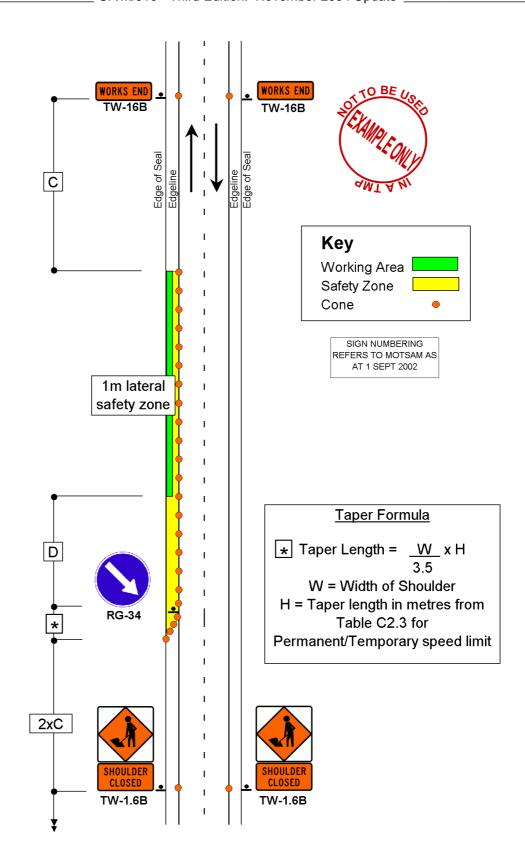
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m

### **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.1: TWO-WAY TWO-LANE LEVEL 2 ROAD Shoulder Closure - No Temporary Speed Limit

**NOTE:** Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be (2xC).



Peri	manent Speed Limit	≤ 50 km/h	60 km/h	7 km	_	80 km/h	100 km/h
		m	m	n	1	m	m
	Traffi	ic Signs					
A	Sign Visibility Distance	60	70	8	0	100	120
C	Sign Spacing *	50	60	7	0	80	100
	Safety	Zones					
D	Longitudinal *	15	20	3	0	45	60
$\mathbf{E}$	Lateral						
	1. Behind Cones etc	1	1	1		1	1
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5
	3. Behind Other Barriers	As	recomme	nded	by n	nanufactui	ers
	Ta	pers					
H	Initial Taper Length Per Lane***	90	100	12	20	150	180
Ι	Subsequent Taper Length Per Lane **	50	60	7	0	80	100
K	Minimum Distance between Tapers	50	60	7	0	80	100
	Delineati	on Device	es				
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5
ing	Approaches, between Tapers and around the Working Space	5	5	1	0	10	10
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	2.5m for side of ali		20m either a change in anment			

Table C2.3: Layout Distances for Level 2 Traffic Management

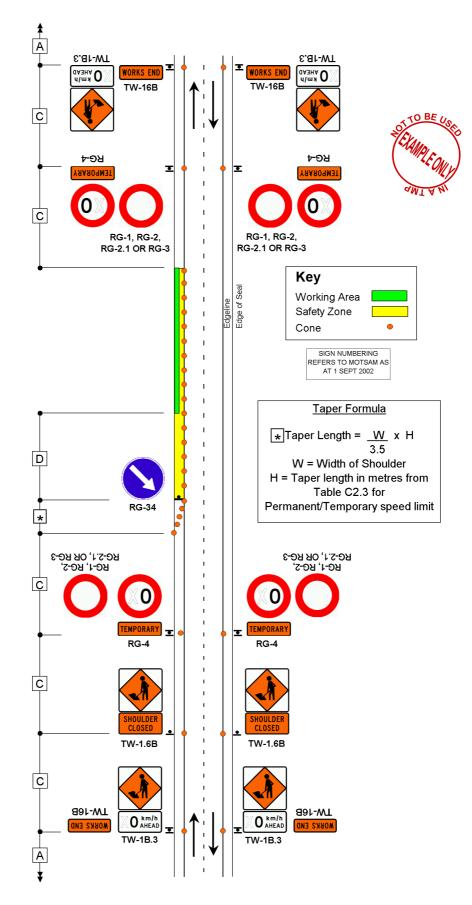
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

#### **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.2: TWO-WAY TWO-LANE LEVEL 2 ROAD Shoulder Closure - Temporary Speed Limit



Perr	manent Speed Limit	≤ 50 km/h	60 km/h	70 km		80 km/h	100 km/h		
		m	m	n	1	m	m		
	Traffi	ic Signs							
A	Sign Visibility Distance	60	70	80	)	100	120		
C	Sign Spacing *	50	60	70	)	80	100		
Safety Zones									
D	Longitudinal *	15	20	30	)	45	60		
E	Lateral								
	1. Behind Cones etc	1	1	1		1	1		
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5		
	3. Behind Other Barriers	As	recomme	nded	by manufacturers				
	Ta	pers							
Н	Initial Taper Length Per Lane***	90	100	12	.0	150	180		
Ι	Subsequent Taper Length Per Lane **	50	60	70	)	80	100		
K	Minimum Distance between Tapers	50	60	70	)	80	100		
	Delineati	on Device	es						
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5		
ing	Approaches, between Tapers and around the Working Space	5	5	10	)	10	10		
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	2.5m for 10m either side of a change in alignment alignm						

Table C2.3: Layout Distances for Level 2 Traffic Management

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

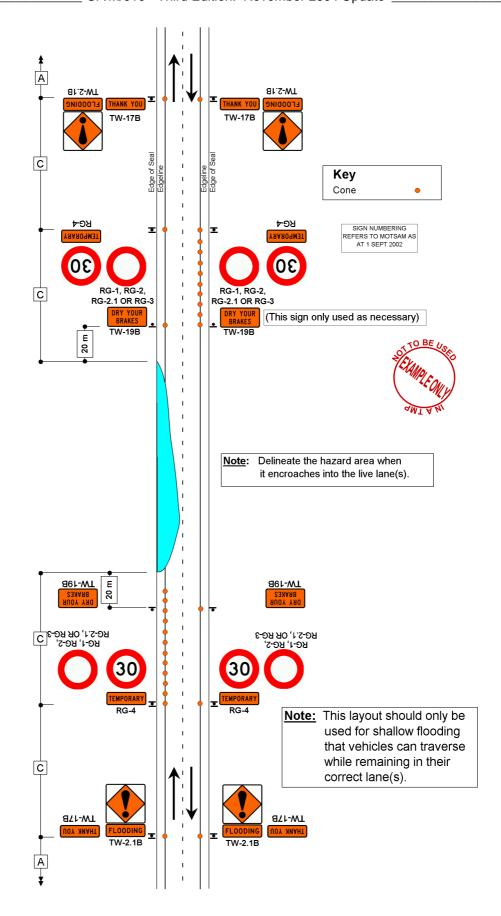
#### **Minimum Lane Widths**

F1 - 4

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.3: TWO-WAY TWO-LANE LEVEL 2 ROAD Other Hazard – Flooding



Perr	manent Speed Limit	≤ 50 km/h	60 km/h	70 km		80 km/h	100 km/h		
		m	m	n	1	m	m		
	Traffi	ic Signs							
A	Sign Visibility Distance	60	70	80	)	100	120		
C	Sign Spacing *	50	60	70	)	80	100		
Safety Zones									
D	Longitudinal *	15	20	30	)	45	60		
E	Lateral								
	1. Behind Cones etc	1	1	1		1	1		
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5		
	3. Behind Other Barriers	As	recomme	nded	by manufacturers				
	Ta	pers							
Н	Initial Taper Length Per Lane***	90	100	12	.0	150	180		
Ι	Subsequent Taper Length Per Lane **	50	60	70	)	80	100		
K	Minimum Distance between Tapers	50	60	70	)	80	100		
	Delineati	on Device	es						
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5		
ing	Approaches, between Tapers and around the Working Space	5	5	10	)	10	10		
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	2.5m for 10m either side of a change in alignment alignm						

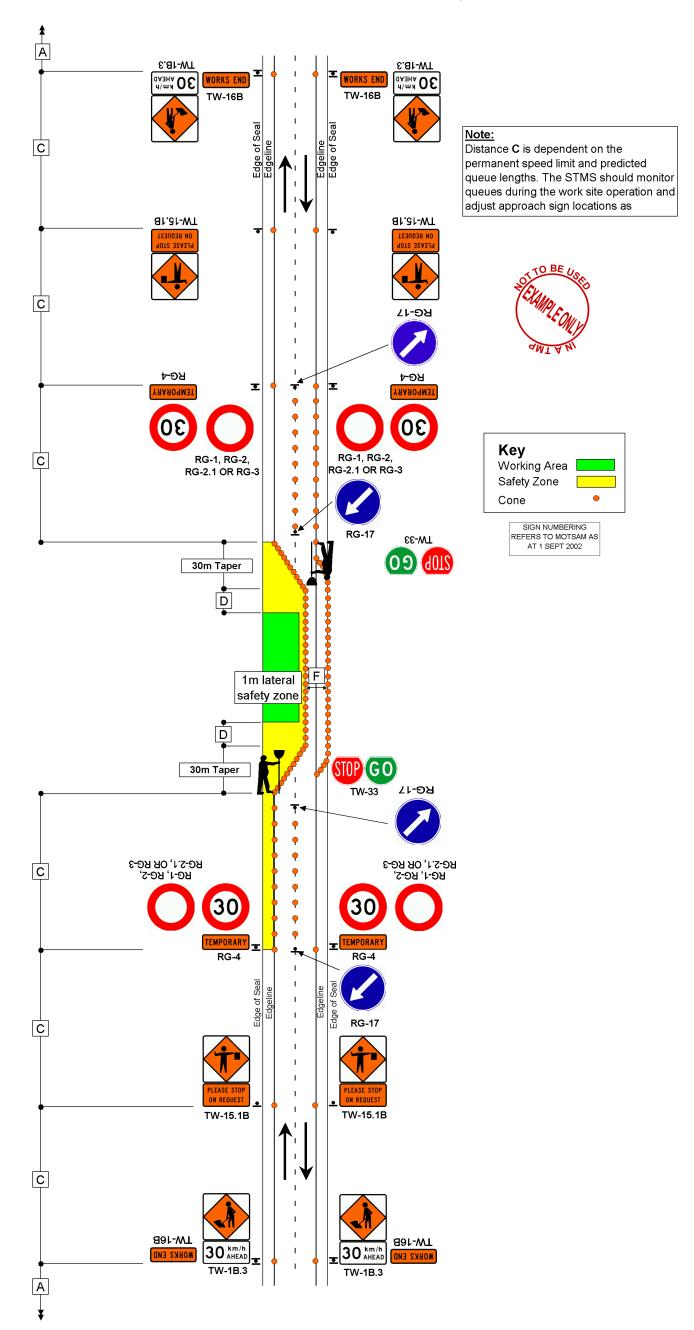
Table C2.3: Layout Distances for Level 2 Traffic Management

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

#### **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 



F1.4: TWO-WAY TWO-LANE LEVEL 2 ROAD One Lane Closure - Manual Traffic Controllers







Perr	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km	-	80 km/h	100 km/h			
		m	m	n	1	m	m			
	Traff	ic Signs								
A	Sign Visibility Distance	60	70	8	0	100	120			
C	Sign Spacing *	50	60	7	0	80	100			
	Safety	y Zones								
D	Longitudinal *	15	20	3	0	45	60			
E	Lateral									
	1. Behind Cones etc	1	1	1	-	1	1			
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5			
	3. Behind Other Barriers	As	recomme	nded	ded by manufacturers					
	Ta	pers								
Н	Initial Taper Length Per Lane***	90	100	12	20	150	180			
I	Subsequent Taper Length Per Lane **	50	60	7	0	80	100			
K	Minimum Distance between Tapers	50	60	7	0	80	100			
	Delineati	on Device	es							
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5			
gu	Approaches, between Tapers and around the Working Space	5	5	10	0	10	10			
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eitl a change gnment	2.5m for 20m either side of a change in alignment						

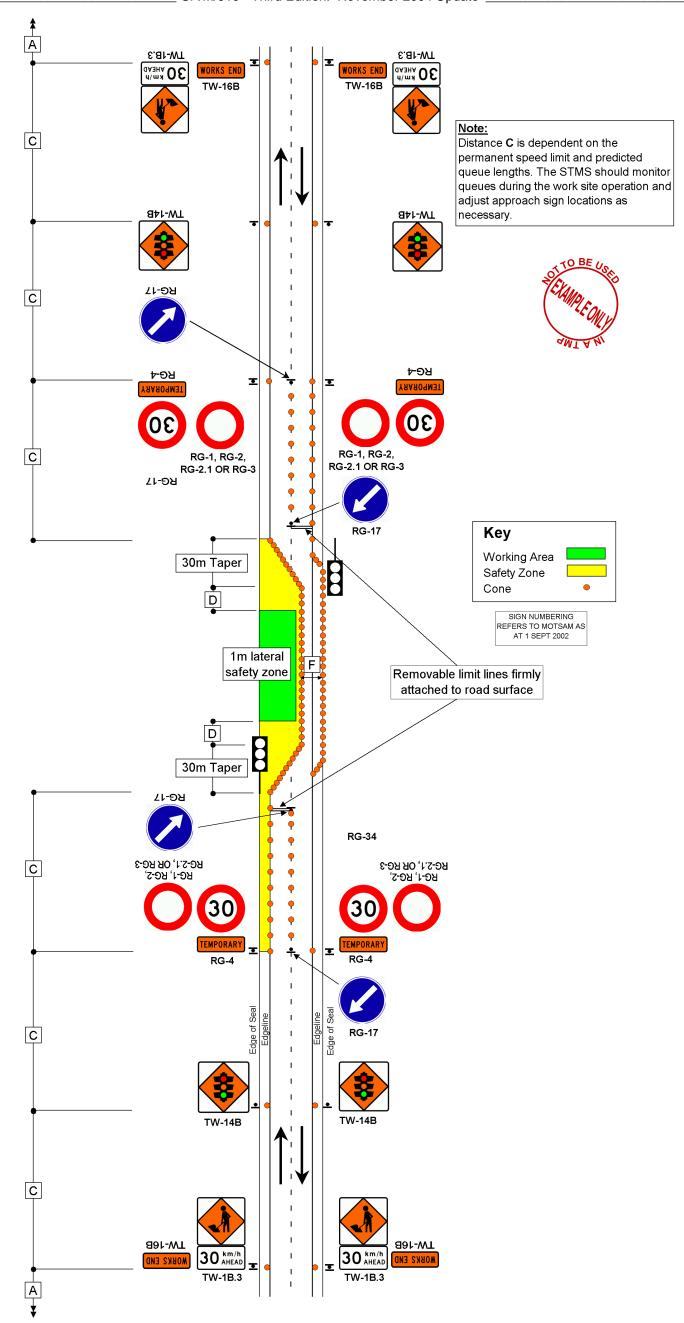
**Table C2.3: Layout Distances for Level 2 Traffic Management** 

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

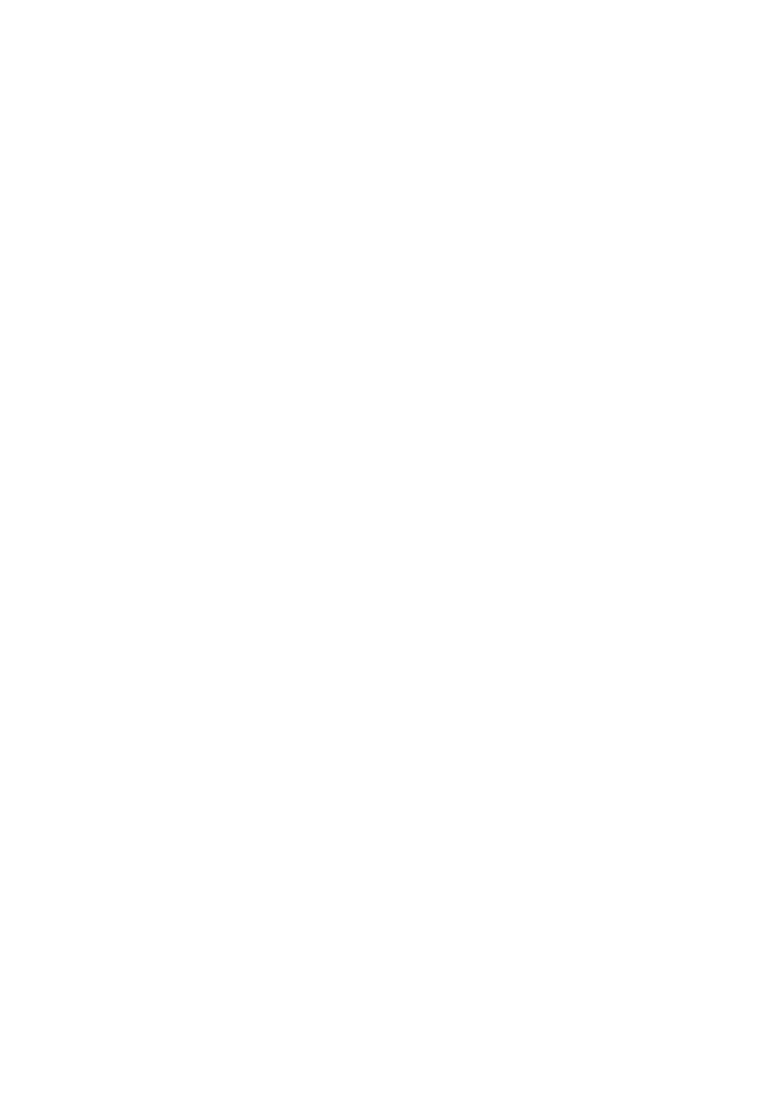
## **Minimum Lane Widths**

Per	manent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 



F1.5: TWO-WAY TWO-LANE LEVEL 2 ROAD One Lane Closure - Portable Traffic Signals







Perr	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km	_	80 km/h	100 km/h
		m	m	n	1	m	m
	Traffi	ic Signs					
A	Sign Visibility Distance	60	70	80	0	100	120
C	Sign Spacing *	50	60	70	0	80	100
	Safety	y <b>Zones</b>					
D	Longitudinal *	15	20	30	0	45	60
E	Lateral						
	1. Behind Cones etc	1	1	1		1	1
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5
	3. Behind Other Barriers	As	recomme	nded	by n	nanufactur	rers
	Ta	pers					
Н	Initial Taper Length Per Lane***	90	100	12	0.	150	180
I	Subsequent Taper Length Per Lane **	50	60	70	0	80	100
K	Minimum Distance between Tapers	50	60	70	0	80	100
	Delineati	on Device	es				
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5
gu	Approaches, between Tapers and around the Working Space	5	5	10	0	10	10
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment	2.5m for 20m eithe side of a change in alignment			

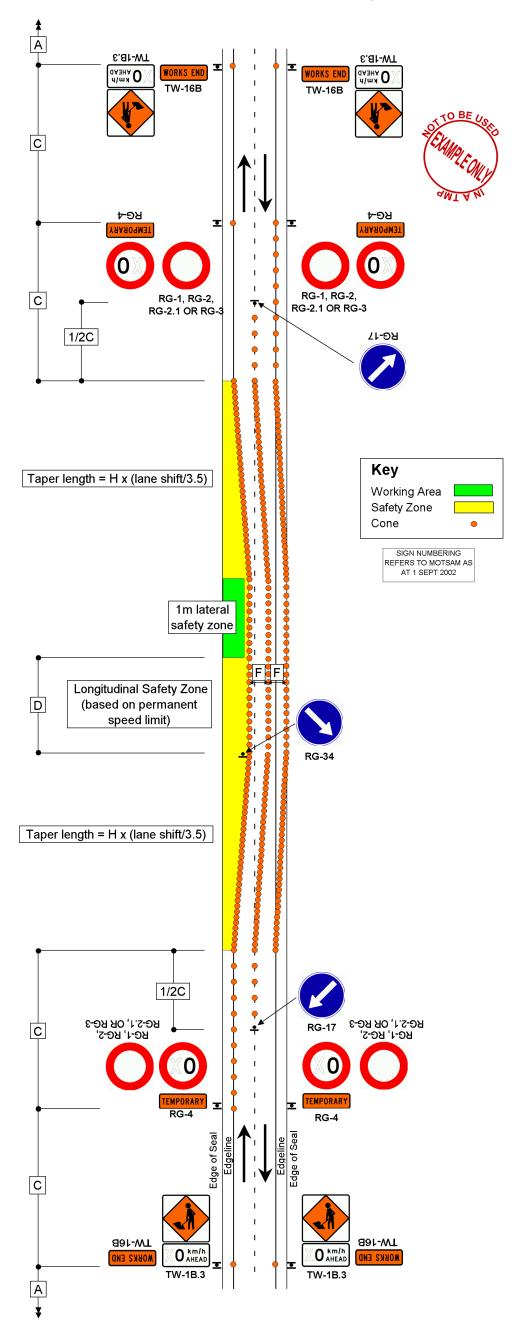
**Table C2.3: Layout Distances for Level 2 Traffic Management** 

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Per	manent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 



F1.6: TWO-WAY TWO-LANE LEVEL 2 ROAD One Lane Closure -Temporary Two Lane Diversion







Perr	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km/l	80 h km/h	100 km/h	
		m	m	m	m	m	
	Traffi	ic Signs					
A	Sign Visibility Distance	60	70	80	100	120	
C	Sign Spacing *	50	60	70	80	100	
	Safety	Zones					
D	Longitudinal *	15	20	30	45	60	
E	Lateral						
	1. Behind Cones etc	1	1	1	1	1	
	2. Behind Concrete Barrier	0.5	0.5	0.5	0.5	0.5	
	3. Behind Other Barriers	As	As recommended by manufact				
	Ta	pers					
Н	Initial Taper Length Per Lane***	90	100	120	150	180	
I	Subsequent Taper Length Per Lane **	50	60	70	80	100	
K	Minimum Distance between Tapers	50	60	70	80	100	
	Delineati	on Device	es				
	ALL Tapers	2.5	2.5	2.5	2.5	2.5	
guj	Approaches, between Tapers and around the Working Space	5	5	10	10	10	
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eitl a change gnment		2.5m for 200 side of a chalignment	ange in	

**Table C2.3: Layout Distances for Level 2 Traffic Management** 

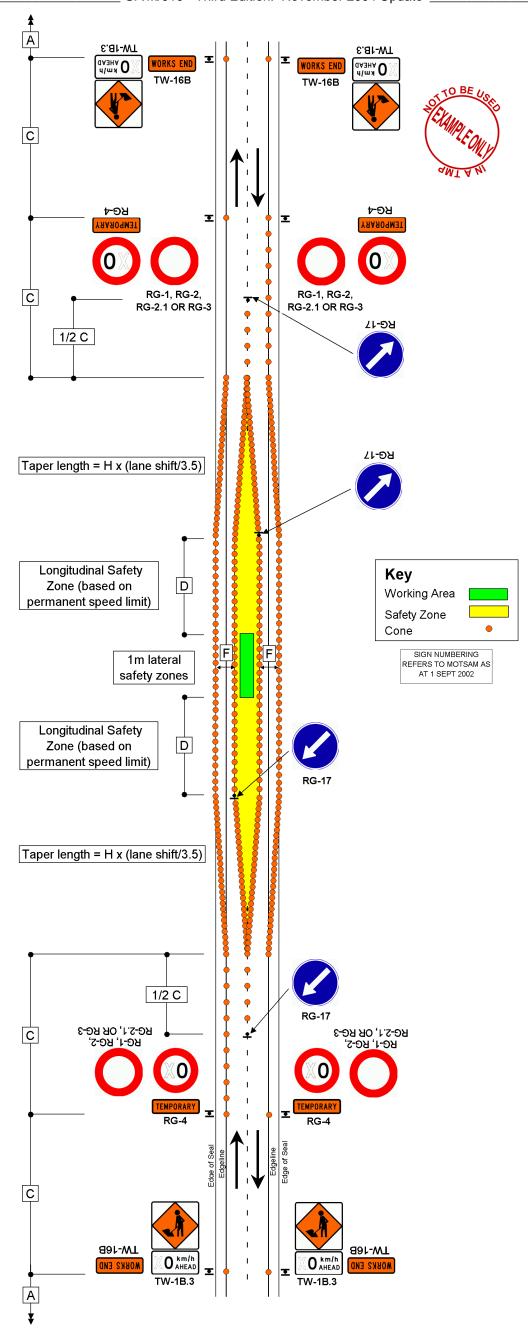
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Perr	nanent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.7: TWO-WAY TWO-LANE LEVEL 2 ROAD Work Site in Centre of Road







Pern	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km	_	80 km/h	100 km/h		
		m	m	n	1	m	m		
	Traffi	ic Signs							
A	Sign Visibility Distance	60	70	80	0	100	120		
C	Sign Spacing *	50	60	70	0	80	100		
	Safety	Zones							
D	Longitudinal *	15	20	30	0	45	60		
E	Lateral								
	1. Behind Cones etc	1	1	1		1	1		
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5		
	3. Behind Other Barriers	As	recomme	nded	d by manufacturers				
	Ta	pers							
H	Initial Taper Length Per Lane***	90	100	12	0.	150	180		
I	Subsequent Taper Length Per Lane **	50	60	70	C	80	100		
K	Minimum Distance between Tapers	50	60	70	0	80	100		
	Delineati	on Device	es						
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5		
gui	Approaches, between Tapers and around the Working Space	5	5	10	0	10	10		
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	2.5m for 10m either 2.5				5m for 20r de of a cha alignme	ange in		

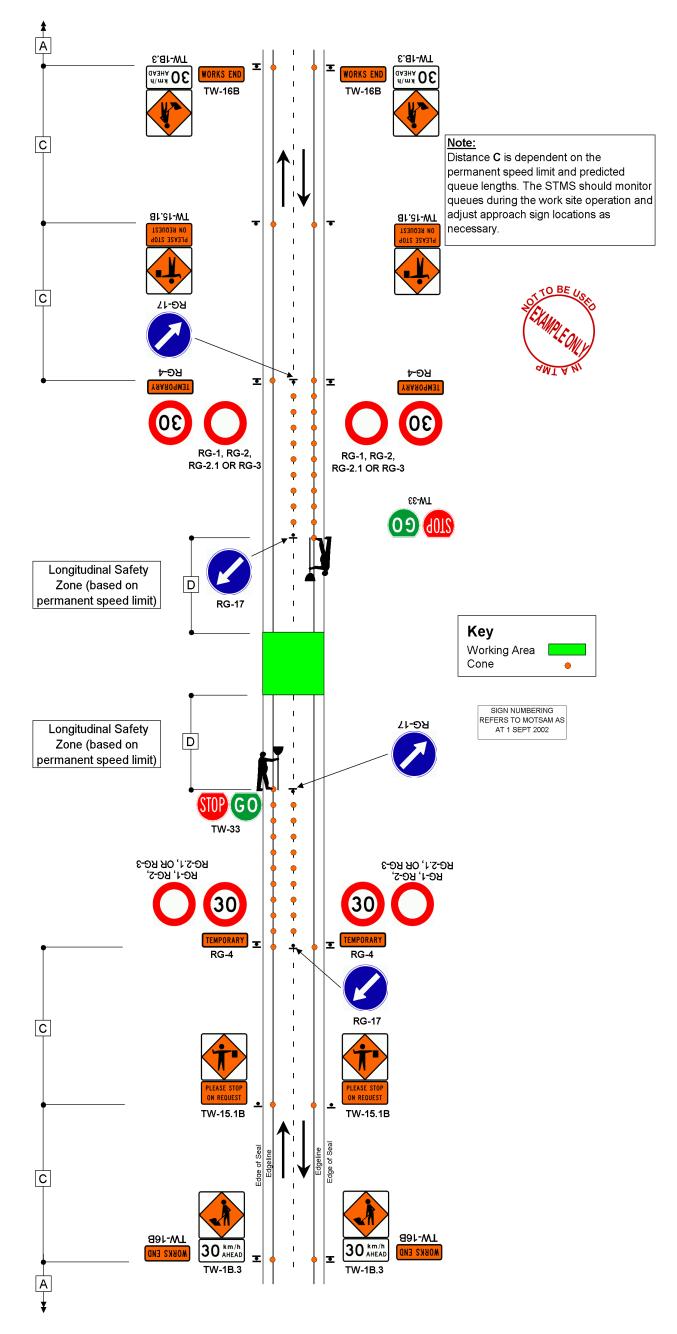
**Table C2.3: Layout Distances for Level 2 Traffic Management** 

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Per	manent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 



F1.8: TWO-WAY TWO-LANE LEVEL 2 ROAD Temporary Road Closure - Less than five (5) minutes at a time







Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h			
		m	m	m	m	m			
	Traffi	ic Signs							
A	Sign Visibility Distance	60	70	80	100	120			
C	Sign Spacing *	50	60	70	80	100			
Safety Zones									
D	Longitudinal *	15	20	30	45	60			
E	Lateral								
	1. Behind Cones etc	1	1	1	1	1			
	2. Behind Concrete Barrier	0.5	0.5	0.5	0.5	0.5			
	3. Behind Other Barriers	As	s recommended by manufacturers						
	Ta	pers							
Н	Initial Taper Length Per Lane***	90	100	120	150	180			
I	Subsequent Taper Length Per Lane **	50	60	70	80	100			
K	Minimum Distance between Tapers	50	60	70	80	100			
	Delineati	on Device	es						
	ALL Tapers	2.5	2.5	2.5	2.5	2.5			
gui	Approaches, between Tapers and around the Working Space	5	5	10	10	10			
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment		2.5m for 20m eit side of a change alignment				

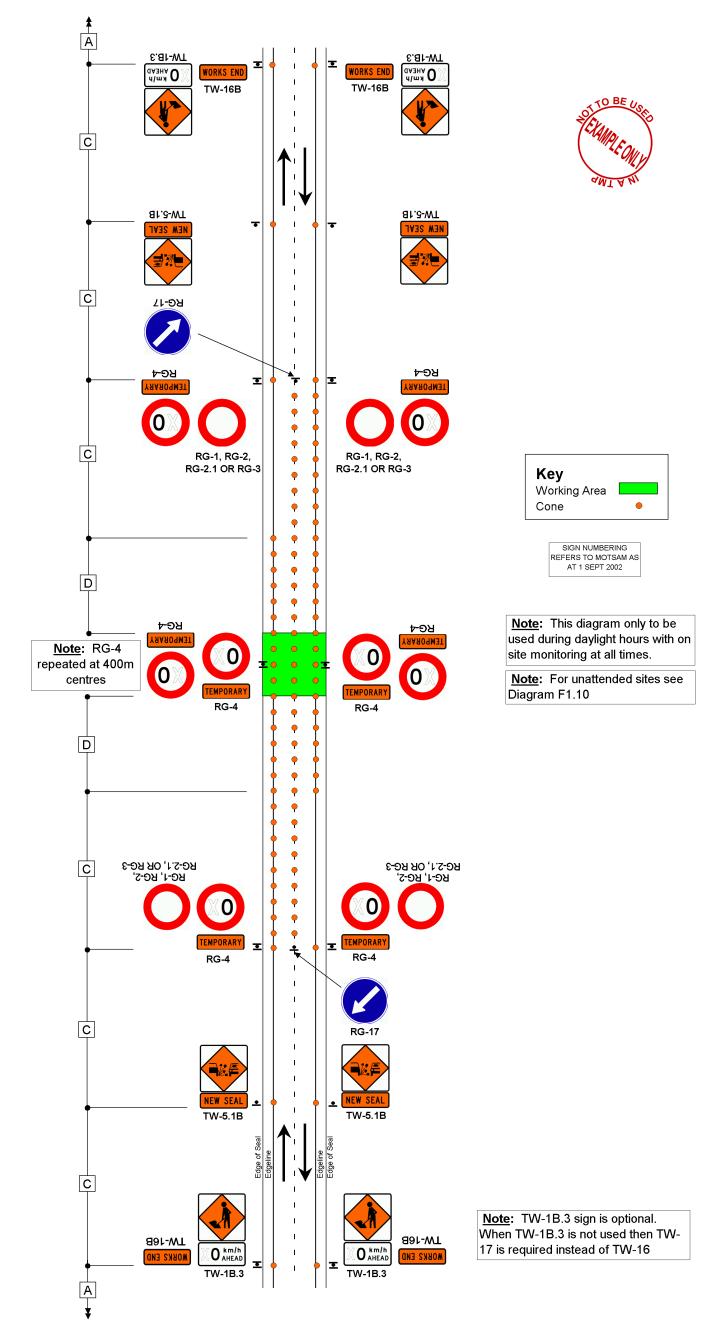
**Table C2.3: Layout Distances for Level 2 Traffic Management** 

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 



F1.9: TWO-WAY TWO-LANE LEVEL 2 ROAD New Chip Seal - Attended Work Site



#### F1 - 18 CODE OF PRACTICE FOR TEMPORARY TRAFFIC MANAGEMENT



SP/M/010 - Third Edition: November 2004 Update \_\_\_\_\_

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/		80 km/h	100 km/h			
		m	m	m		m	m			
	Traffi	ic Signs								
A	Sign Visibility Distance	60	70	80	)	100	120			
C	Sign Spacing *	50	60	70	)	80	100			
Safety Zones										
D	Longitudinal *	15	20	30	)	45	60			
E	Lateral									
	1. Behind Cones etc	1	1	1		1	1			
	2. Behind Concrete Barrier	0.5	0.5	0.5	5	0.5	0.5			
	3. Behind Other Barriers	As	recomme	nded l	oy n	nanufactui	rers			
	Ta	pers								
Н	Initial Taper Length Per Lane***	90	100	120	0	150	180			
I	Subsequent Taper Length Per Lane **	50	60	70	)	80	100			
K	Minimum Distance between Tapers	50	60	70	)	80	100			
	Delineati	on Device	es							
	ALL Tapers	2.5	2.5	2.5	5	2.5	2.5			
guj	Approaches, between Tapers and around the Working Space	5	5	10	)	10	10			
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m either a change in ignment			5m for 20i de of a ch alignmo	ange in			

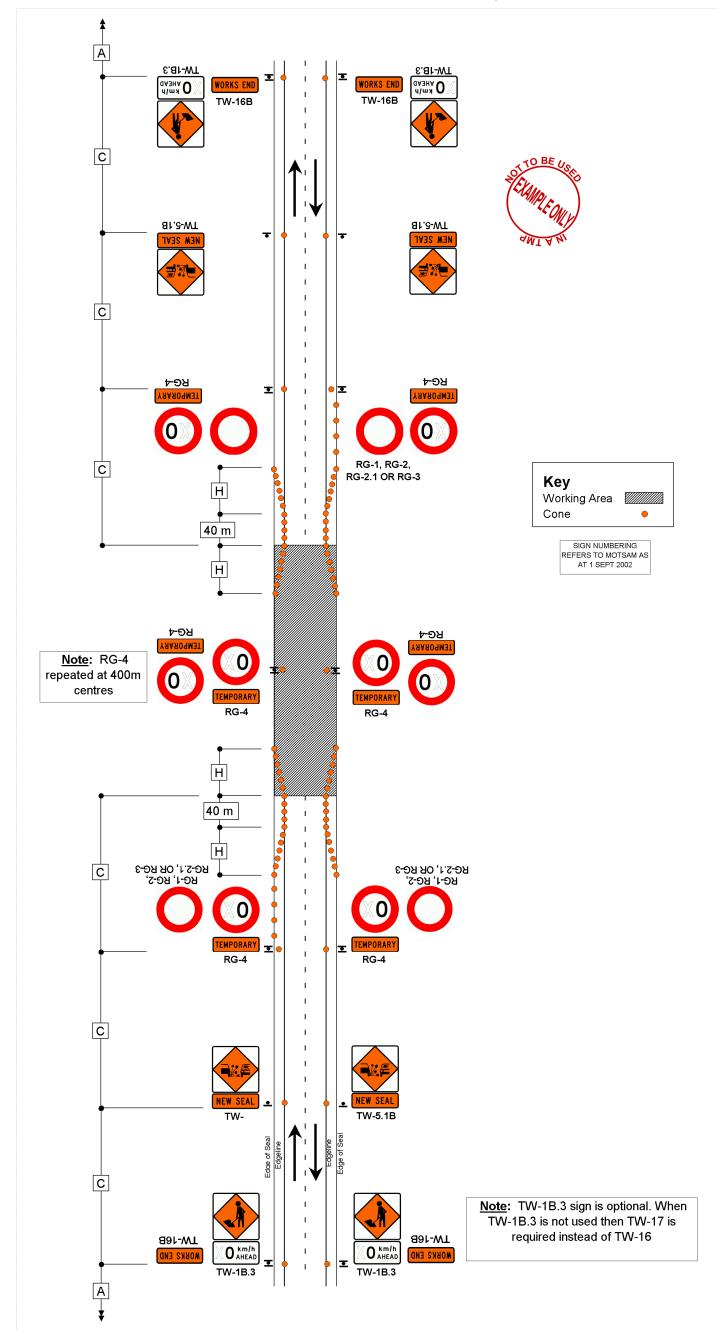
**Table C2.3: Layout Distances for Level 2 Traffic Management** 

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

]	Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
]	F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 



F1.10: TWO-WAY TWO-LANE LEVEL 2 ROAD New Chip Seal - Unattended Work Site





Pern	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km		80 km/h	100 km/h	
		m	m	m	ì	m	m	
	Traffi	ic Signs						
A	Sign Visibility Distance	60	70	80	)	100	120	
C	Sign Spacing *	50	60	70	)	80	100	
	Safety	Zones						
D	Longitudinal *	15	20	30	)	45	60	
E	Lateral							
	1. Behind Cones etc	1	1	1		1	1	
	2. Behind Concrete Barrier	0.5	0.5	0.5	5	0.5	0.5	
	3. Behind Other Barriers	As	recomme	nded by manufacturers				
	Ta	pers						
H	Initial Taper Length Per Lane***	90	100	12	0	150	180	
I	Subsequent Taper Length Per Lane **	50	60	70	)	80	100	
K	Minimum Distance between Tapers	50	60	70	)	80	100	
	Delineati	on Device	es					
	ALL Tapers	2.5	2.5	2.5	5	2.5	2.5	
gu	Approaches, between Tapers and around the Working Space	5	5	10	)	10	10	
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment			om for 20r de of a cha alignme	ange in	

**Table C2.3: Layout Distances for Level 2 Traffic Management** 

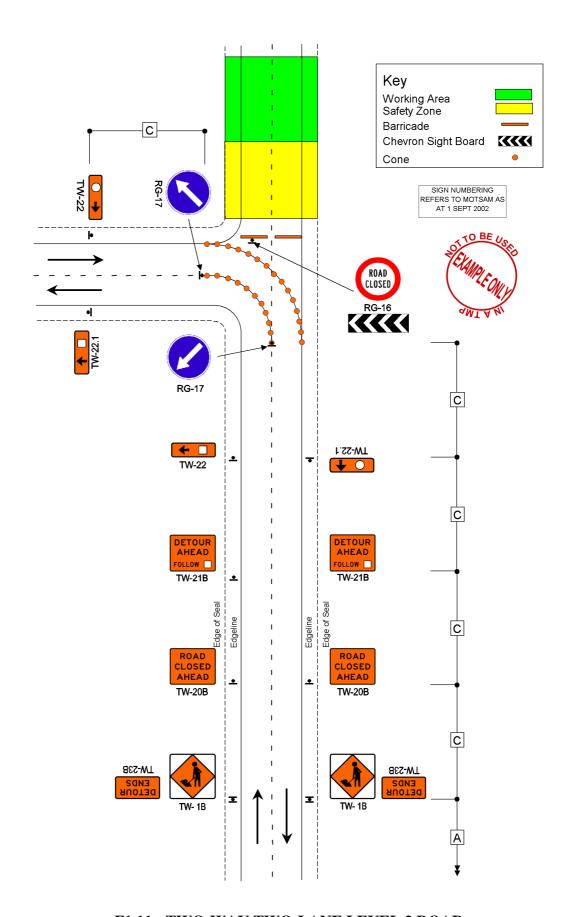
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Perr	nanent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.11: TWO-WAY TWO-LANE LEVEL 2 ROAD Road Closure - With Detour







Perr	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h					
		m	m	m	m	m					
	Traffi	ic Signs									
A	Sign Visibility Distance	60	70	80	100	120					
C	Sign Spacing *	50	60	70	80	100					
	Safety Zones										
D	Longitudinal *	15	20	30	45	60					
$\mathbf{E}$	Lateral										
	1. Behind Cones etc	1	1	1	1	1					
	2. Behind Concrete Barrier	0.5	0.5	0.5	0.5	0.5					
	3. Behind Other Barriers	As recommended by manufacturers									
	Ta	pers									
Н	Initial Taper Length Per Lane***	90	100	120	150	180					
Ι	Subsequent Taper Length Per Lane **	50	60	70	80	100					
K	Minimum Distance between Tapers	50	60	70	80	100					
	Delineati	on Device	es								
	ALL Tapers	2.5	2.5	2.5	2.5	2.5					
guj	Approaches, between Tapers and around the Working Space	5	5	10	10	10					
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment		2.5m for 20r side of a cha alignme	change in					

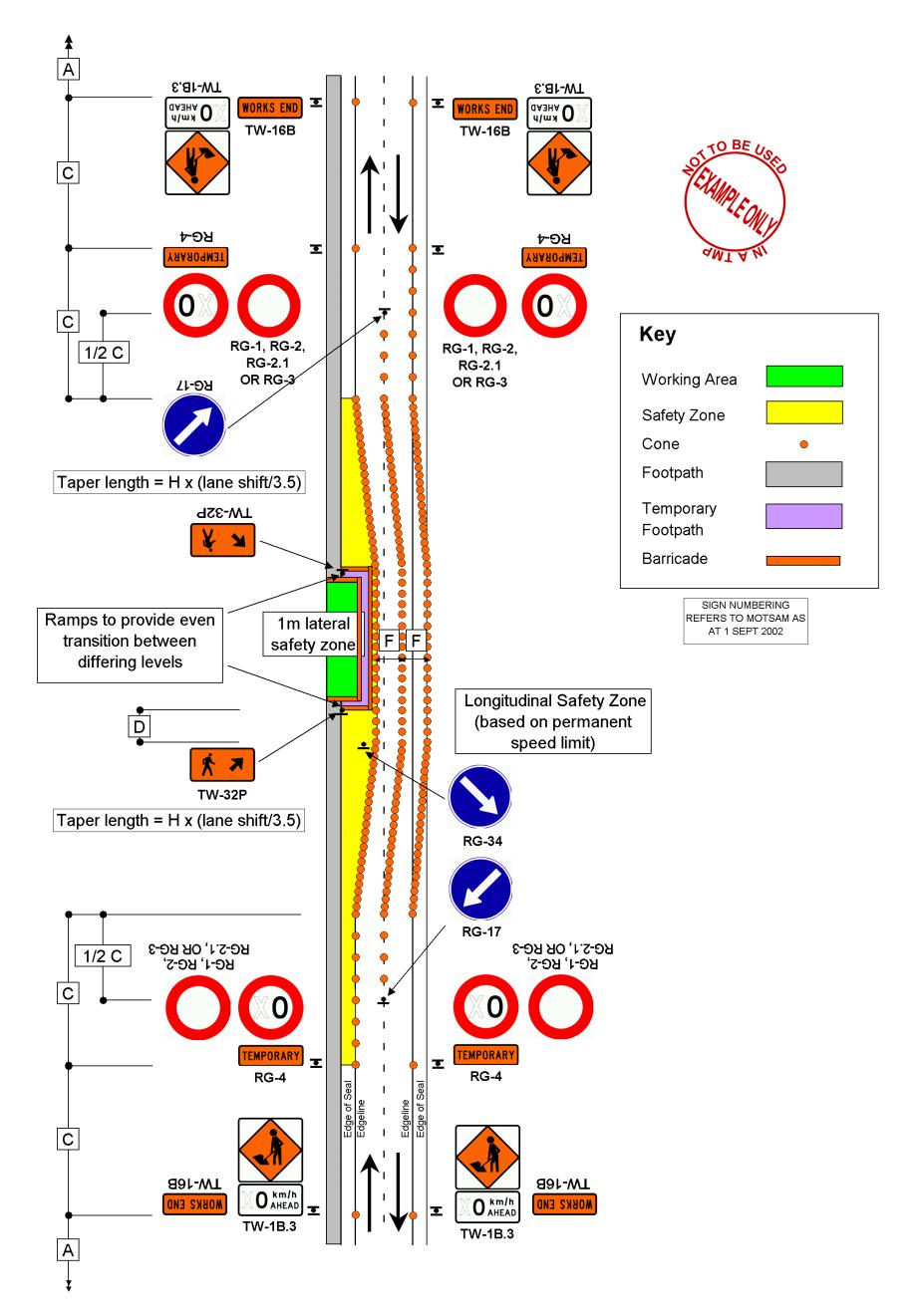
**Table C2.3: Layout Distances for Level 2 Traffic Management** 

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Per	nanent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 



F1.12: TWO-WAY TWO-LANE LEVEL 2 ROAD Footpath Closure - Temporary Footpath Provided







Pern	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km/		80 km/h	100 km/h					
		m	m	m		m	m					
	Traffi	ic Signs										
A	Sign Visibility Distance	60	70	80		100	120					
C	Sign Spacing *	50	60	70		80	100					
	Safety Zones											
D	Longitudinal *	15	20	30		45	60					
E	Lateral											
	1. Behind Cones etc	1	1	1		1	1					
	2. Behind Concrete Barrier	0.5	0.5	0.5	5	0.5	0.5					
	3. Behind Other Barriers	As recommended by manufacturers										
	Ta	pers										
H	Initial Taper Length Per Lane***	90	100	120	)	150	180					
Ι	Subsequent Taper Length Per Lane **	50	60	70		80	100					
K	Minimum Distance between Tapers	50	60	70	)	80	100					
	Delineati	on Device	es									
	ALL Tapers	2.5	2.5	2.5	5	2.5	2.5					
gu	Approaches, between Tapers and around the Working Space	5	5	10	l	10	10					
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	2.5m for 10m either side of a change in alignment alignmen					ange in					

**Table C2.3: Layout Distances for Level 2 Traffic Management** 

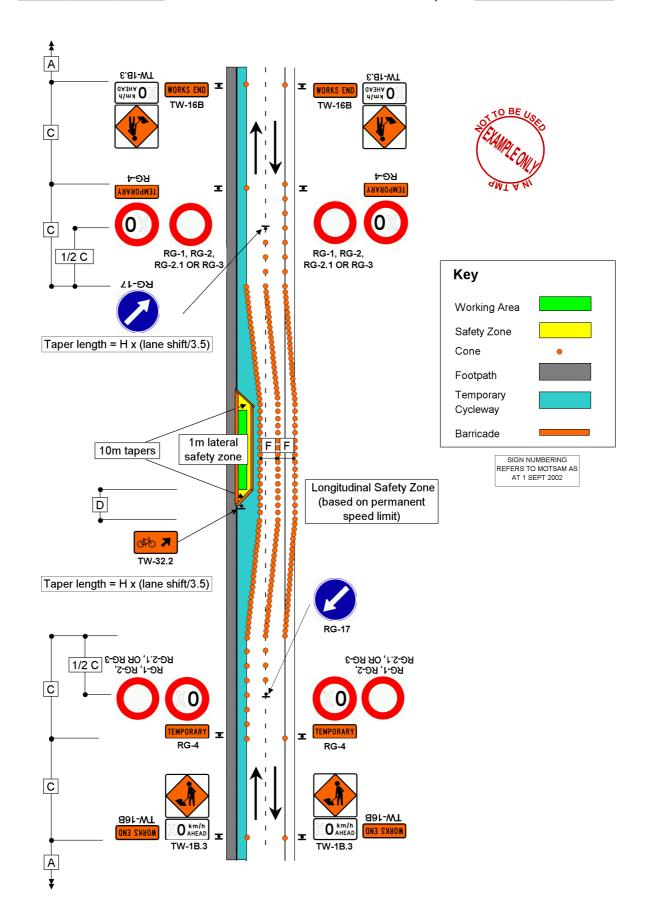
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Perr	nanent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.13: TWO-LANE TWO-WAY LEVEL 2 ROAD Cycle Lane Closure - Temporary Cycle Lane Provided



Perr	manent Speed Limit	≤ 50 km/h	60 km/h	70 km		80 km/h	100 km/h				
		m	m	n	1	m	m				
	Traffi	ic Signs									
A	Sign Visibility Distance	60	70	80	)	100	120				
C	Sign Spacing *	50	60	70	)	80	100				
	Safety Zones										
D	Longitudinal *	15	20	30	)	45	60				
E	Lateral										
	1. Behind Cones etc	1	1	1		1	1				
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5				
	3. Behind Other Barriers	As	recomme	nded	by manufacturers						
	Ta	pers									
Н	Initial Taper Length Per Lane***	90	100	12	.0	150	180				
Ι	Subsequent Taper Length Per Lane **	50	60	70	)	80	100				
K	Minimum Distance between Tapers	50	60	70	)	80	100				
	Delineati	on Device	es								
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5				
ing	Approaches, between Tapers and around the Working Space	5	5	10	)	10	10				
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eitl a change gnment			5m for 20r de of a cha alignme	ange in				

Table C2.3: Layout Distances for Level 2 Traffic Management

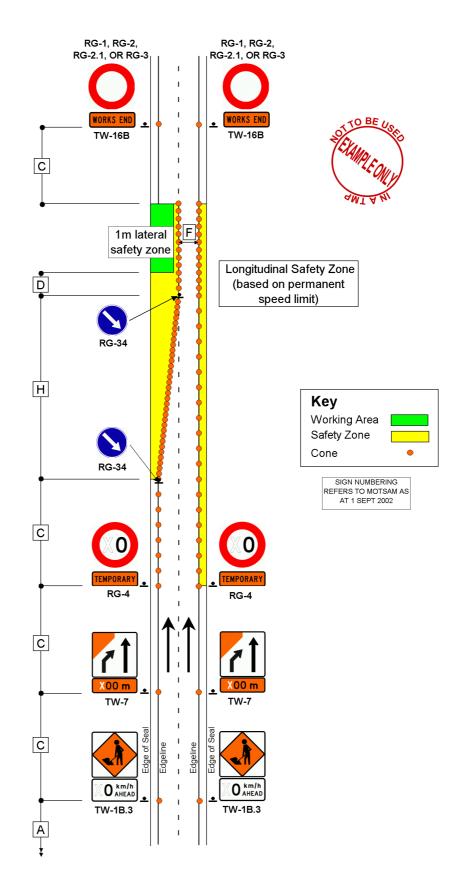
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

#### **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.14: TWO-LANE DIVIDED or TWO-LANE ONE-WAY LEVEL 2 ROAD
Left Lane Closure



Perr	manent Speed Limit	≤ 50 km/h	60 km/h	70 km		80 km/h	100 km/h		
		m	m	n	1	m	m		
	Traffi	ic Signs							
A	Sign Visibility Distance	60	70	80	)	100	120		
C	Sign Spacing *	50	60	70	)	80	100		
	Safety	y <b>Zones</b>							
D	Longitudinal *	15	20	30	)	45	60		
E	Lateral								
	1. Behind Cones etc	1	1	1		1	1		
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5		
	3. Behind Other Barriers	As	recomme	nded	by manufacturers				
	Ta	pers							
Н	Initial Taper Length Per Lane***	90	100	12	.0	150	180		
Ι	Subsequent Taper Length Per Lane **	50	60	70	)	80	100		
K	Minimum Distance between Tapers	50	60	70	)	80	100		
	Delineati	on Device	es						
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5		
ing	Approaches, between Tapers and around the Working Space	5	5	10	)	10	10		
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eitl a change gnment			5m for 20r de of a cha alignme	ange in		

Table C2.3: Layout Distances for Level 2 Traffic Management

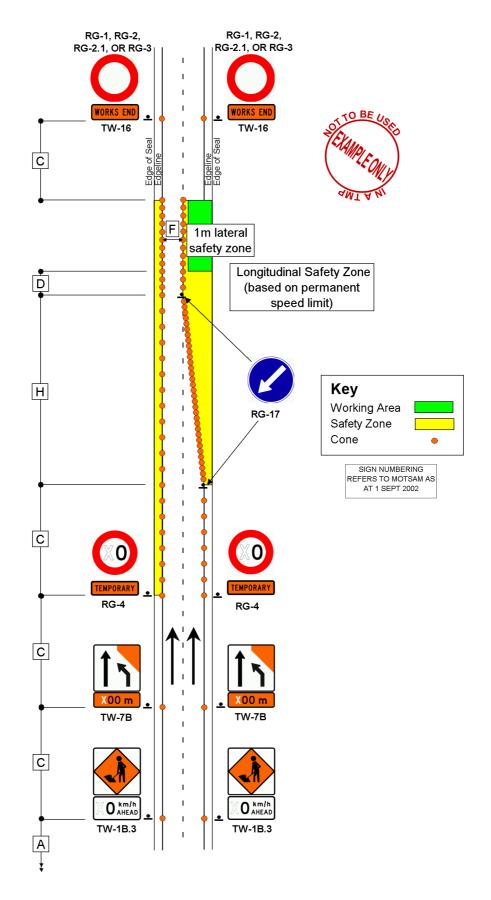
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

#### **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.15: TWO-LANE DIVIDED or TWO-LANE ONE-WAY LEVEL 2 ROAD Right Lane Closure



Peri	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km		80 km/h	100 km/h			
		m	m	n	1	m	m			
	Traffi	ic Signs								
A	Sign Visibility Distance	60	70	80	0	100	120			
C	Sign Spacing *	50	60	70	0	80	100			
Safety Zones										
D	Longitudinal *	15	20	30	0	45	60			
E	Lateral									
	1. Behind Cones etc	1	1	1		1	1			
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5			
	3. Behind Other Barriers	As	recomme	nded	by manufacturers					
	Ta	pers								
Н	Initial Taper Length Per Lane***	90	100	12	20	150	180			
Ι	Subsequent Taper Length Per Lane **	50	60	70	0	80	100			
K	Minimum Distance between Tapers	50	60	70	0	80	100			
	Delineati	on Device	es							
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5			
ing	Approaches, between Tapers and around the Working Space	5	5	10	0	10	10			
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eitl a change gnment			5m for 20r de of a cha alignme	ange in			

Table C2.3: Layout Distances for Level 2 Traffic Management

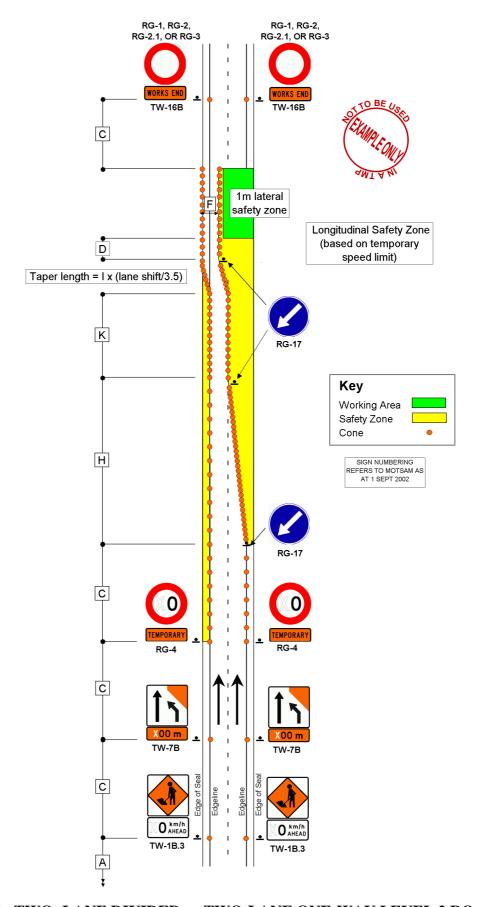
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

#### **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.16: TWO -LANE DIVIDED or TWO-LANE ONE-WAY LEVEL 2 ROAD
Two Lane Closure - One Lane Temporary Diversion



Peri	nanent Speed Limit	≤ 50 km/h	60 km/h	7 km		80 km/h	100 km/h			
		m	m	n	n	m	m			
	Traffi	ic Signs								
A	Sign Visibility Distance	60	70	8	0	100	120			
C	Sign Spacing *	50	60	7	0	80	100			
	Safety	y <b>Zones</b>								
D	Longitudinal *	15	20	3	0	45	60			
E	Lateral									
	1. Behind Cones etc	1	1	1		1	1			
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5			
	3. Behind Other Barriers	As	recomme	nded	by n	by manufacturers				
	Ta	pers								
Н	Initial Taper Length Per Lane***	90	100	12	20	150	180			
Ι	Subsequent Taper Length Per Lane **	50	60	7	0	80	100			
K	Minimum Distance between Tapers	50	60	7	0	80	100			
	Delineati	on Device	es							
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5			
ng	Approaches, between Tapers and around the Working Space	5	5	1	0	10	10			
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment			5m for 20r de of a cha alignme	ange in			

Table C2.3: Layout Distances for Level 2 Traffic Management

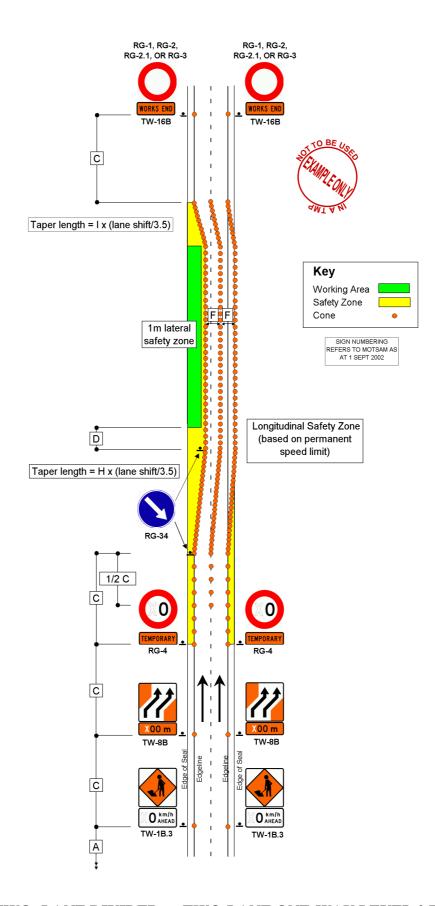
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

#### **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.17: TWO -LANE DIVIDED or TWO-LANE ONE-WAY LEVEL 2 ROAD One Lane Closure - Two Lane Temporary Diversion



Peri	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km		80 km/h	100 km/h	
		m	m	n	1	m	m	
	Traffi	ic Signs						
A	Sign Visibility Distance	60	70	80	0	100	120	
C	Sign Spacing *	50	60	70	0	80	100	
	Safety	Zones						
D	Longitudinal *	15	20	30	0	45	60	
E	Lateral							
	1. Behind Cones etc	1	1	1		1	1	
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5	
	3. Behind Other Barriers	As	As recommended by manufacturers					
	Ta	pers						
Н	Initial Taper Length Per Lane***	90	100	12	20	150	180	
Ι	Subsequent Taper Length Per Lane **	50	60	70	0	80	100	
K	Minimum Distance between Tapers	50	60	70	0	80	100	
	Delineati	on Device	es					
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5	
ing	Approaches, between Tapers and around the Working Space	5	5	10	0	10	10	
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eitl a change gnment					

Table C2.3: Layout Distances for Level 2 Traffic Management

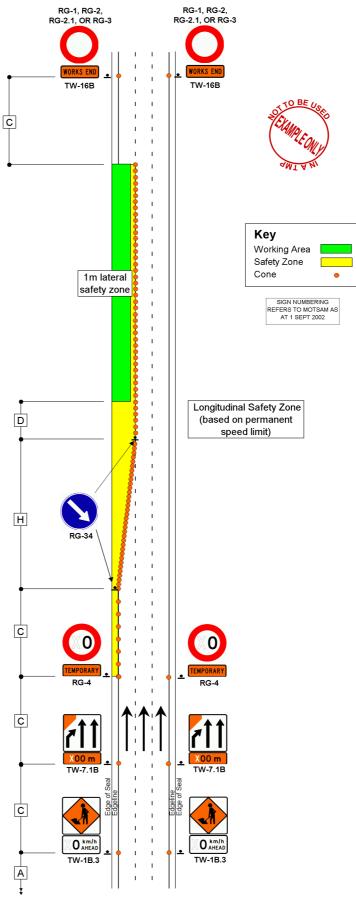
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.18: THREE -LANE DIVIDED or THREE-LANE ONE-WAY LEVEL 2 ROAD Left Lane Closure



Perr	manent Speed Limit	≤ 50 km/h	60 km/h	70 km	-	80 km/h	100 km/h			
		m	m	n	1	m	m			
	Traffi	ic Signs								
A	Sign Visibility Distance	60	70	80	)	100	120			
C	Sign Spacing *	50	60	70	)	80	100			
Safety Zones										
D	Longitudinal *	15	20	30	)	45	60			
E	Lateral									
	1. Behind Cones etc	1	1	1		1	1			
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5			
	3. Behind Other Barriers	As	recomme	nded	d by manufacturers					
	Ta	pers								
H	Initial Taper Length Per Lane***	90	100	12	.0	150	180			
Ι	Subsequent Taper Length Per Lane **	50	60	70	)	80	100			
K	Minimum Distance between Tapers	50	60	70	)	80	100			
	Delineati	on Device	es							
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5			
ng	Approaches, between Tapers and around the Working Space	5	5	10	)	10	10			
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eitl a change gnment		er 2.5m for 20m eit					

Table C2.3: Layout Distances for Level 2 Traffic Management

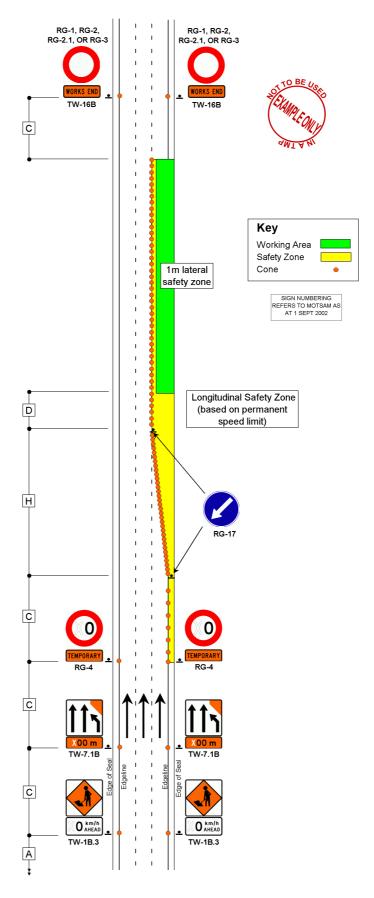
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.19: THREE-LANE DIVIDED OR THREE-LANE ONE-WAY LEVEL 2 ROAD Right Lane Closure



Perr	nanent Speed Limit	≤ 50 km/h	60 km/h	7 km	-	80 km/h	100 km/h		
		m	m	n	1	m	m		
	Traffi	ic Signs							
A	Sign Visibility Distance	60	70	8	0	100	120		
C	Sign Spacing *	50	60	7	0	80	100		
	Safety	Zones							
D	Longitudinal *	15	20	3	0	45	60		
E	Lateral								
	1. Behind Cones etc	1	1	1	-	1	1		
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5		
	3. Behind Other Barriers	As	recomme	nded	by manufacturers				
	Ta	pers							
Н	Initial Taper Length Per Lane***	90	100	12	20	150	180		
Ι	Subsequent Taper Length Per Lane **	50	60	7	0	80	100		
K	Minimum Distance between Tapers	50	60	7	0	80	100		
	Delineati	on Device	es						
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5		
ing	Approaches, between Tapers and around the Working Space	5	5	1	0	10	10		
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment			2.5m for 20m eith side of a change i alignment			

Table C2.3: Layout Distances for Level 2 Traffic Management

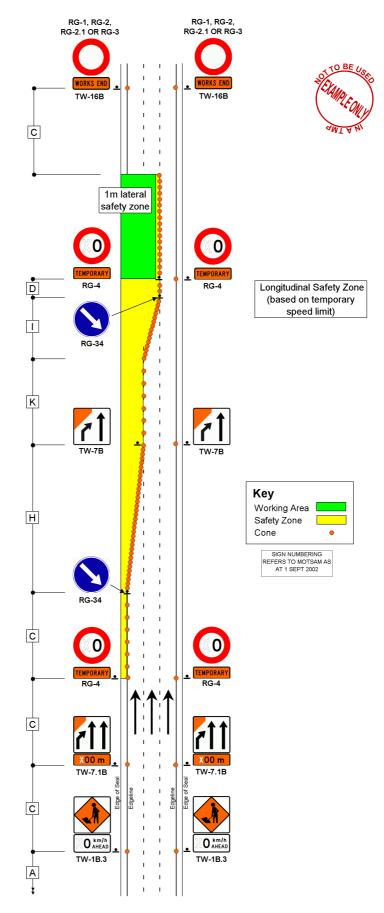
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.20: THREE -LANE DIVIDED or THREE-LANE ONE-WAY LEVEL 2 ROAD
Two Lane Closure - Left and Centre Lanes



Peri	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km		80 km/h	100 km/h	
		m	m	n	1	m	m	
	Traffi	ic Signs						
A	Sign Visibility Distance	60	70	80	0	100	120	
C	Sign Spacing *	50	60	70	0	80	100	
	Safety	Zones						
D	Longitudinal *	15	20	30	0	45	60	
E	Lateral							
	1. Behind Cones etc	1	1	1		1	1	
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5	
	3. Behind Other Barriers	As	As recommended by manufacturers					
	Ta	pers						
Н	Initial Taper Length Per Lane***	90	100	12	20	150	180	
Ι	Subsequent Taper Length Per Lane **	50	60	70	0	80	100	
K	Minimum Distance between Tapers	50	60	70	0	80	100	
	Delineati	on Device	es					
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5	
ing	Approaches, between Tapers and around the Working Space	5	5	10	0	10	10	
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eitl a change gnment					

Table C2.3: Layout Distances for Level 2 Traffic Management

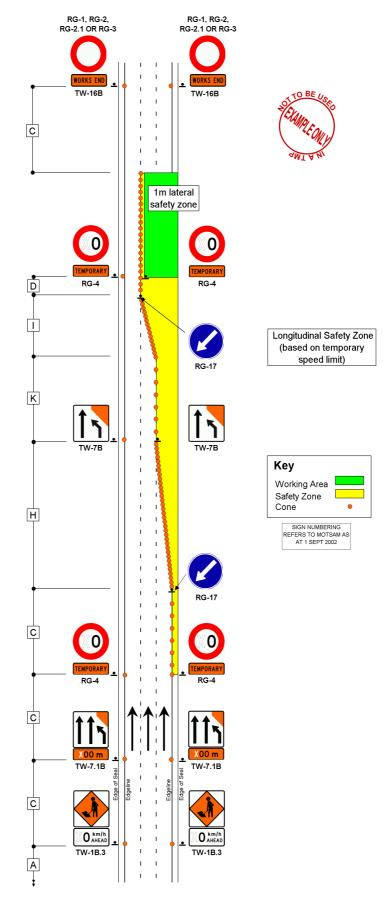
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.21: THREE -LANE DIVIDED or THREE-LANE ONE-WAY LEVEL 2 ROAD
Two Lane Closure – Right and Centre Lanes



Perr	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km/		80 km/h	100 km/h		
		m	m	m		m	m		
	Traffi	ic Signs							
A	Sign Visibility Distance	60	70	80	)	100	120		
C	Sign Spacing *	50	60	70	)	80	100		
Safety Zones									
D	Longitudinal *	15	20	30	)	45	60		
E	Lateral								
	1. Behind Cones etc	1	1	1		1	1		
	2. Behind Concrete Barrier	0.5	0.5	0.5	5	0.5	0.5		
	3. Behind Other Barriers	As recommended by manufacturers					ers		
	Ta	pers							
H	Initial Taper Length Per Lane***	90	100	120	0	150	180		
I	Subsequent Taper Length Per Lane **	50	60	70	)	80	100		
K	Minimum Distance between Tapers	50	60	70	)	80	100		
	Delineati	on Device	es						
	ALL Tapers	2.5	2.5	2.5	5	2.5	2.5		
gu	Approaches, between Tapers and around the Working Space	5	5	10	)	10	10		
Spacing	At merge and diverge points for ramps and slip lanes intersecting road entry  2.5m for 10m either 2.5						n either ange in ent		

Table C2.3: Layout Distances for Level 2 Traffic Management

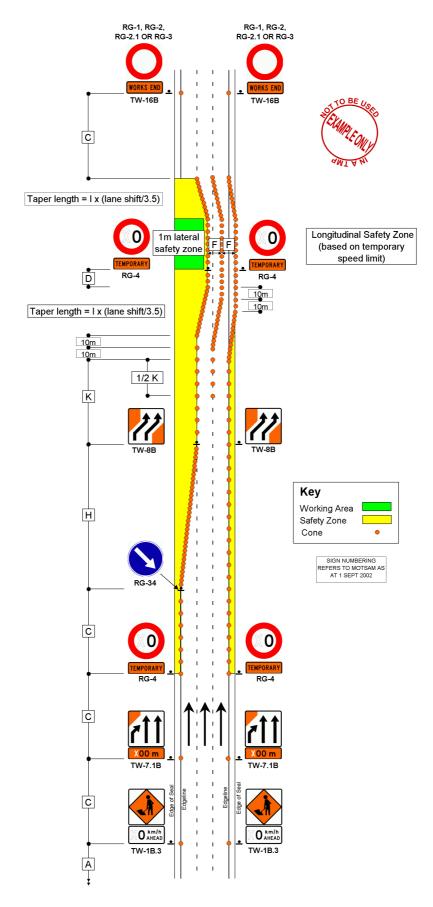
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.22: THREE -LANE DIVIDED or THREE-LANE ONE-WAY LEVEL 2 ROAD
Two Lane Closure - Two Lane Temporary Diversion



Peri	nanent Speed Limit	≤ 50 km/h	60 km/h	7 km		80 km/h	100 km/h	
		m	m	n	n	m	m	
	Traffi	ic Signs						
A	Sign Visibility Distance	60	70	8	0	100	120	
C	Sign Spacing *	50	60	7	0	80	100	
	Safety	y <b>Zones</b>						
D	Longitudinal *	15	20	3	0	45	60	
E	Lateral							
	1. Behind Cones etc	1	1	1		1	1	
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5	
	3. Behind Other Barriers	As	recomme	nded	by manufacturers			
	Ta	pers						
Н	Initial Taper Length Per Lane***	90	100	12	20	150	180	
Ι	Subsequent Taper Length Per Lane **	50	60	7	0	80	100	
K	Minimum Distance between Tapers	50	60	7	0	80	100	
	Delineati	on Device	es					
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5	
ng	Approaches, between Tapers and around the Working Space	5	5	1	0	10	10	
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment		er 2.5m for 20m e			

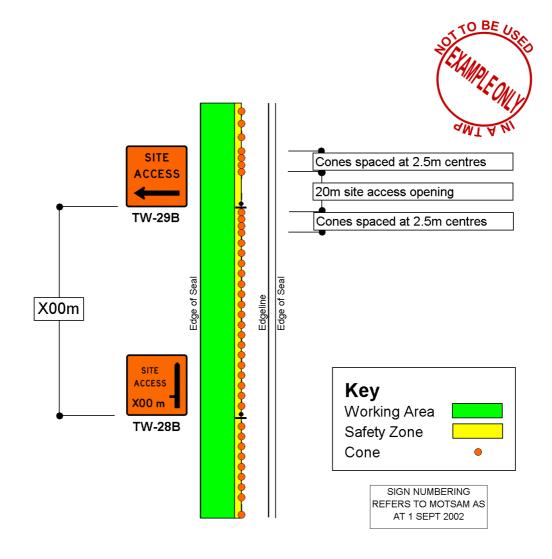
Table C2.3: Layout Distances for Level 2 Traffic Management

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

## **Minimum Lane Widths**

Perm	anent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 









Perr	Permanent Speed Limit		60 km/h	70 km/l	80 h km/h	100 km/h
		m	m	m	m	m
	Traffi	ic Signs				
A	Sign Visibility Distance	60	70	80	100	120
C	Sign Spacing *	50	60	70	80	100
	Safety	y Zones				
D	Longitudinal *	15	20	30	45	60
E	Lateral					
	1. Behind Cones etc	1	1	1	1	1
	2. Behind Concrete Barrier	0.5	0.5	0.5	0.5	0.5
	3. Behind Other Barriers	As	recomme	nded by	y manufactu	rers
	Ta	pers				
H	Initial Taper Length Per Lane***	90	100	120	150	180
I	Subsequent Taper Length Per Lane **	50	60	70	80	100
K	Minimum Distance between Tapers	50	60	70	80	100
	Delineati	on Device	es			
	ALL Tapers	2.5	2.5	2.5	2.5	2.5
gu	Approaches, between Tapers and around the Working Space	5	5	10	10	10
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment	-	2.5m for 200 side of a chalignm	ange in

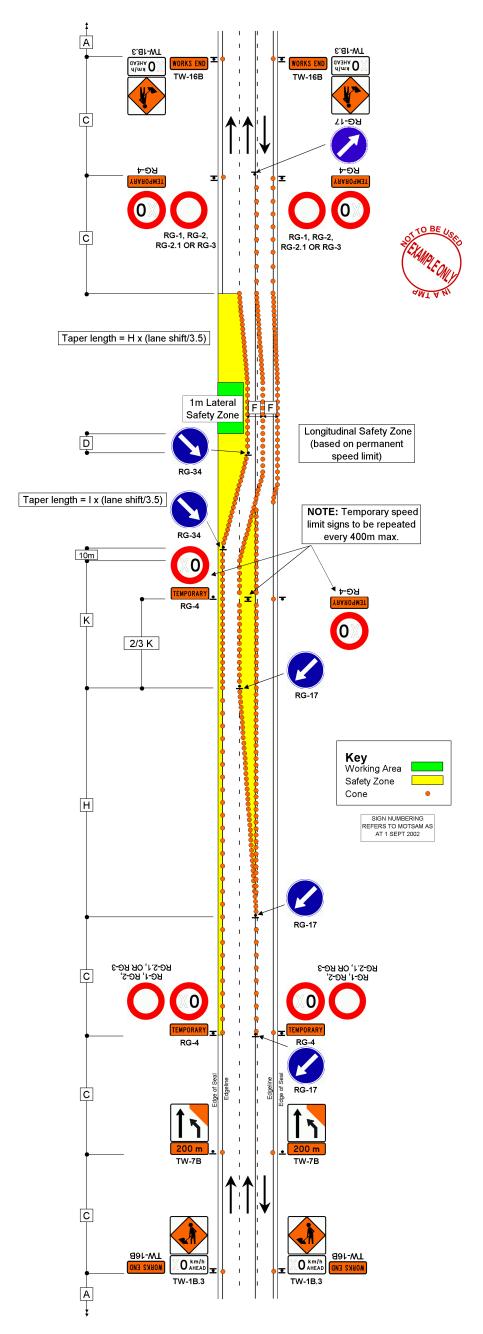
**Table C2.3: Layout Distances for Level 2 Traffic Management** 

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

# **Minimum Lane Widths**

Per	nanent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 



F1.24: PASSING LANE ON A TWO-LANE TWO-WAY LEVEL 2 ROAD Left Lane Closure - With Chicane







Pern	Permanent Speed Limit		60 km/h	70 km/		80 km/h	100 km/h	
		m	m	m		m	m	
	Traffi	ic Signs						
A	Sign Visibility Distance	60	70	80		100	120	
C	Sign Spacing *	50	60	70		80	100	
Safety Zones								
D	Longitudinal *	15	20	30		45	60	
$\mathbf{E}$	Lateral							
	1. Behind Cones etc	1	1	1		1	1	
	2. Behind Concrete Barrier	0.5	0.5	0.5	5	0.5	0.5	
	3. Behind Other Barriers	As	recomme	nded t	y m	nanufactur	ers	
	Ta	pers						
Н	Initial Taper Length Per Lane***	90	100	120	)	150	180	
I	Subsequent Taper Length Per Lane **	50	60	70		80	100	
K	Minimum Distance between Tapers	50	60	70	)	80	100	
	Delineati	on Device	es					
	ALL Tapers	2.5	2.5	2.5	5	2.5	2.5	
gui	Approaches, between Tapers and around the Working Space	5	5	10		10	10	
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment			om for 20r de of a cha alignme	ange in	

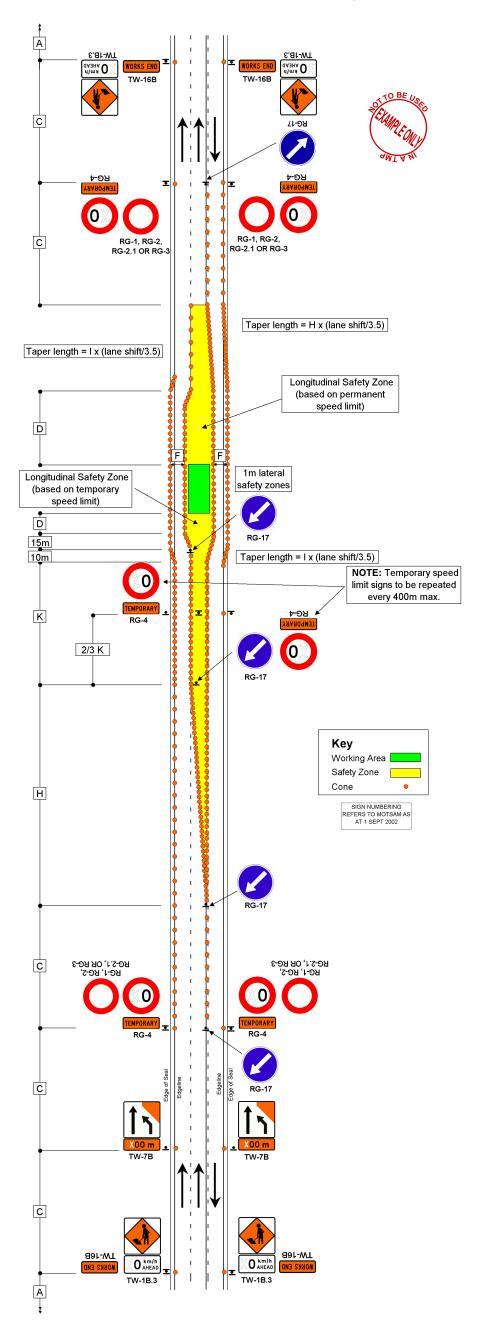
Table C2.3: Layout Distances for Level 2 Traffic Management

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

# **Minimum Lane Widths**

Perm	nanent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 



F1.25: PASSING LANE ON A TWO-LANE TWO-WAY LEVEL 2 ROAD Centre Lane Closure





Pern	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km	_	80 km/h	100 km/h	
		m	m	n	1	m	m	
	Traffi	ic Signs						
A	Sign Visibility Distance	60	70	80	0	100	120	
C	Sign Spacing *	50	60	70	0	80	100	
Safety Zones								
D	Longitudinal *	15	20	30	0	45	60	
E	Lateral							
	1. Behind Cones etc	1	1	1		1	1	
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5	
	3. Behind Other Barriers	As	recomme	nded	by n	nanufactur	rers	
	Ta	pers						
Н	Initial Taper Length Per Lane***	90	100	12	0.	150	180	
I	Subsequent Taper Length Per Lane **	50	60	70	C	80	100	
K	Minimum Distance between Tapers	50	60	70	0	80	100	
	Delineati	on Device	es					
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5	
gui	Approaches, between Tapers and around the Working Space	5	5	10	0	10	10	
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment	5m for 20r de of a cha alignme	ange in			

Table C2.3: Layout Distances for Level 2 Traffic Management

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

# **Minimum Lane Widths**

F1 - 50

Per	manent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 



CODE OF PRACTICE FOR TEMPORARY TRAFFIC MANAGEMENT SP/M/010 - Third Edition: November 2004 Update À F.81-WT TW-16B TW-16B Ç NOTE: All permanent RG-4 RG-4 ℥ signs referring to the passing lane must be covered or removed for the duration of the closure RG-1, RG-2, RG-1, RG-2, C RG-2.1 OR RG-3 RG-2.1 OR RG-3 RG-17 1/2 C Key Working Area Safety Zone Taper length = H x (lane shift/3.5) Cone SIGN NUMBERING REFERS TO MOTSAM AS AT 1 SEPT 2002 1m lateral safety zone Longitudinal Safety Zone D (based on permanent speed limit) Taper length =  $H \times (lane shift/3.5)$ • 1/2 C KG-7'1' OK KG-3 71-DA KG-1' KG-5' RG-2.1, QR RG-3, С 0 C **TW-16B TW-16B** 

F1.26: PASSING LANE ON A TWO-LANE TWO-WAY LEVEL 2 ROAD Left and Centre Lane Closure within the first 600m of a Passing Lane

TW-1B.3

Α







Perr	Permanent Speed Limit		60 km/h	70 km	-	80 km/h	100 km/h		
		m	m	n	1	m	m		
	Traff	ic Signs							
A	Sign Visibility Distance	60	70	80	)	100	120		
C	Sign Spacing *	50	60	70	)	80	100		
Safety Zones									
D	Longitudinal *	15	20	30	)	45	60		
E	Lateral								
	1. Behind Cones etc	1	1	1		1	1		
	2. Behind Concrete Barrier	0.5	0.5	0.	5	0.5	0.5		
	3. Behind Other Barriers	As	recomme	nded	by n	nanufactui	rers		
	Ta	pers							
Н	Initial Taper Length Per Lane***	90	100	12	.0	150	180		
Ι	Subsequent Taper Length Per Lane **	50	60	70	)	80	100		
K	Minimum Distance between Tapers	50	60	70	)	80	100		
	Delineati	on Device	es						
	ALL Tapers	2.5	2.5	2.	5	2.5	2.5		
gu	Approaches, between Tapers and around the Working Space	5	5	10	)	10	10		
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment	_		5m for 20i de of a ch alignmo	ange in		

Table C2.3: Layout Distances for Level 2 Traffic Management

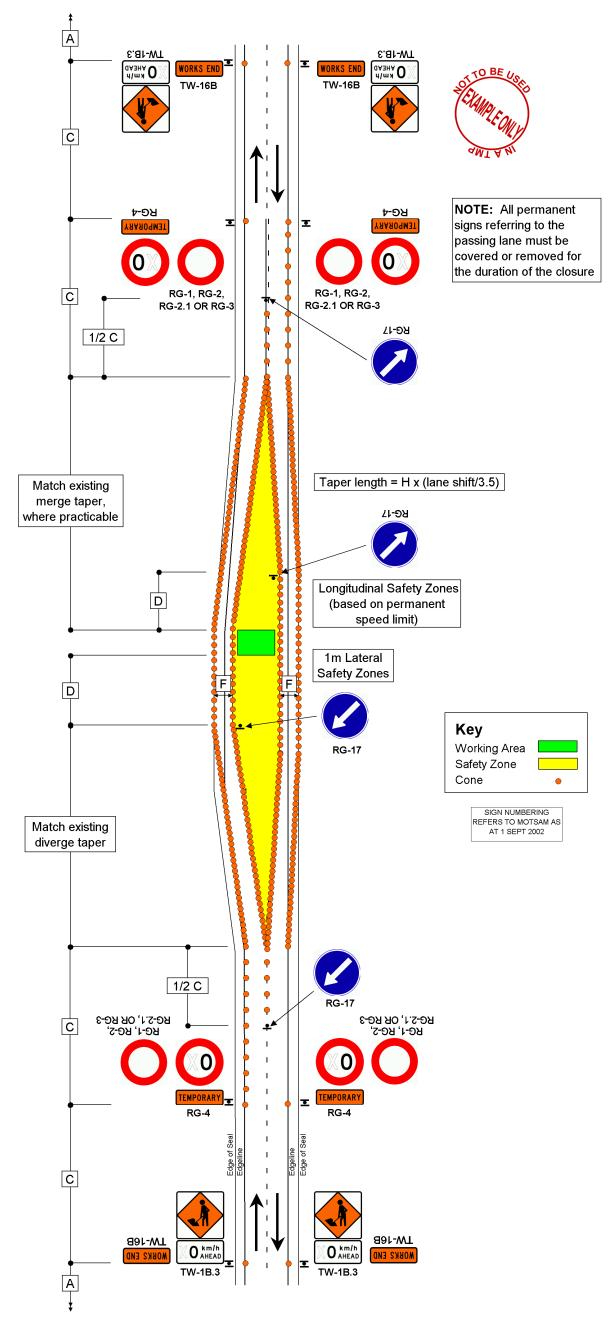
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

# **Minimum Lane Widths**

F1 - 52

Per	manent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 



F1.27: PASSING LANE ON A TWO-LANE TWO-WAY LEVEL 2 ROAD Centre Lane Closure within the first 600m of a Passing Lane







Perr	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km/		80 km/h	100 km/h
		m	m	m		m	m
	Traffi	ic Signs					
A	Sign Visibility Distance	60	70	80		100	120
C	Sign Spacing *	50	60	70		80	100
	Safety	Zones					
D	Longitudinal *	15	20	30		45	60
E	Lateral						
	1. Behind Cones etc	1	1	1		1	1
	2. Behind Concrete Barrier	0.5	0.5	0.5		0.5	0.5
	3. Behind Other Barriers	As	recomme	y m	nanufactur	ers	
	Ta	pers					
Н	Initial Taper Length Per Lane***	90	100	120	)	150	180
I	Subsequent Taper Length Per Lane **	50	60	70		80	100
K	Minimum Distance between Tapers	50	60	70		80	100
	Delineati	on Device	es				
	ALL Tapers	2.5	2.5	2.5	i	2.5	2.5
gu	Approaches, between Tapers and around the Working Space	5	5	10		10	10
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	2.5m for 10m either side of a change in alignment side of a change in alignment					ange in

Table C2.3: Layout Distances for Level 2 Traffic Management

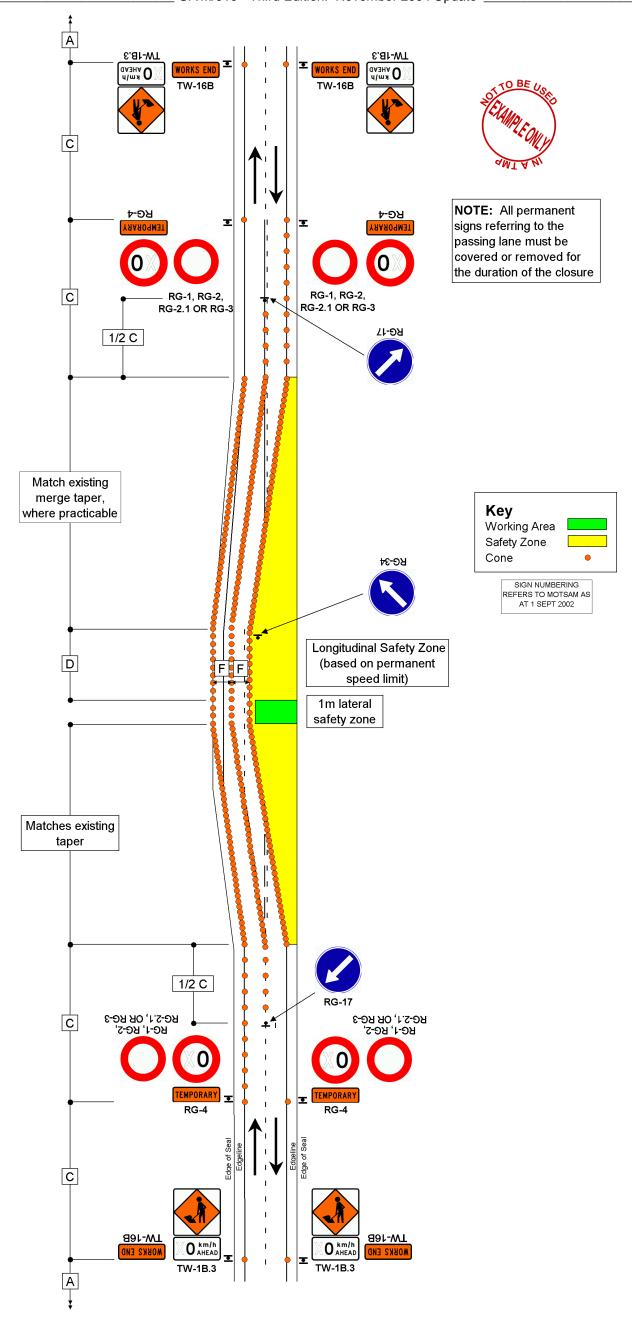
- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

# **Minimum Lane Widths**

Per	manent/Temporary Speed	30 km/h	50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.28: PASSING LANE ON A TWO-LANE TWO-WAY LEVEL 2 ROAD Right Lane Closure within the first 600m of a Passing Lane







Pern	nanent Speed Limit	≤ 50 km/h	60 km/h	70 km/		80 km/h	100 km/h
		m	m	m		m	m
	Traffi	ic Signs					
A	Sign Visibility Distance	60	70	80	)	100	120
C	Sign Spacing *	50	60	70	)	80	100
	Safety	Zones					
D	Longitudinal *	15	20	30	)	45	60
E	Lateral						
	1. Behind Cones etc	1	1	1		1	1
	2. Behind Concrete Barrier	0.5	0.5	0.5	5	0.5	0.5
	3. Behind Other Barriers	As	recomme	nanufactur	ers		
	Ta	pers					
Н	Initial Taper Length Per Lane***	90	100	120	C	150	180
I	Subsequent Taper Length Per Lane **	50	60	70	)	80	100
K	Minimum Distance between Tapers	50	60	70	)	80	100
	Delineati	on Device	es				
	ALL Tapers	2.5	2.5	2.5	5	2.5	2.5
gui	Approaches, between Tapers and around the Working Space	5	5	10	)	10	10
Spacing	At merge and diverge points for ramps and slip lanes, intersecting road entry and exit points, and site accesses points	side of	or 10m eith a change gnment				ange in

Table C2.3: Layout Distances for Level 2 Traffic Management

- \* No longitudinal safety zone is required when a barrier completely protects the approach end of the site.
- \*\* Only applicable where the taper is located a sufficient distance from a temporary speed restriction for drivers to have slowed down to the temporary speed. Taper length is based on a single lane shift of 3.5m
- \*\*\* Taper length is based on a single lane shift of 3.5m
- \* Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

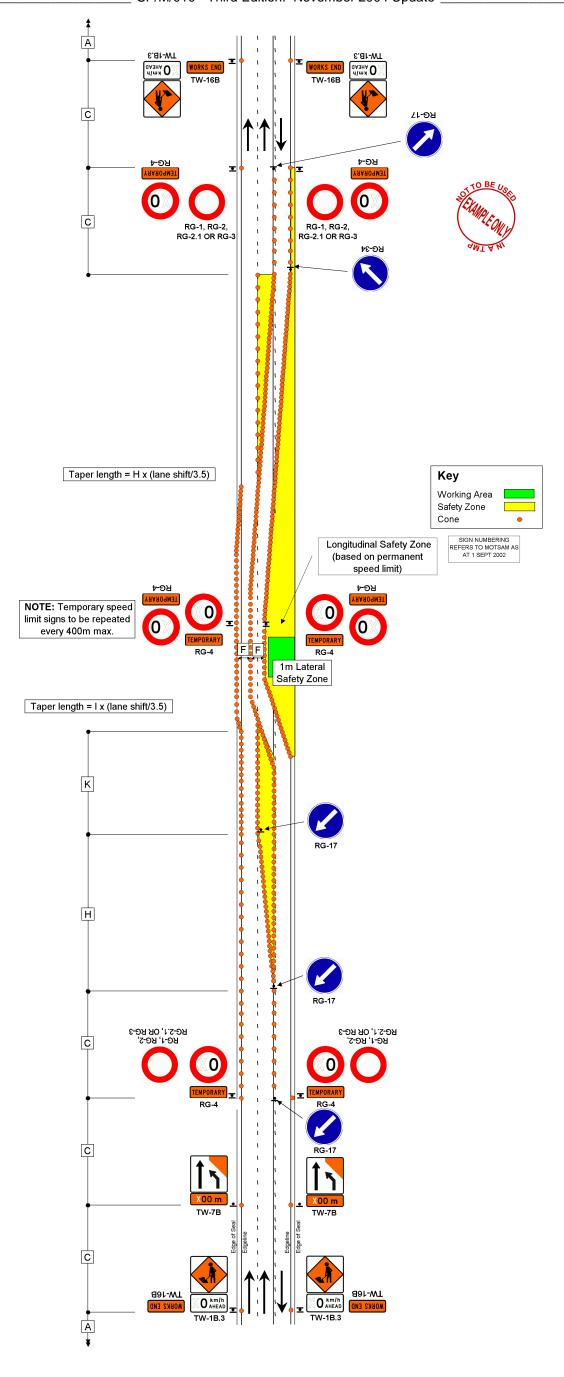
# **Minimum Lane Widths**

F1 - 56

Permanent/Temporary Speed		30	50	60	70	80	100
		km/h	km/h	km/h	km/h	km/h	km/h
F	Minimum Lane Width	2.75 m	3.00 m	3.00 m	3.25 m	3.25 m	3.50 m

**Table C2.5: Minimum Lane Widths** 





F1.29: PASSING LANE ON A TWO-LANE TWO-WAY LEVEL 2 ROAD Right Lane Closure - With Chicane