SECTION F1 LEVEL 2 ROADS SIGNS AND LAYOUT DIAGRAMS

STATIC OPERATIONS

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Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

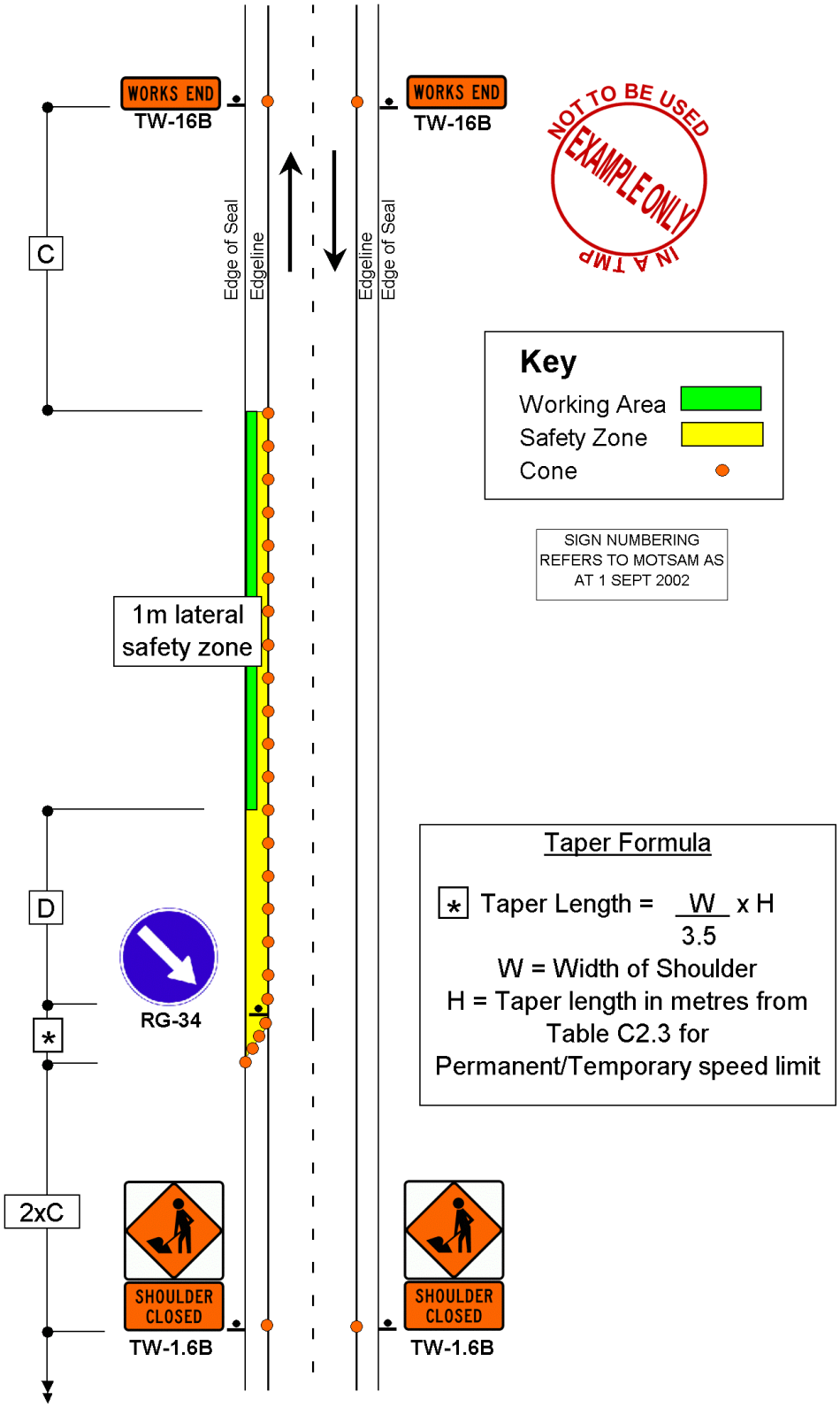
*** Taper length is based on a single lane shift of 3.5m

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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).*

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

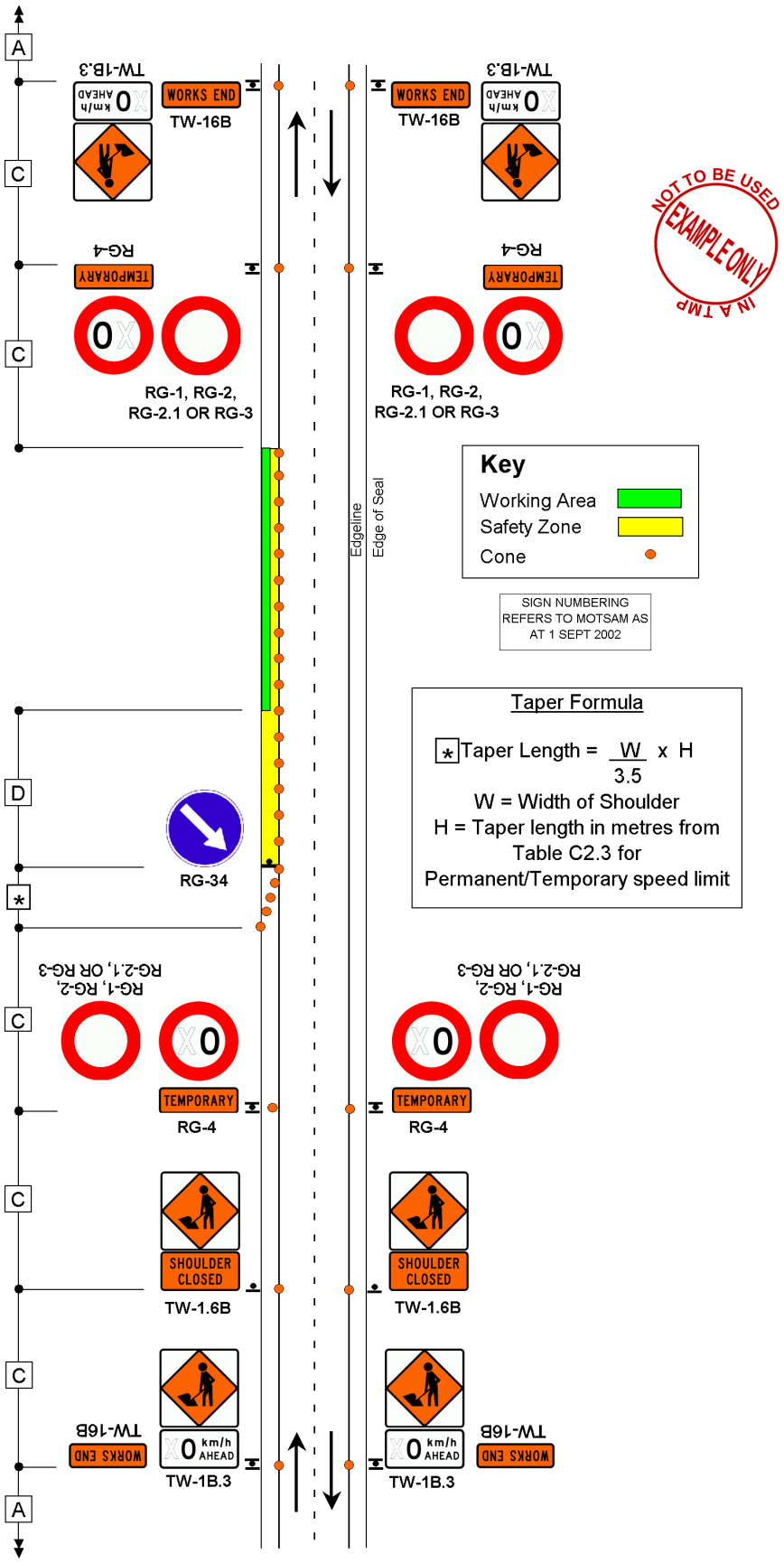
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

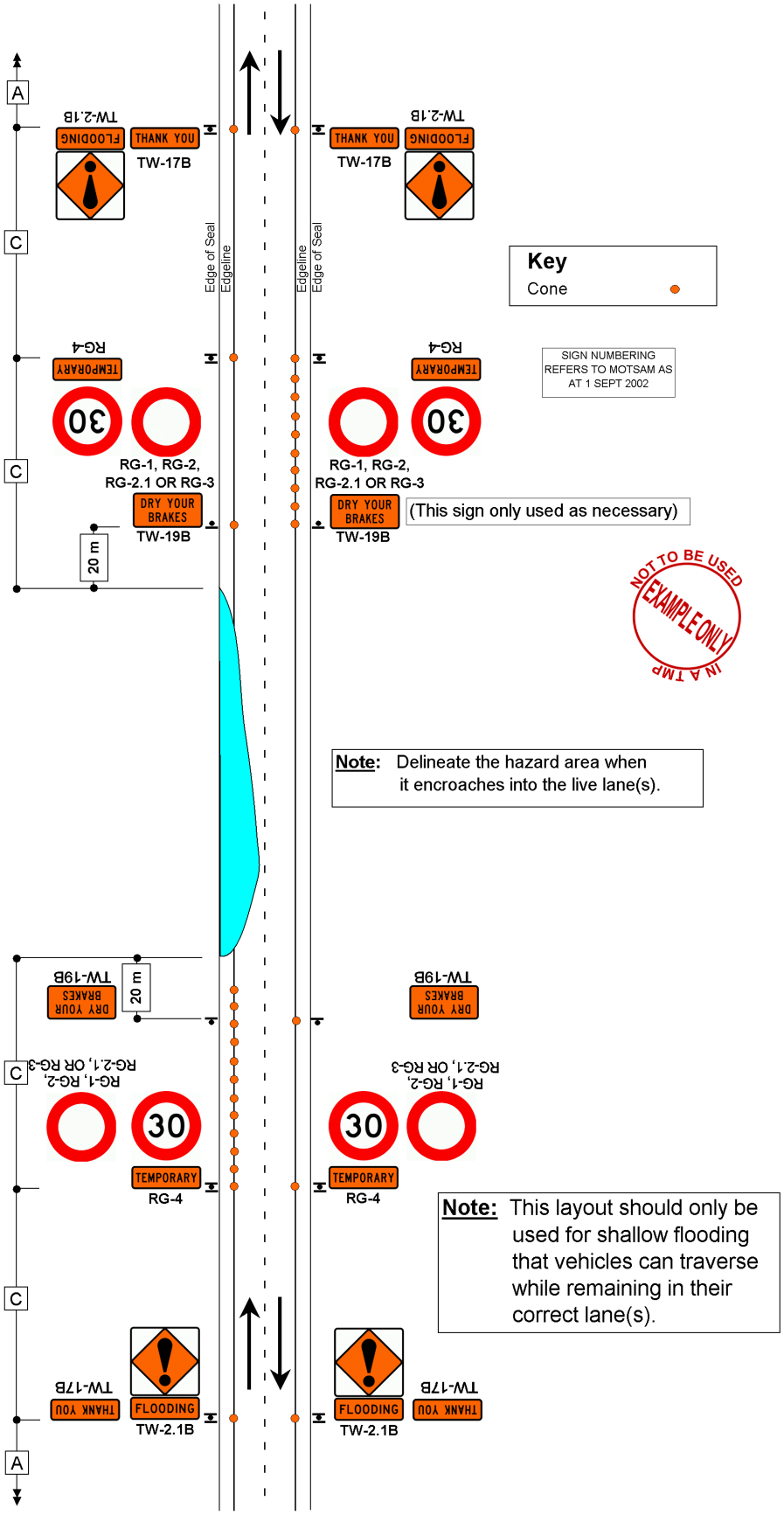
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

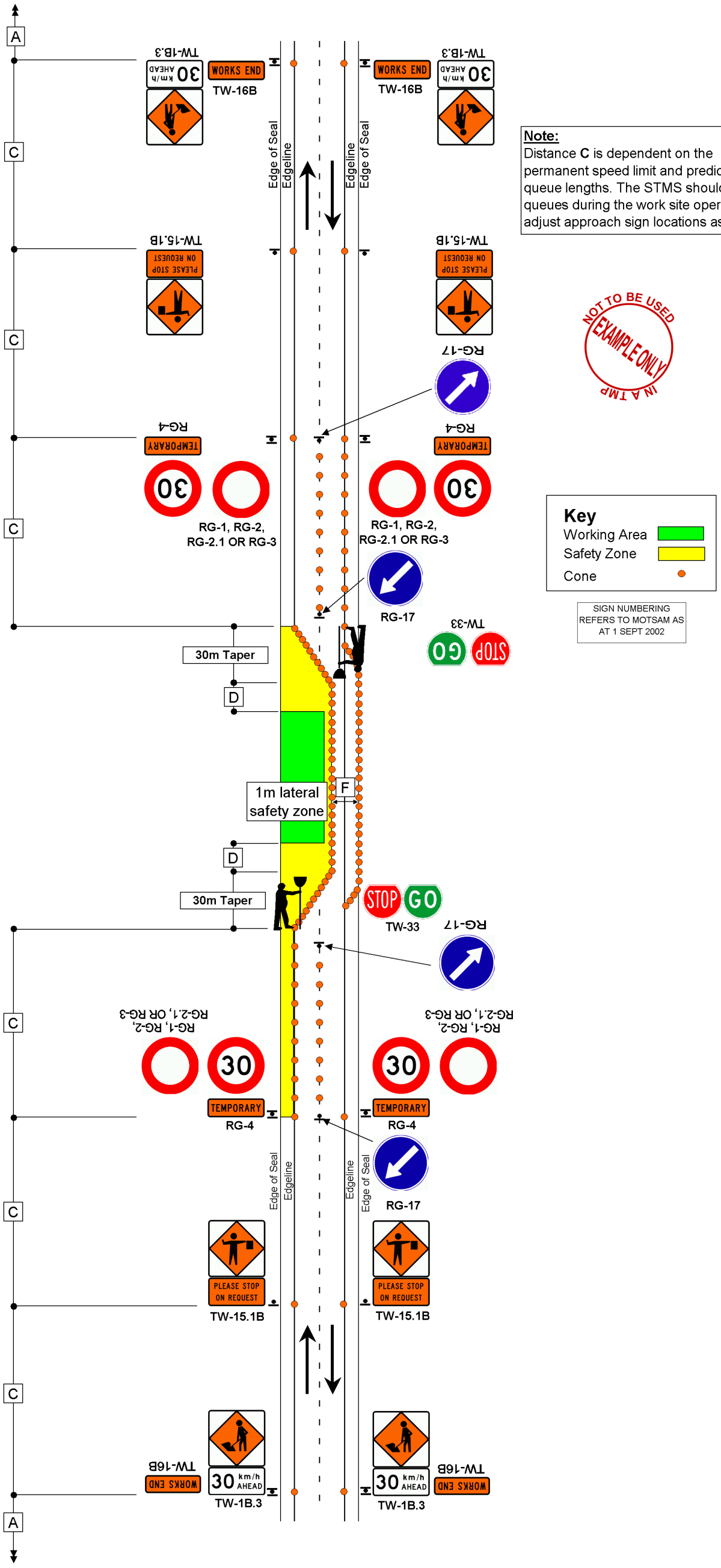
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

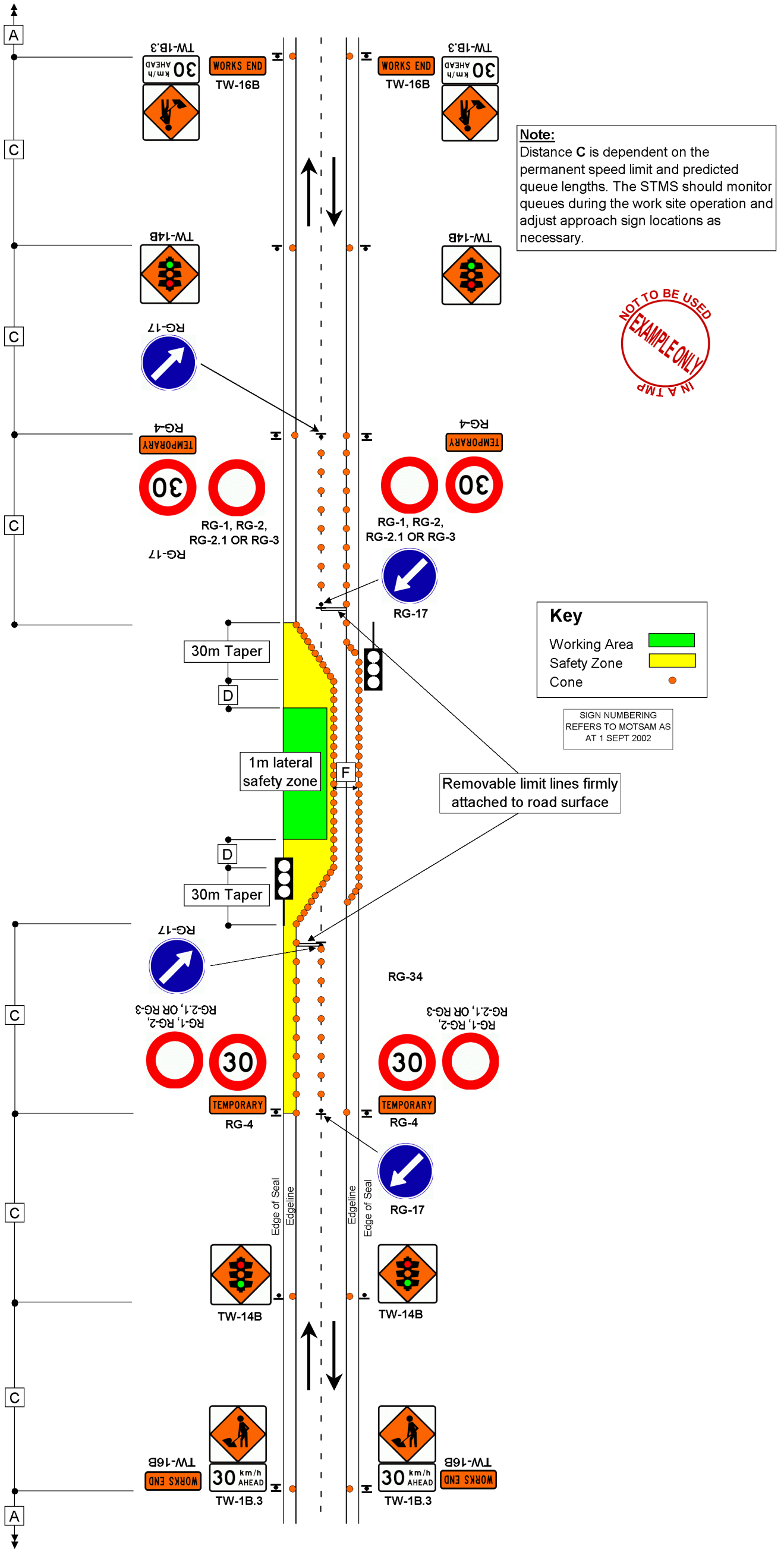
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

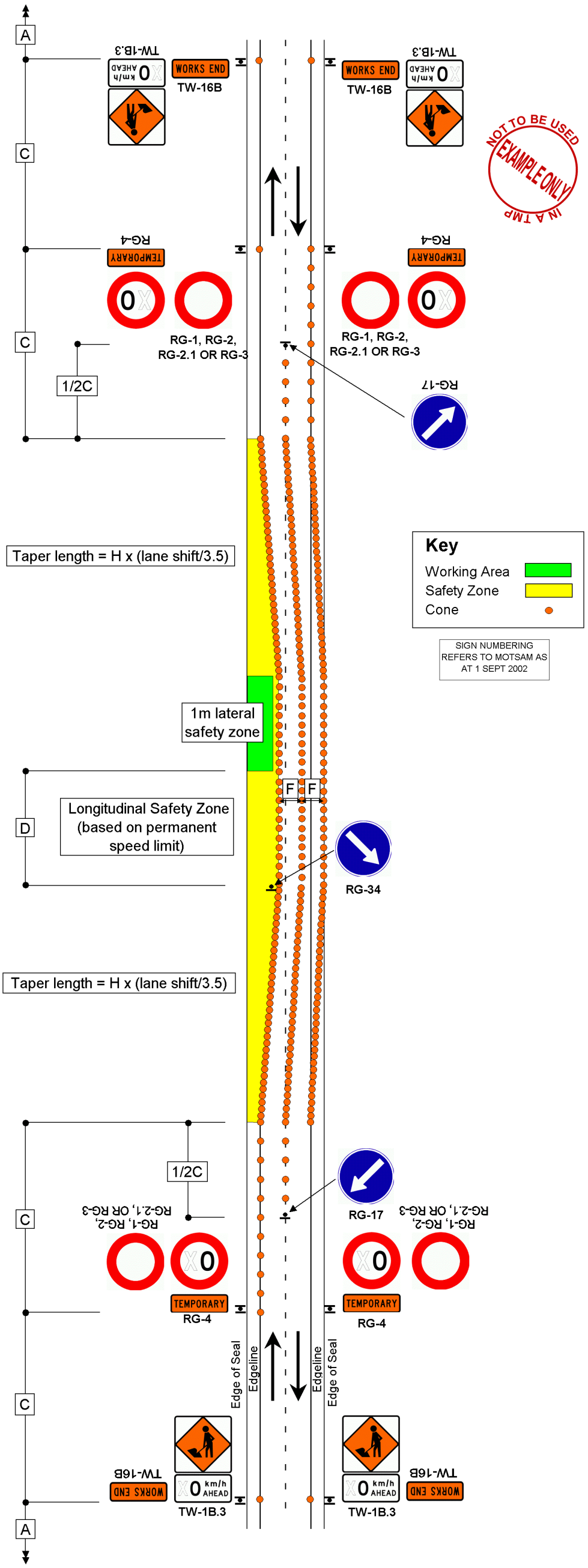
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

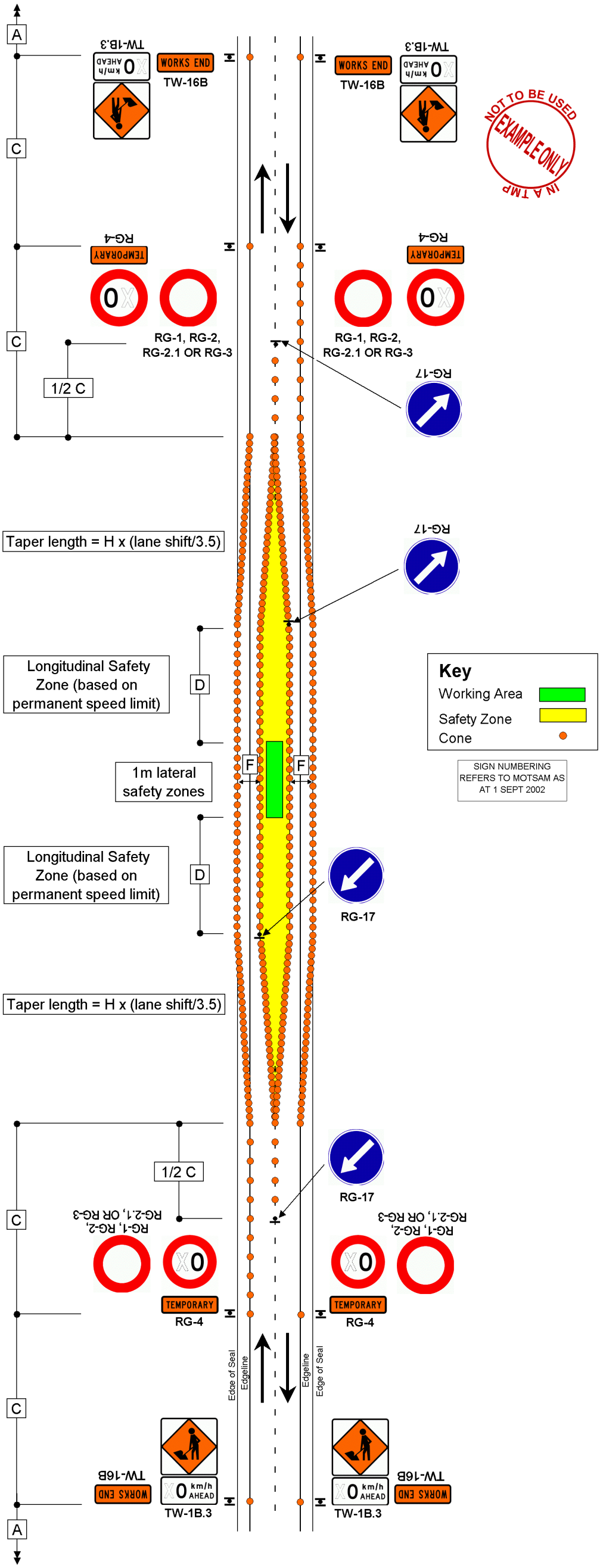
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

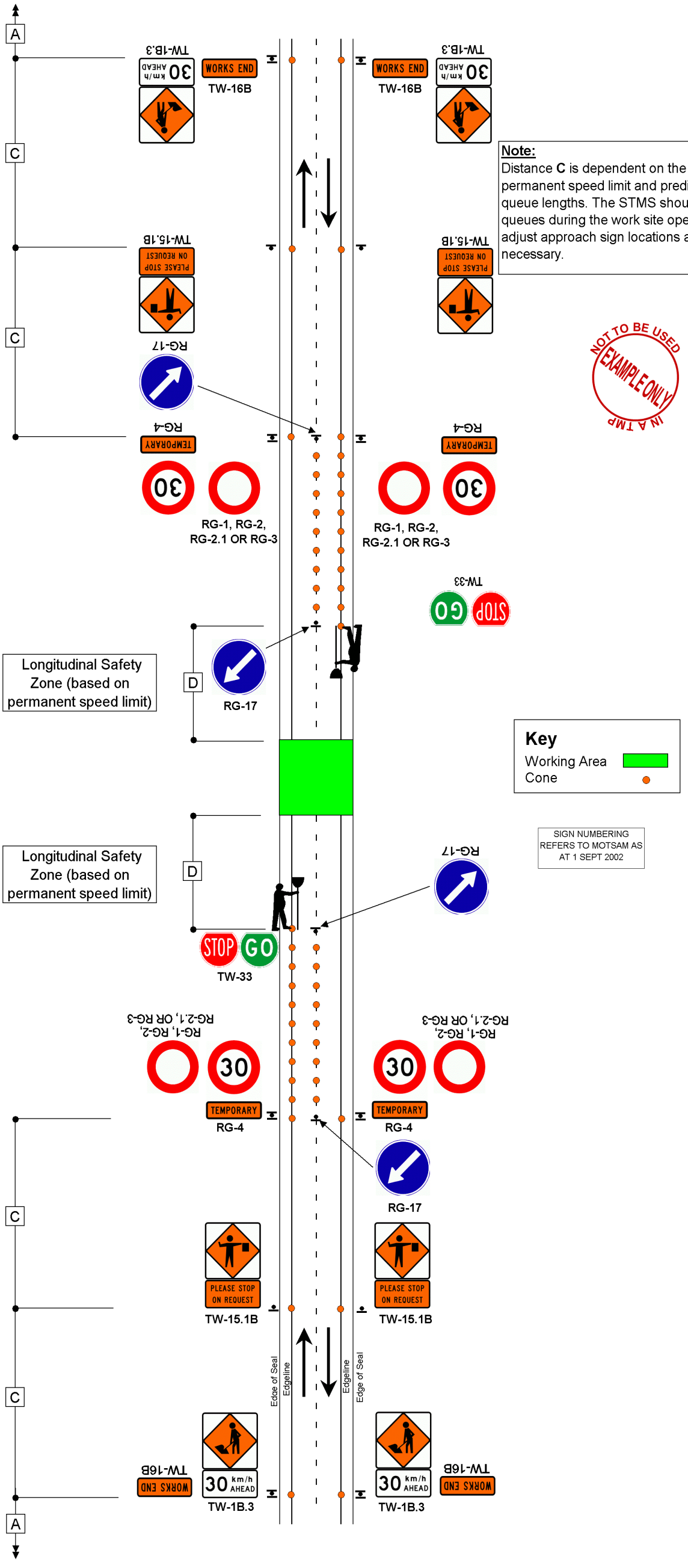
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

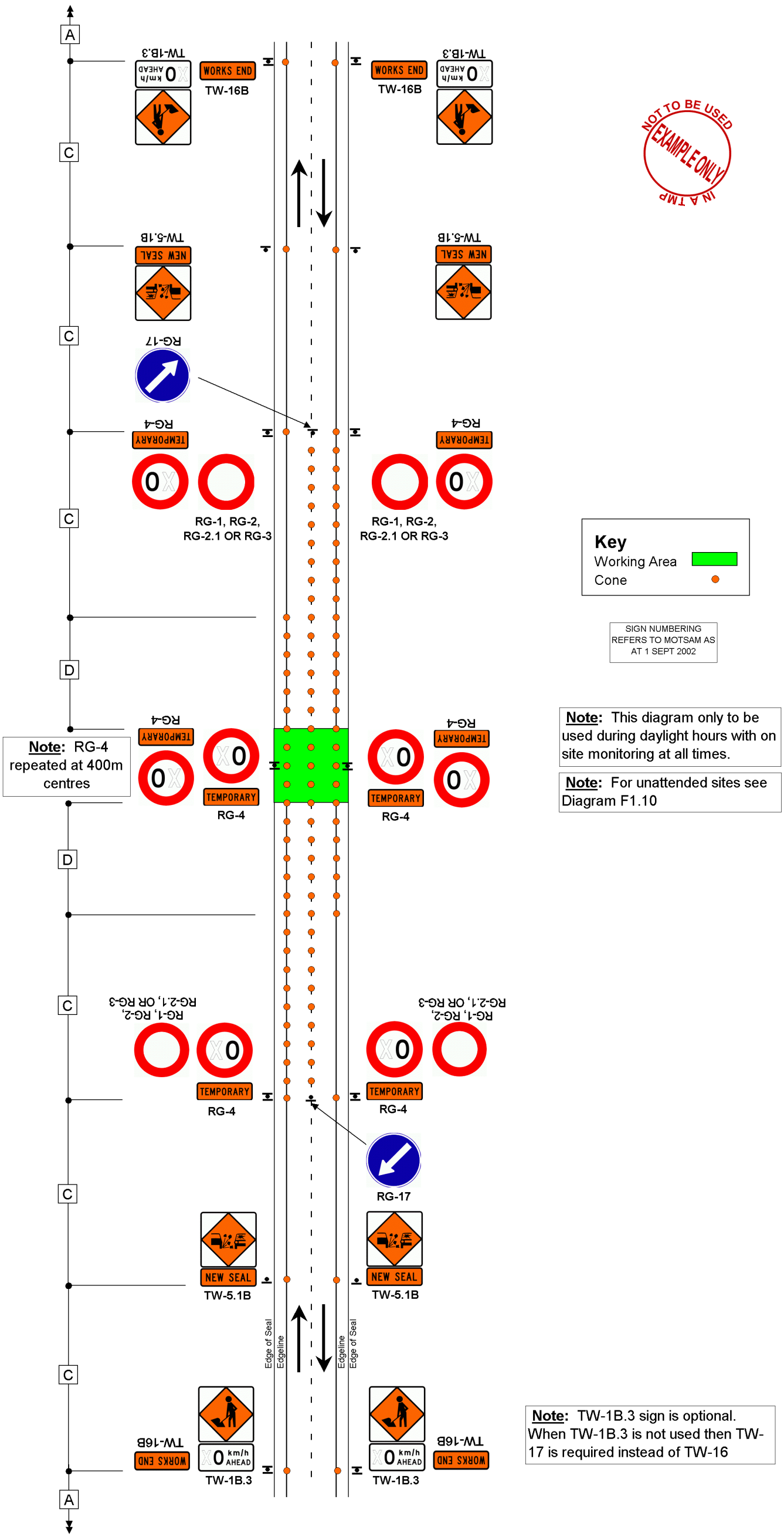
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

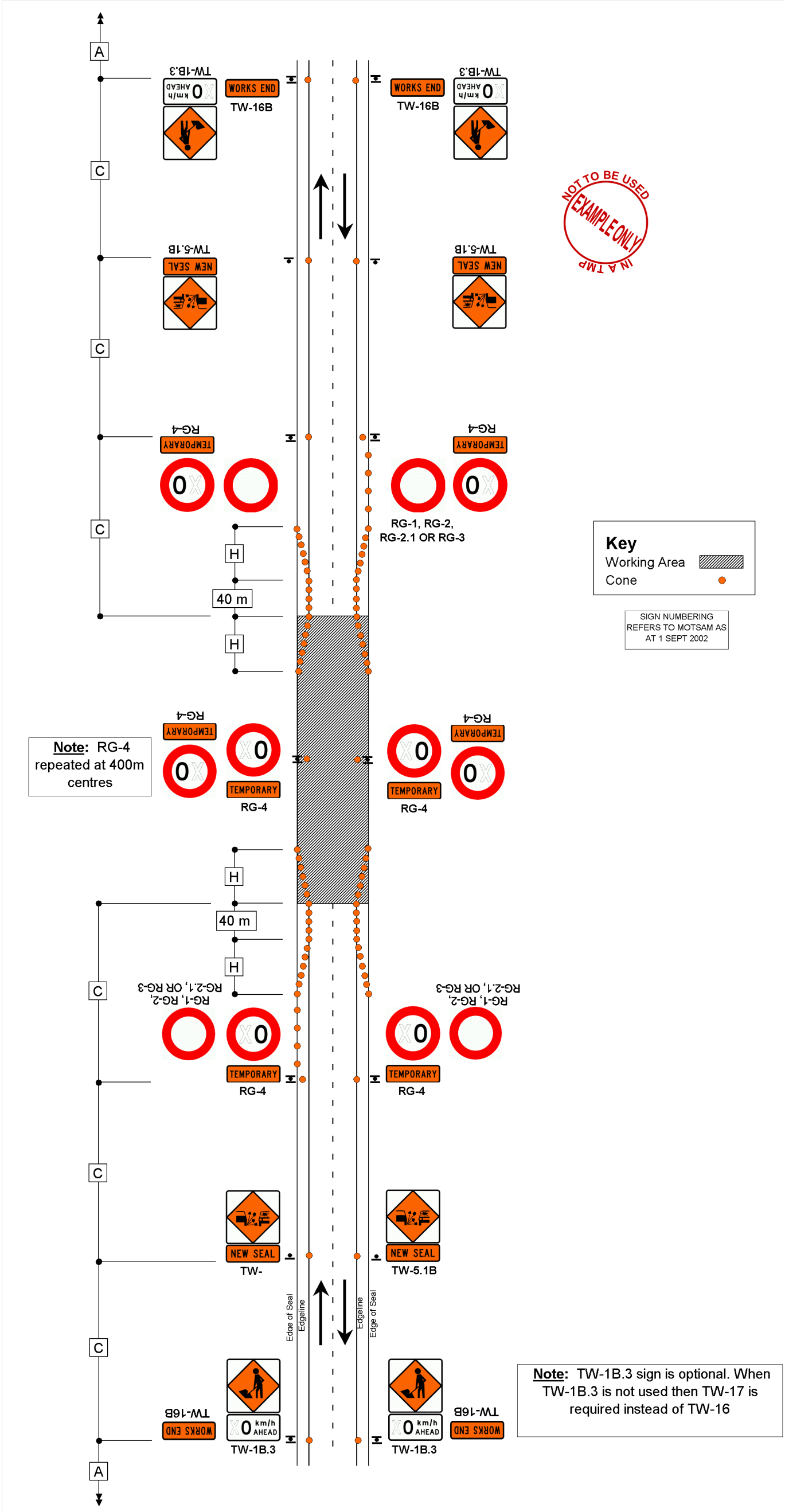
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

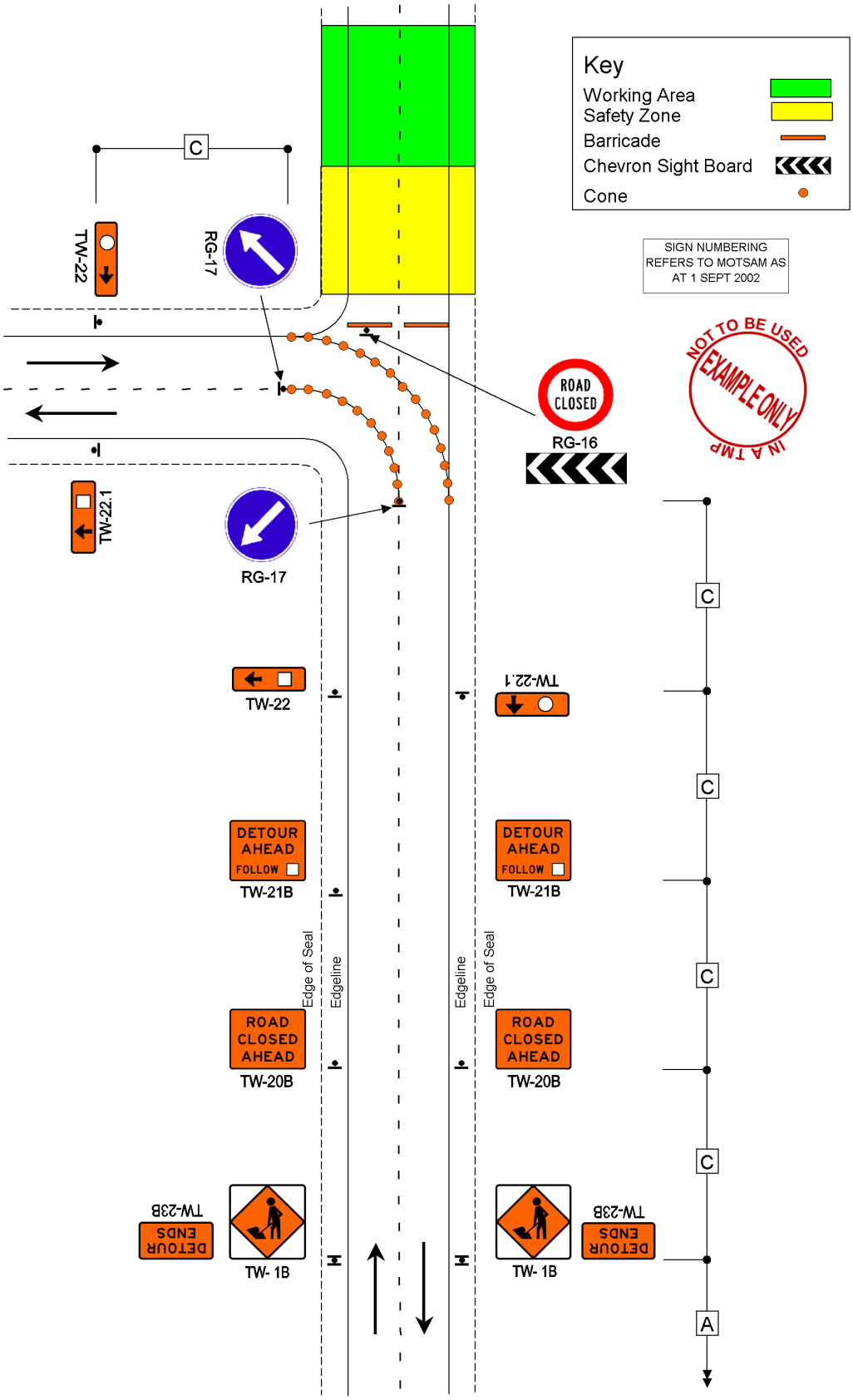
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

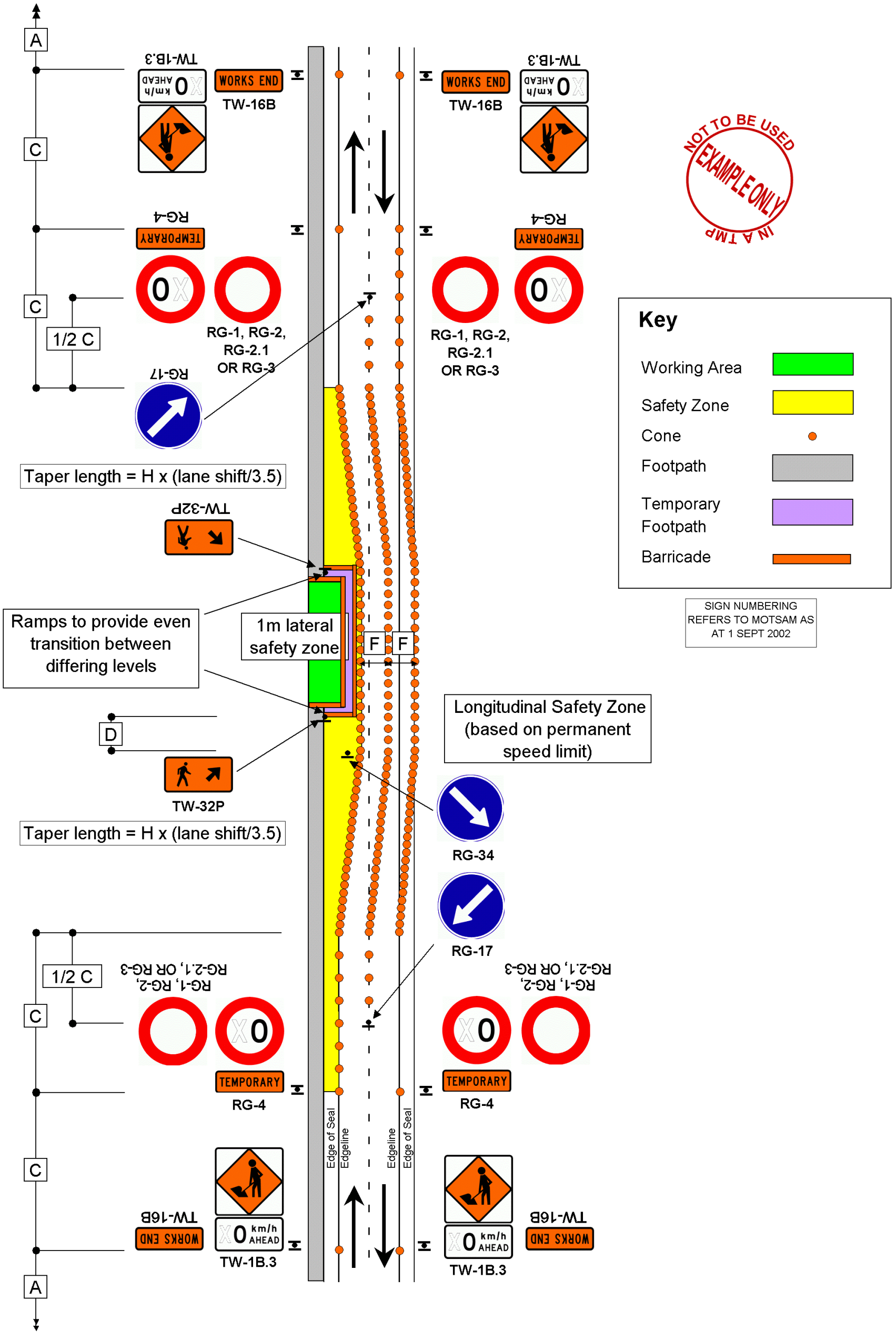
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

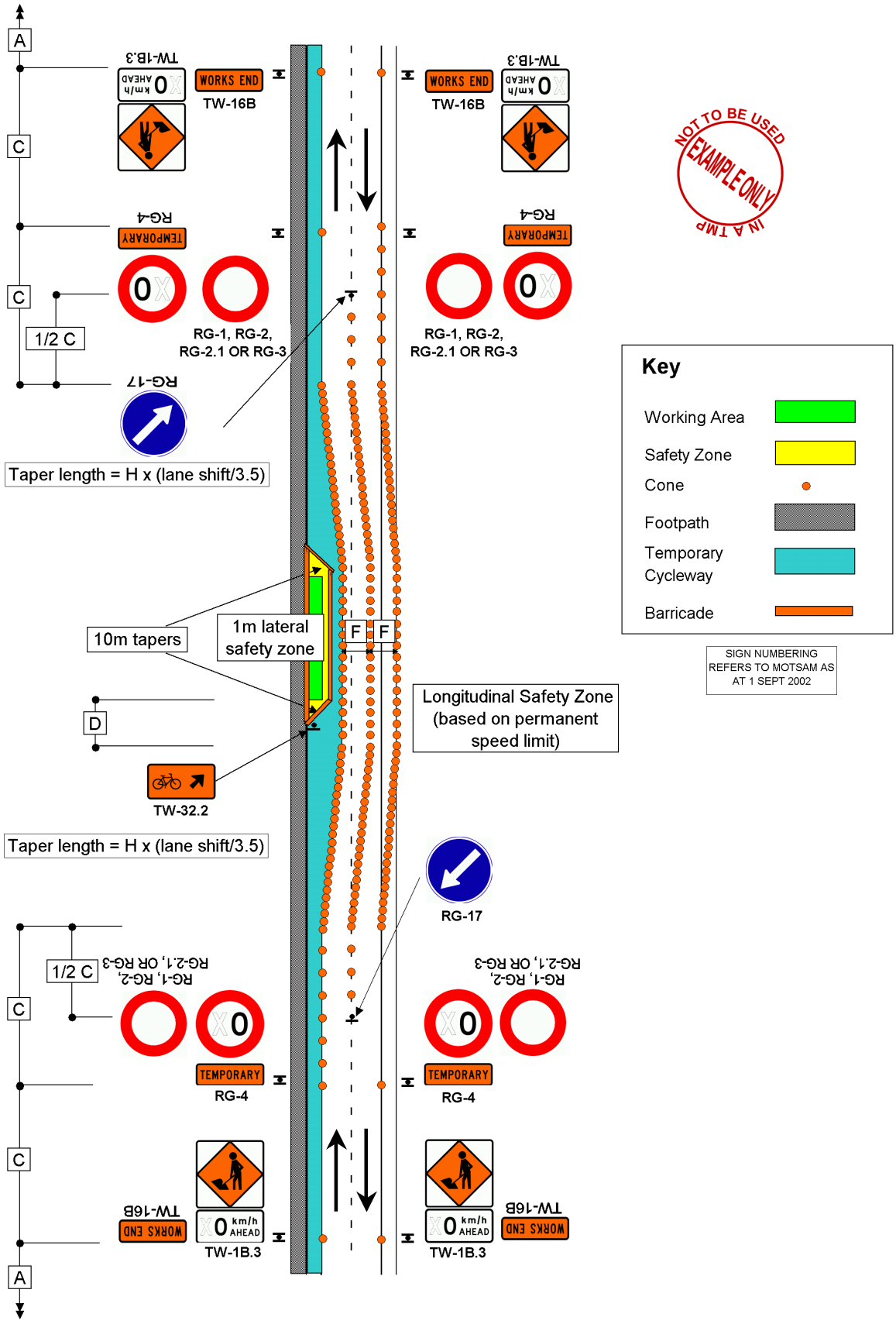
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

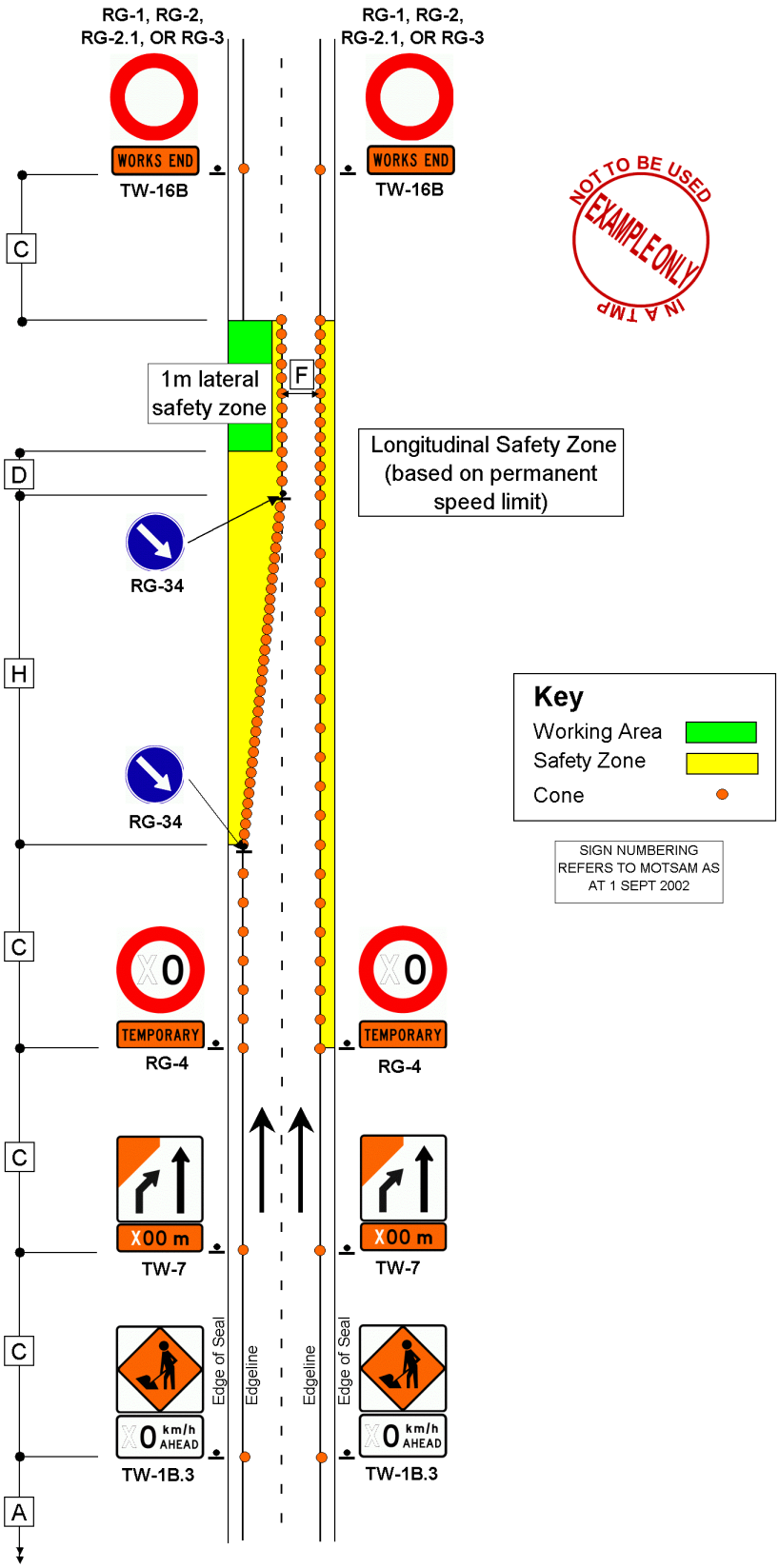
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

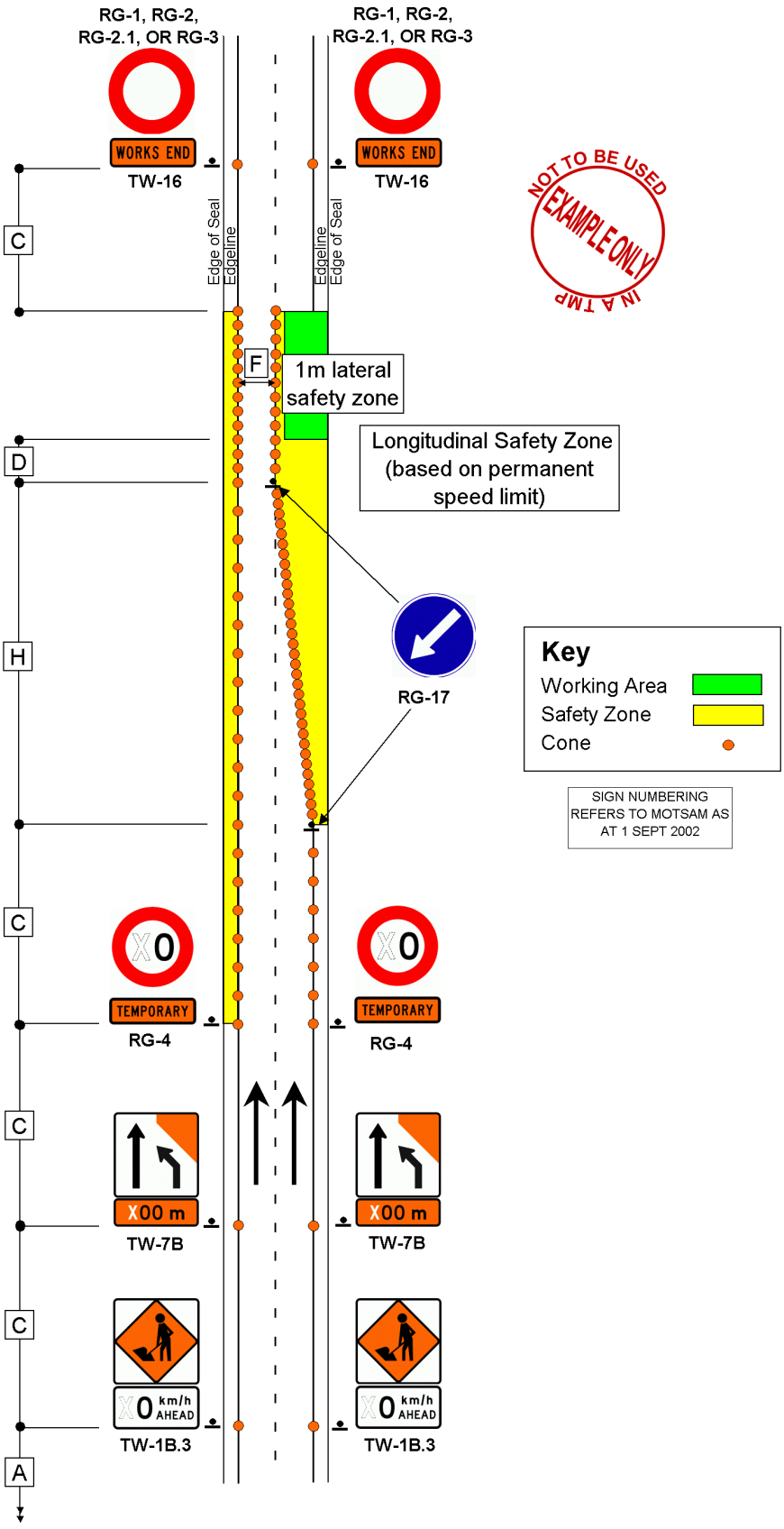
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

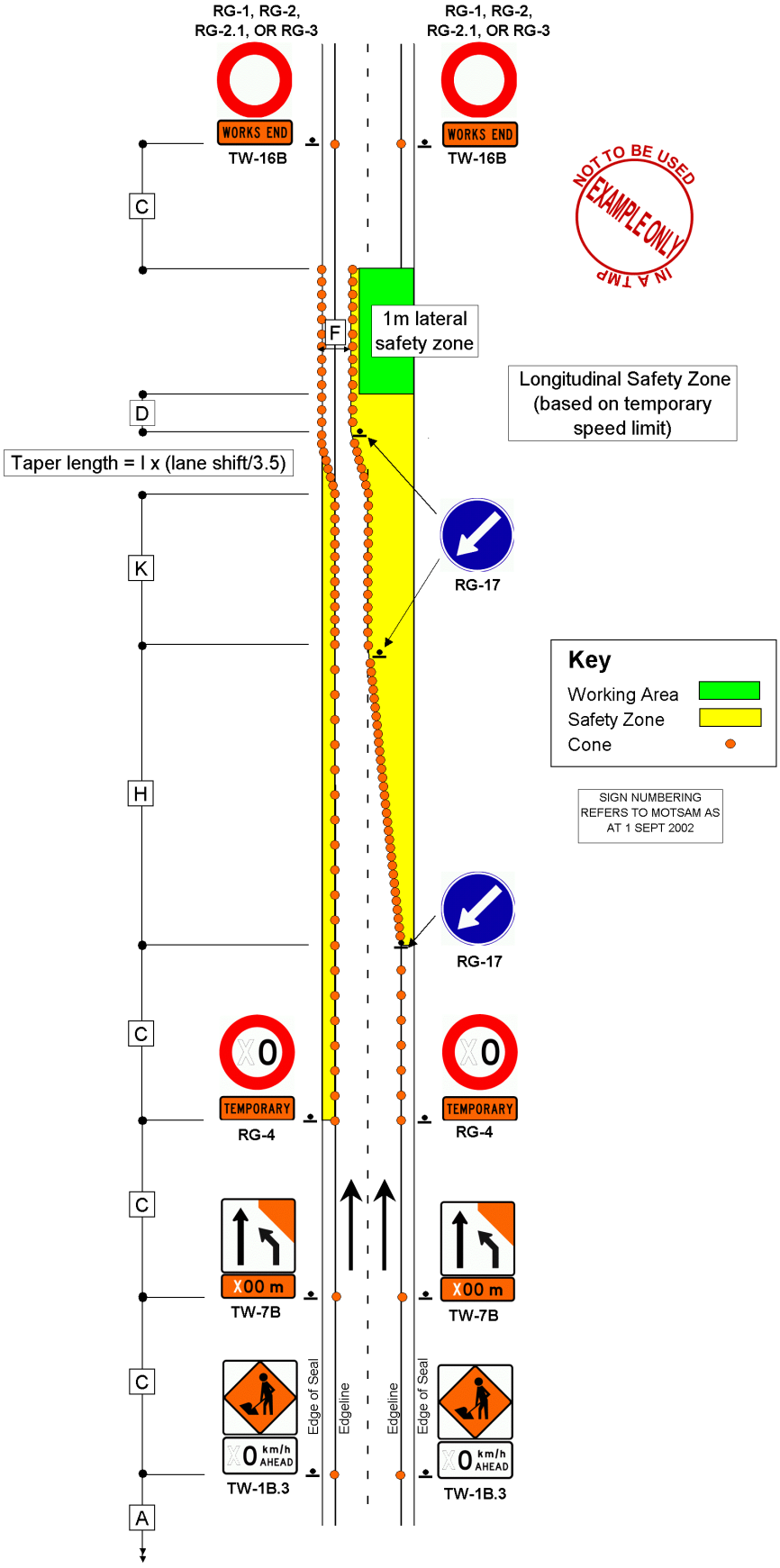
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

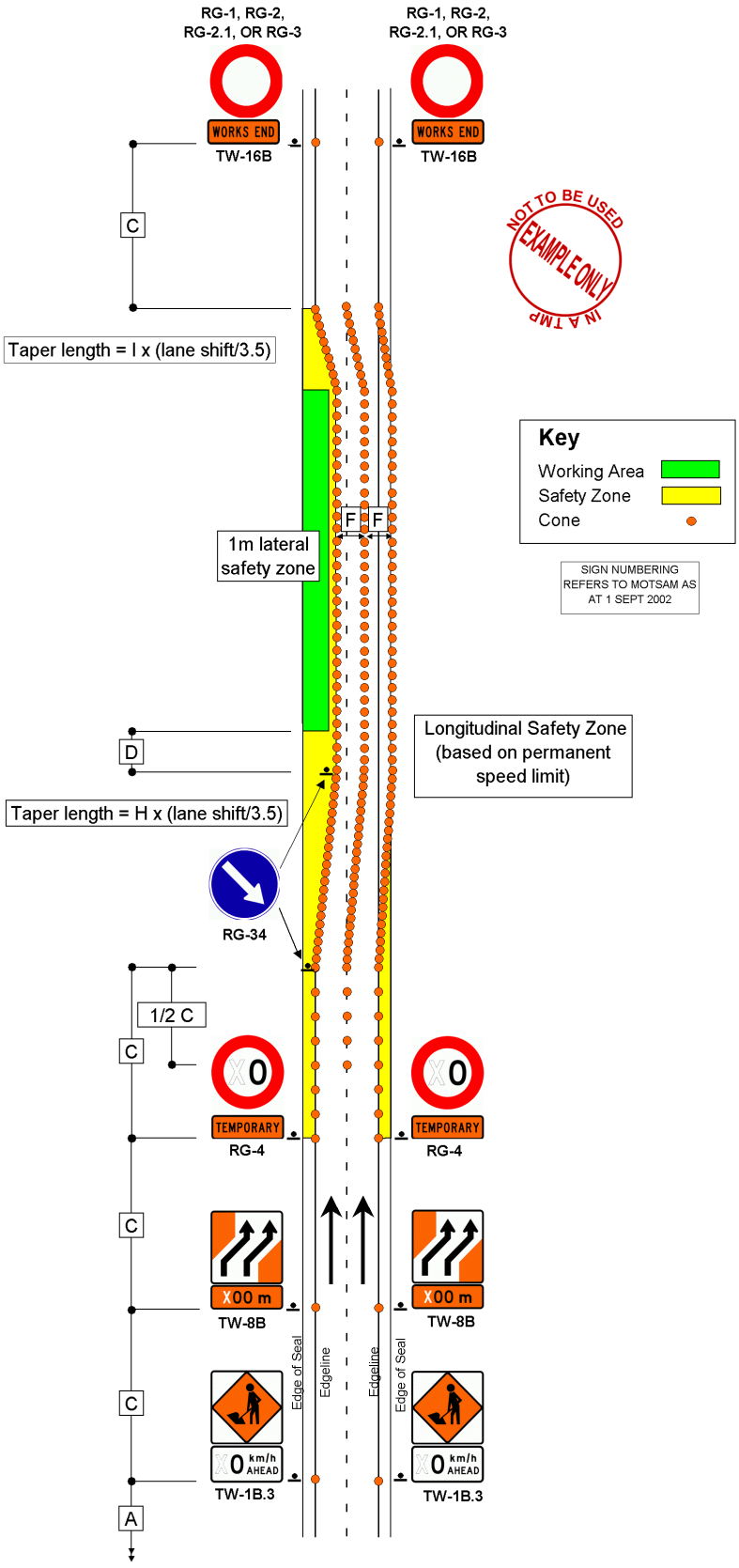
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

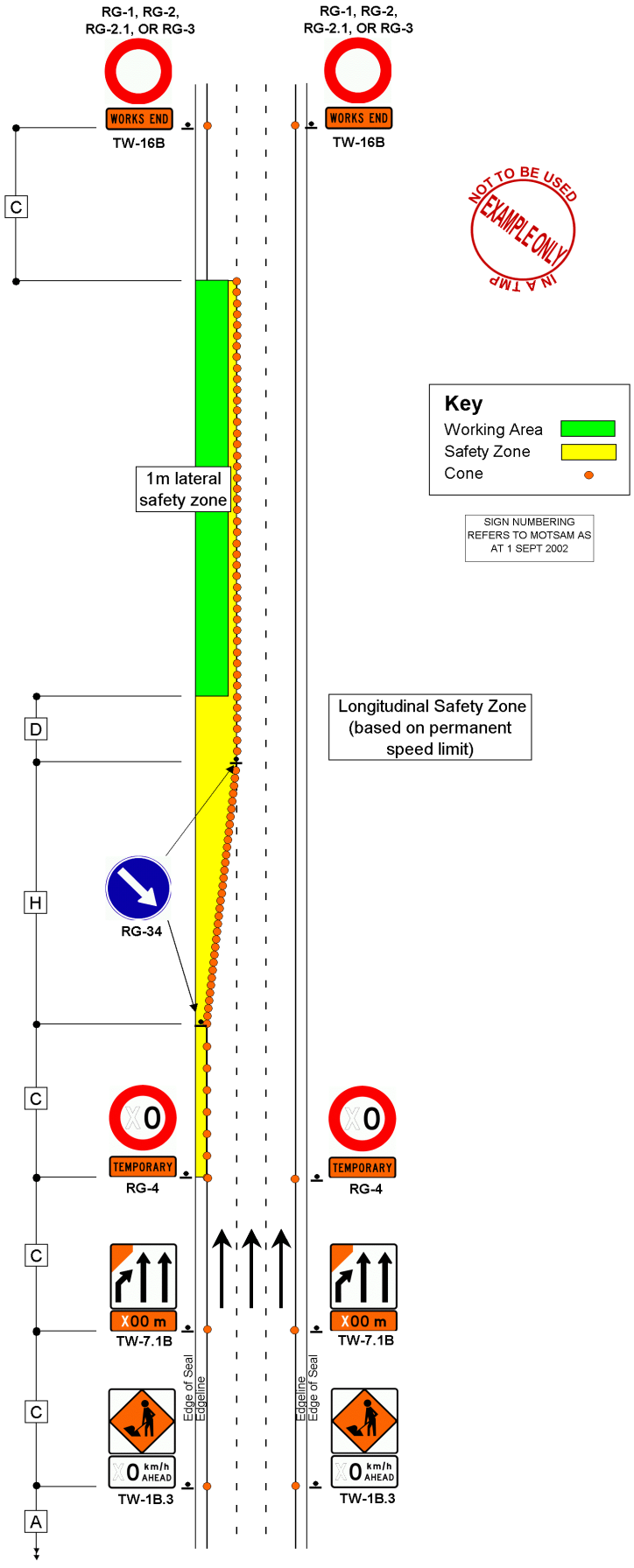
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

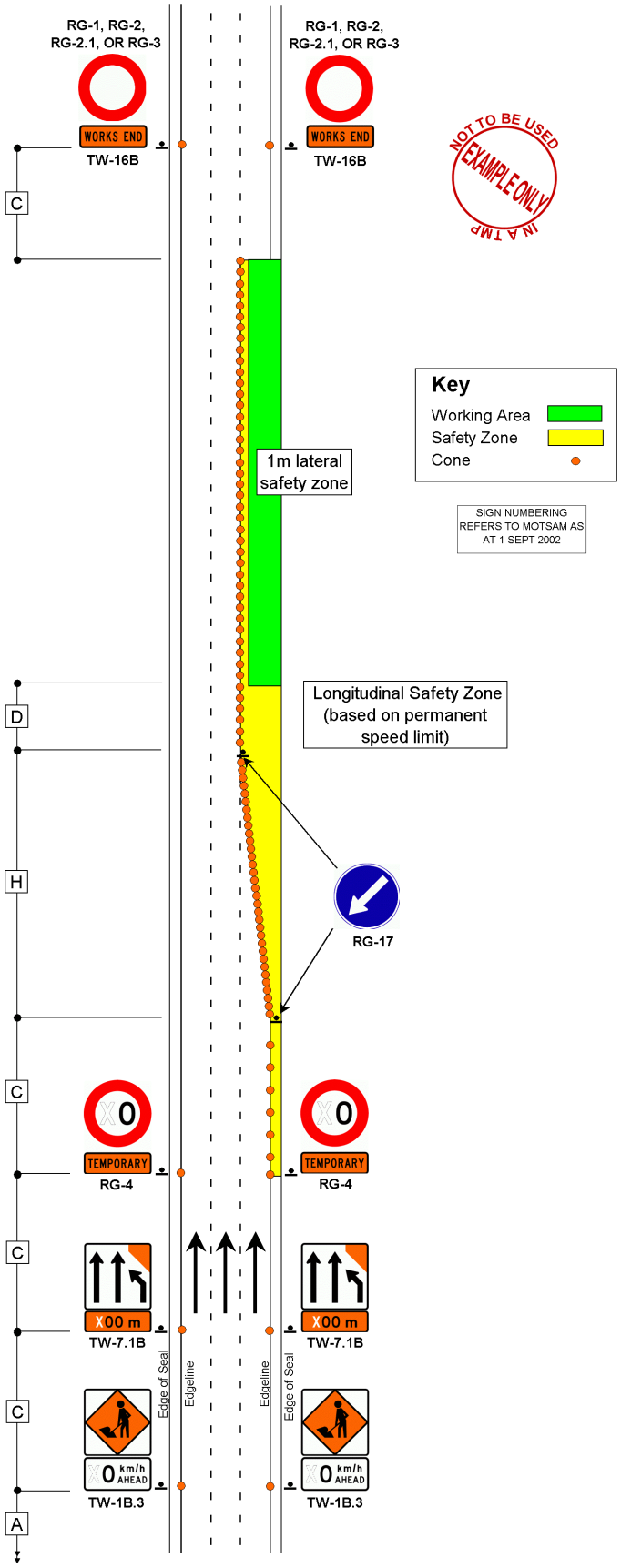
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

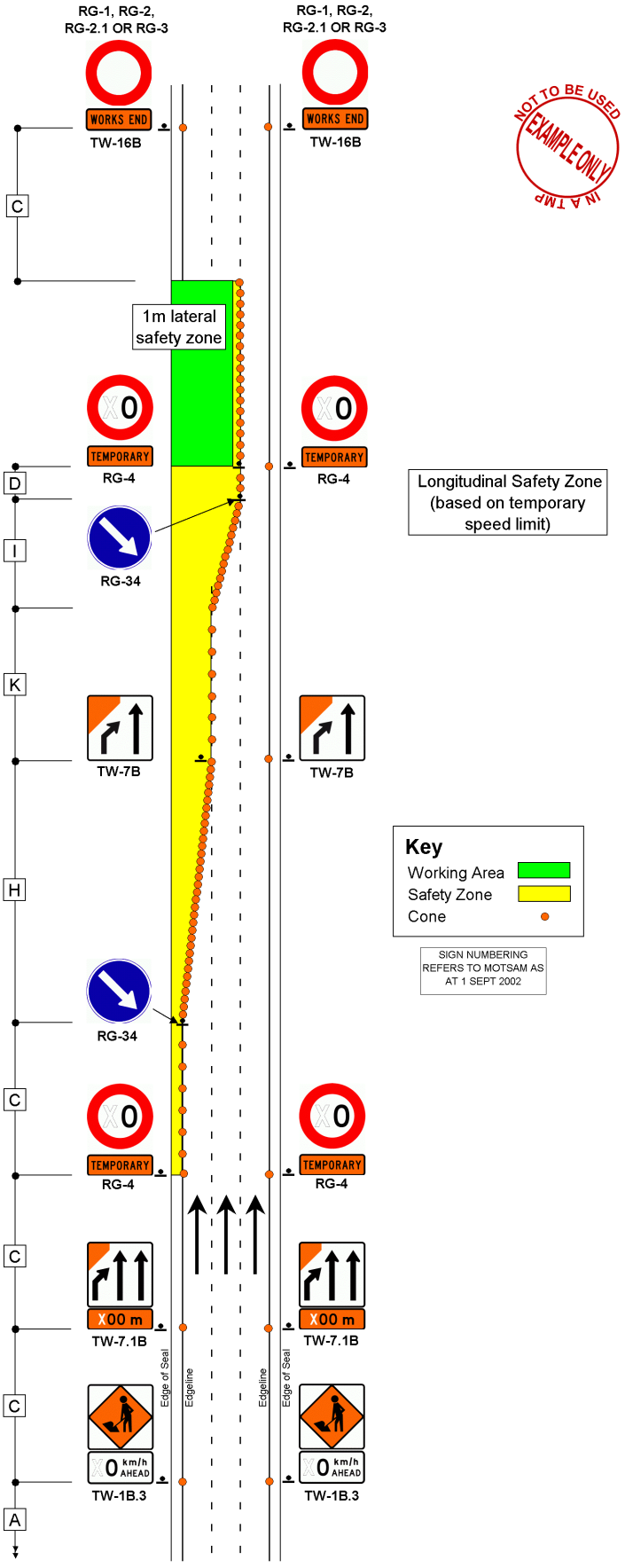
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

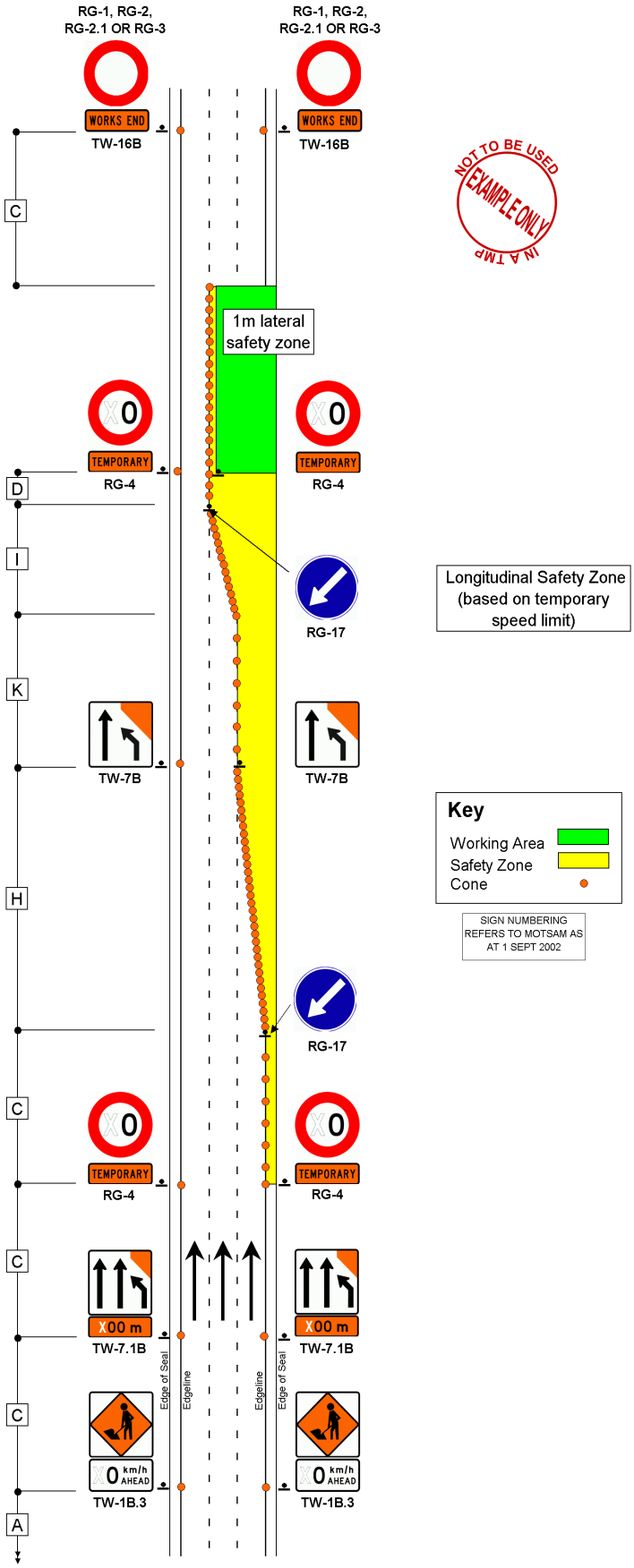
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

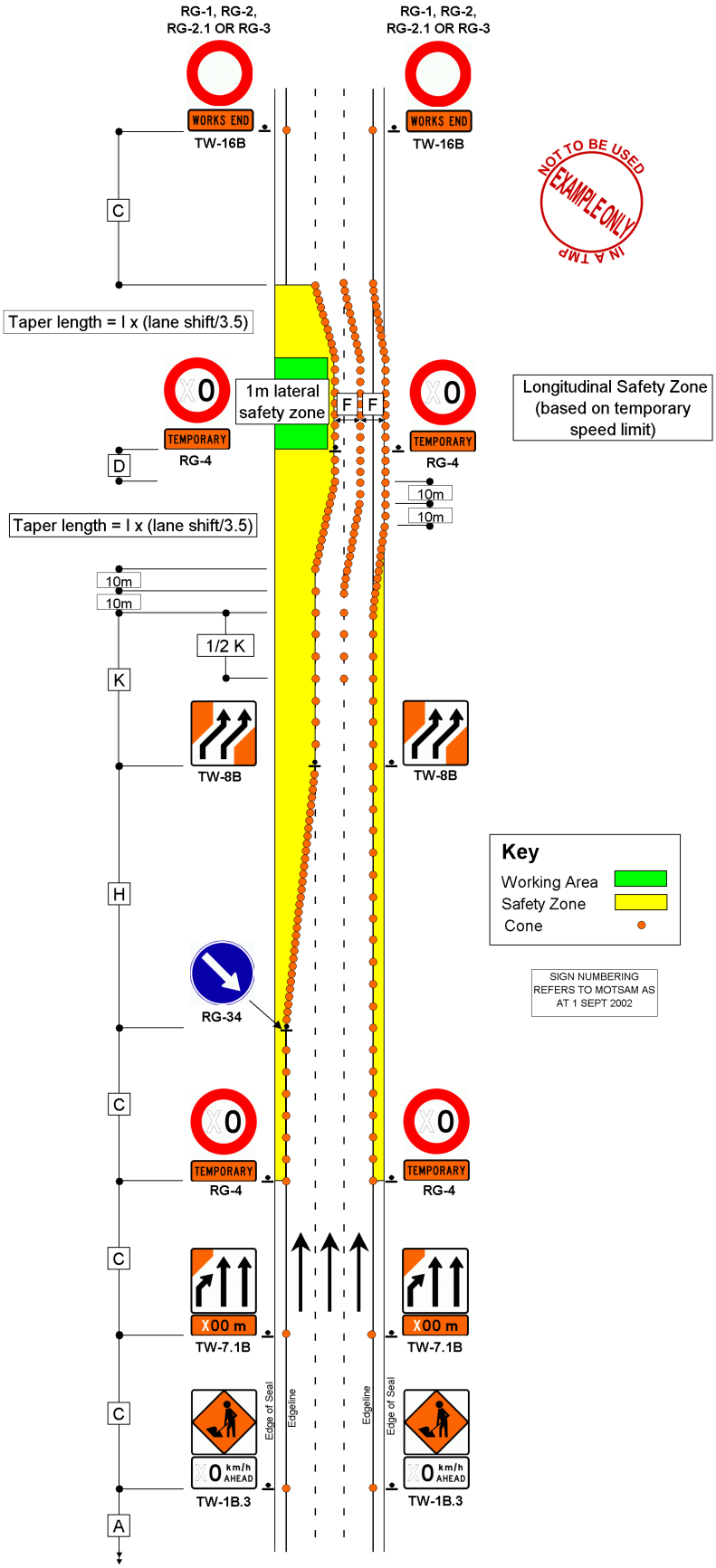
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

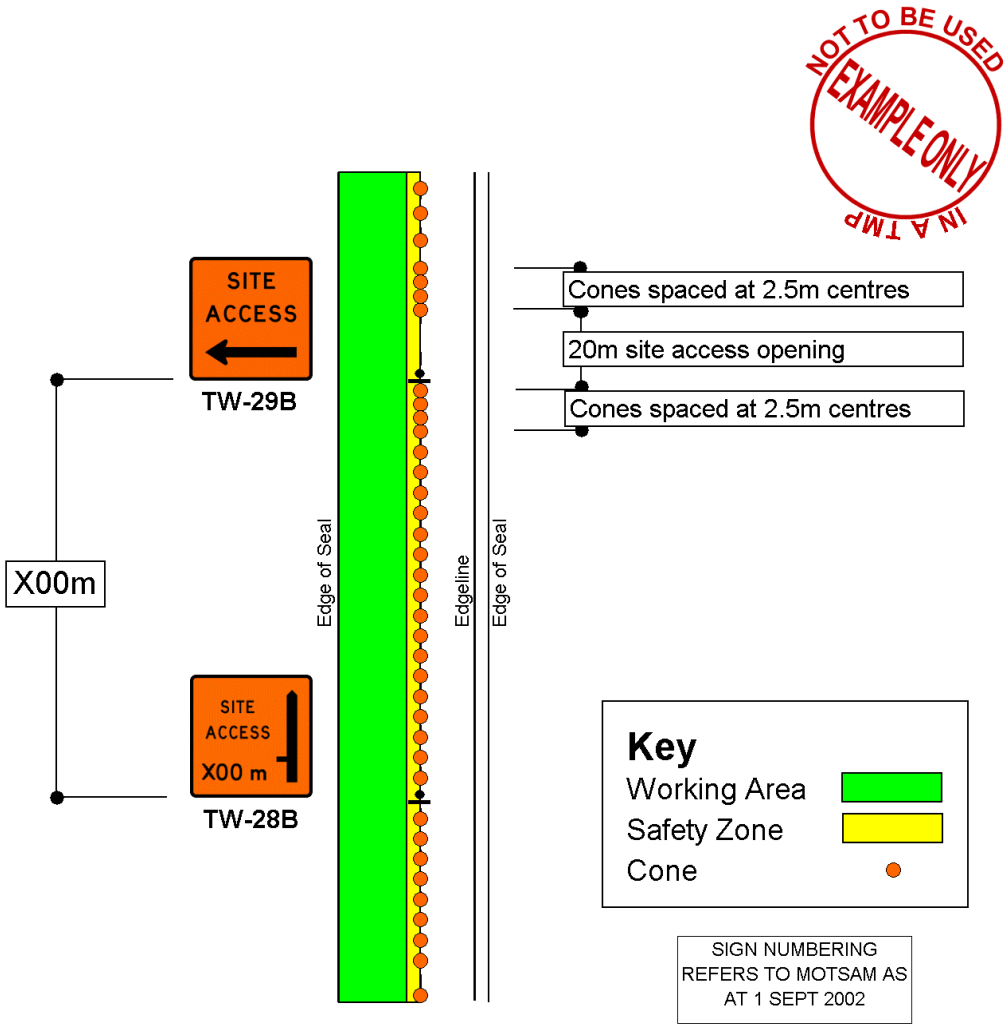
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



F1.23: DIVIDED or ONE-WAY LEVEL 2 ROAD
Site Access

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

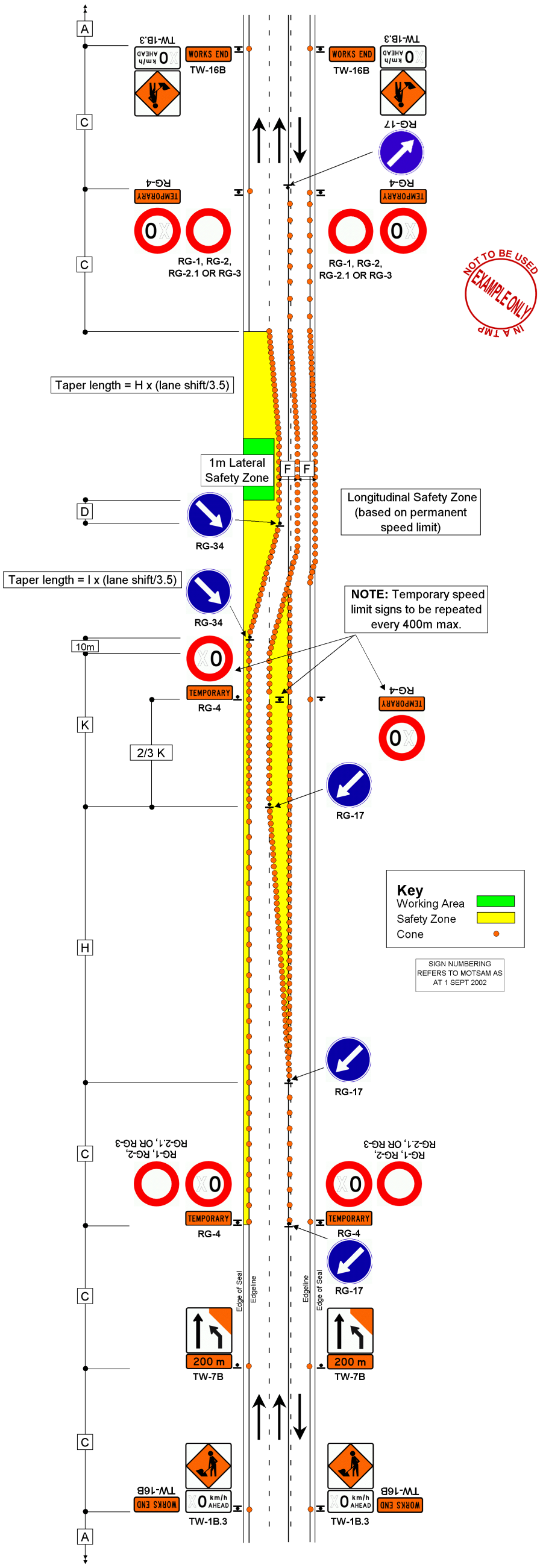
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

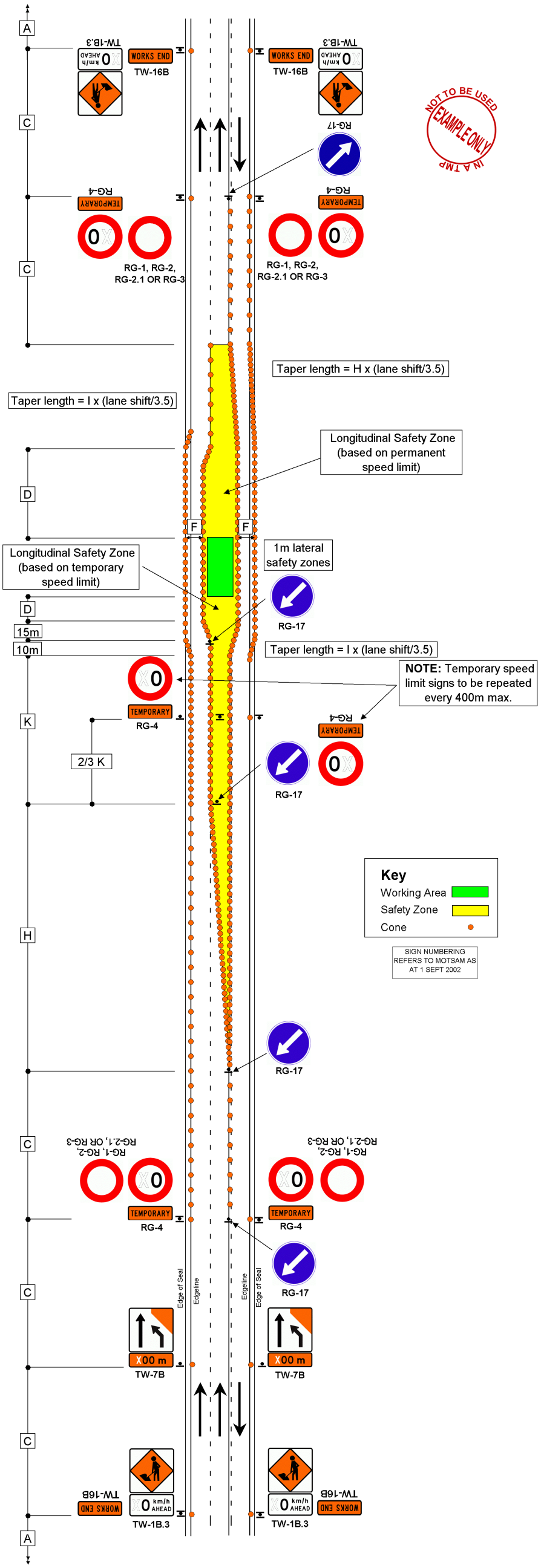
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

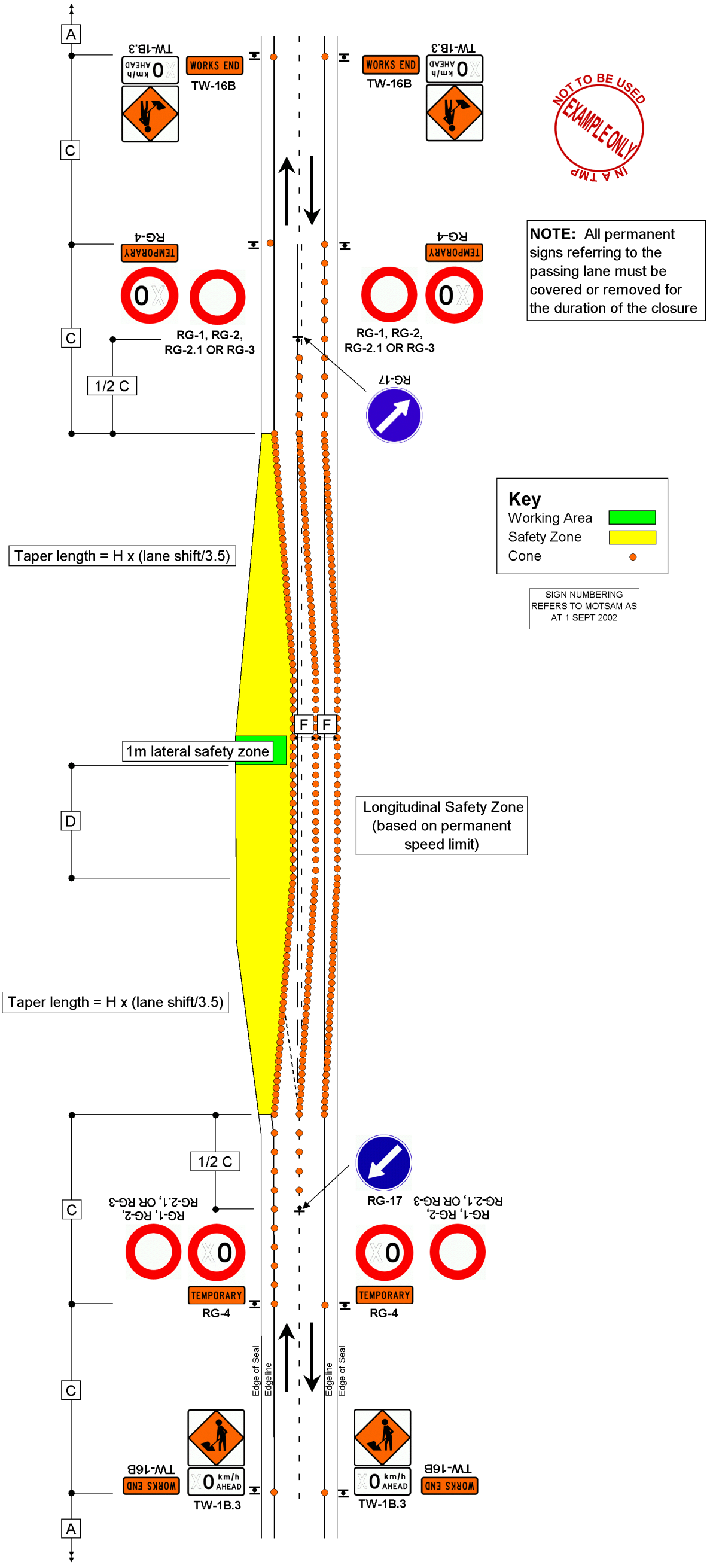
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

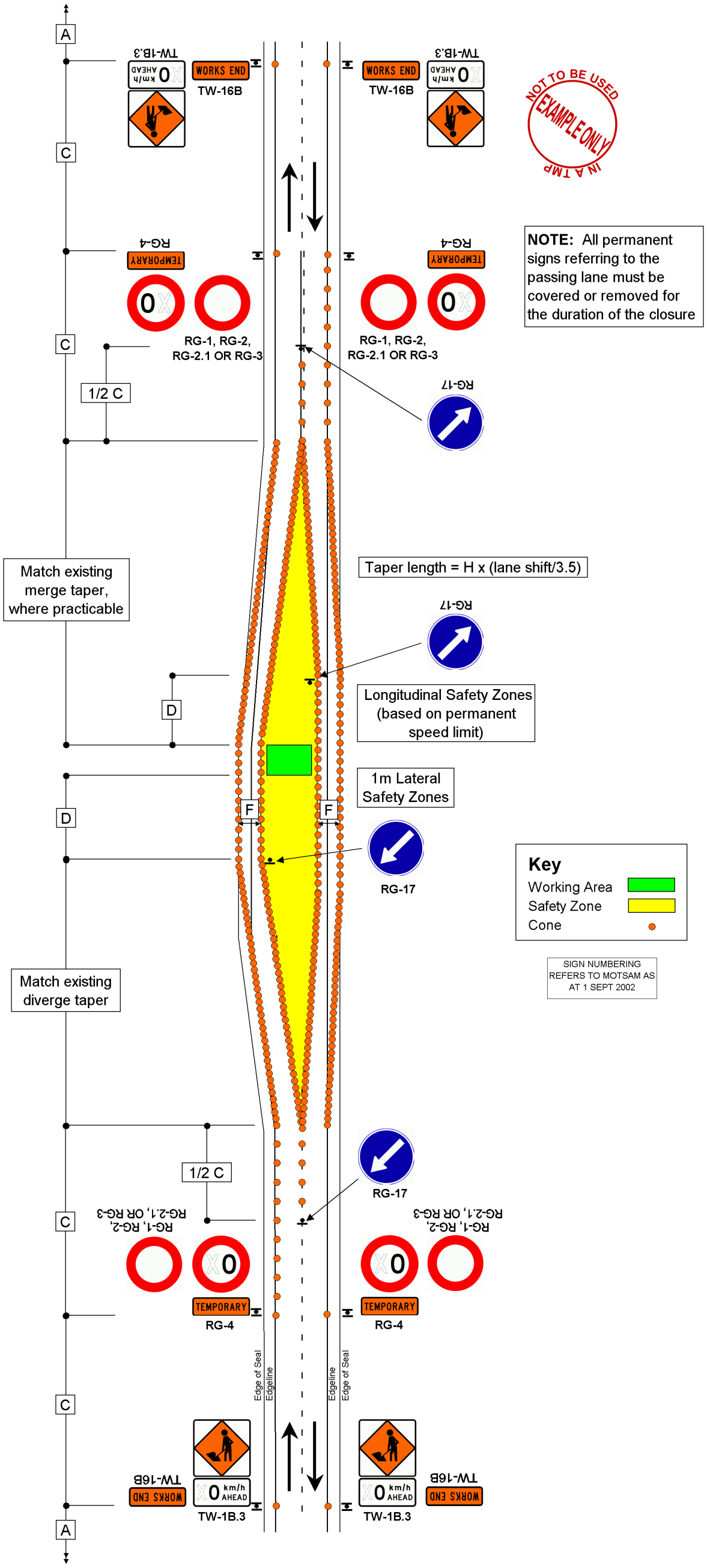
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

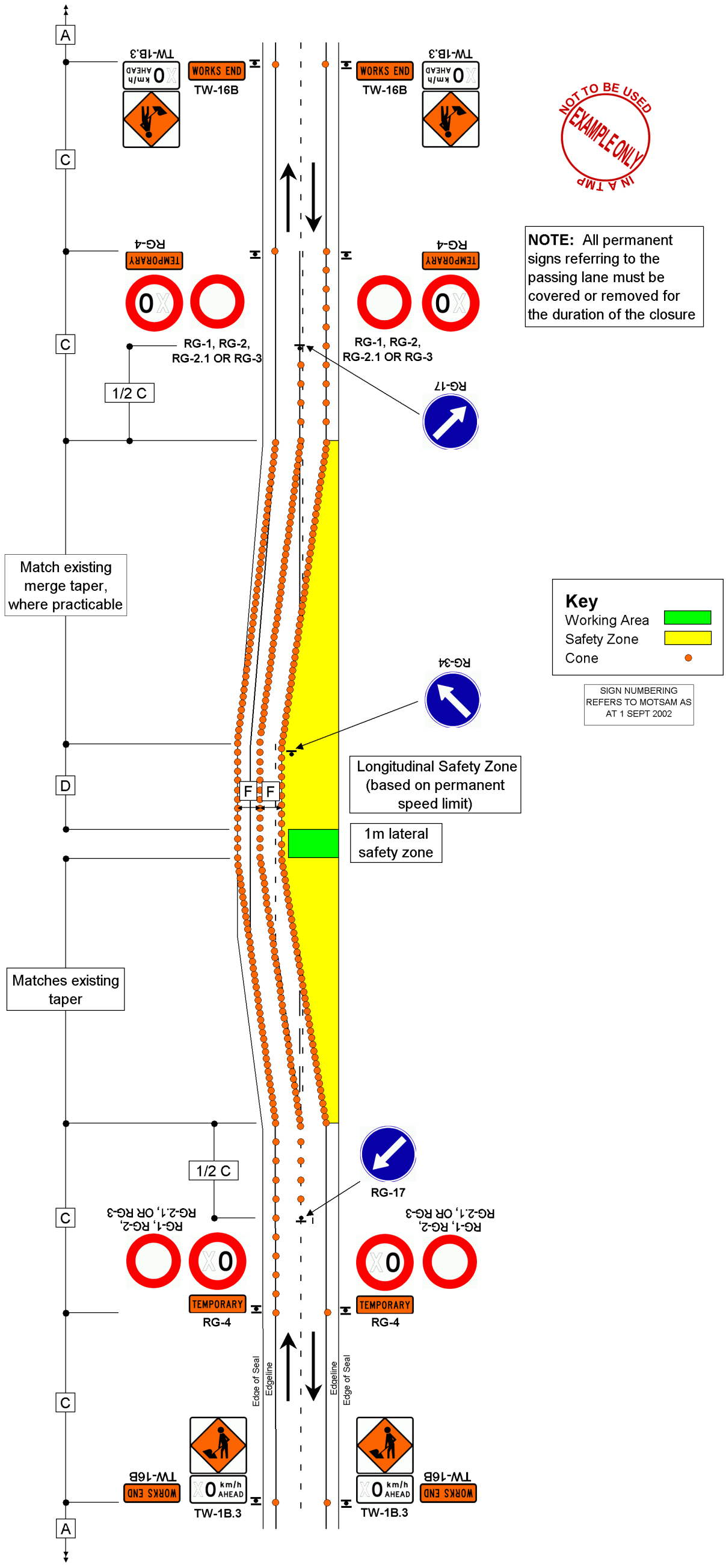
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



NOTE: All permanent signs referring to the passing lane must be covered or removed for the duration of the closure

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

Permanent Speed Limit		≤ 50 km/h	60 km/h	70 km/h	80 km/h	100 km/h
		m	m	m	m	m
Traffic 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 recommended by manufacturers				
Tapers						
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
Delineation Devices						
Spacing	**ALL** Tapers	2.5	2.5	2.5	2.5	2.5
	Approaches, between Tapers and around the Working Space	5	5	10	10	10
	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		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

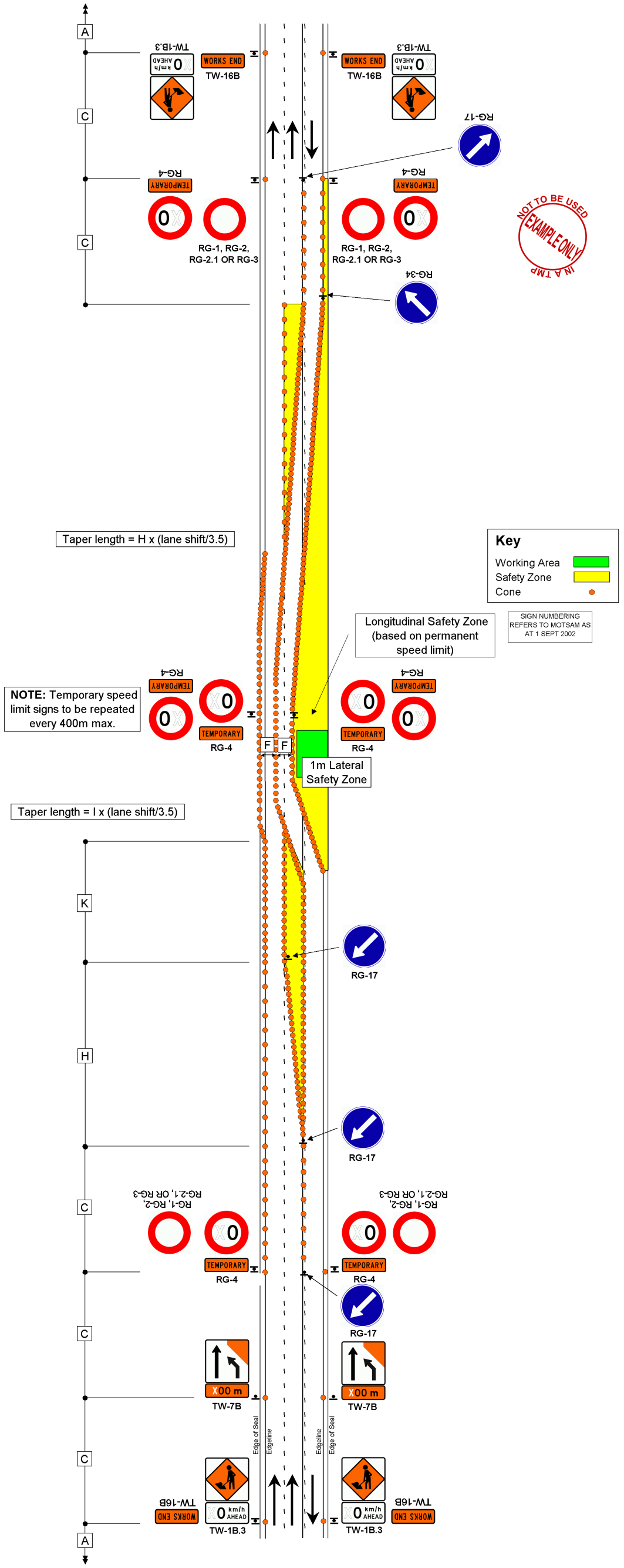
❖ Where only one sign is erected in advance of the start of a cone taper the distance from the sign to the start of the taper must be 2C.

Minimum Lane Widths

Permanent/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

Where the traffic flow contains a high proportion of heavy vehicles wider lanes may be required for efficient traffic operation. Lane widths should, however, never be greater than 4m.



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