

Table G Decision Matrix: Typical Layouts

Roadway and Temporary Condition Configuration	Duration of Work			
	Mobile	VSD	SD	Long
Two Lane Road				
Shoulder work	TL-5		TL-6	
Lane encroachment - remaining lane width 3m or greater	TL-7		TL-8	
Partial lane shift - remaining lane width less than 3m			TL-9	
Partial lane shift - remaining lane width less than 3m - with Parking lane			TL-10	
Lane closed or occupied by mobile operations	TL-18			
Lane closed - low volume - yield to oncoming traffic		TL-19		
Lane closed - Traffic Control Persons (TCPs)		TL-20A	TL-20A or 20B	TL-20B
Lane closed - Automated Flagger Assistance Device (AFAD)			TL-20C	
Lane closed - Portable Lane Control Signals (PLCS)			TL-21	
Detour - roadway diversion			TL-40	
Detour - direct to use alternative roads			TL-42(i) & TL-42(ii)	
Multi-Lane Road - NON Freeway				
Shoulder or median work	TL-5		TL-6	
Lane encroachment - remaining lane width 3 m or greater	TL-7		TL-14	
Lane encroachment - narrow lanes				TL-17
One Lane Closed:				
Parking lane closed		TL-16		
Right or left lane closed (divided rd), right lane closed (undivided rd)	TL-22		TL-23	
Left lane closed on undivided road or where no shoulder	TL-25		TL-26	
Centre 2 way left turn lane closed		TL-30		
Three-lane road or Passing/Truck Climbing lane present - single lane direction closed	TL-18		TL-31	
Three-lane road or Passing/Truck Climbing lane present - two lane direction, right lane closed	TL-22		TL-23	
Three-lane road or Passing/Truck Climbing lane present - two lane direction, centre lane closed	TL-25		TL-32	
Three through lanes, centre lane closed			TL-37	
Two Lanes Closed:				
Four-lane road, two through lanes closed (undivided)			TL-33	
Three or Five-lane road with centre 2 way turn lane, two through lanes closed			TL-35	
Three or Five-lane road, Centre 2 way left-turn lane & left through lane closed			TL-36	
Six-lane road, two lanes closed			TL-37	
Lane realignment				TL-41
Detour - direct to use alternative roads			TL-42(i) & TL-42(ii)	

Roadway and Temporary Condition Configuration	Duration of Work			
	Mobile	VSD	SD	Long
Multi-Lane Road - Freeway				
Shoulder or median work		TL-11		TL-12
Lane encroachment - narrow lanes				TL-17
One lane closed - right or left lane with shoulder	TL-27	TL-28		TL-29
One lane closed - three lane direction, centre lane closed				TL-38
Two lanes closed - six-lane road				TL-38
Lane realignment				TL-41
Ramps				
Lane closed at exit ramp				TL-43
Lane closed at entrance ramp				TL-44
Ramp closed				TL-45
Intersections				
Two Lane Road:				
Near-side lane closed (TCP or detour)		TL-46	TL-46 or 47	TL-47
Far-side lane closed (TCP or detour)		TL-48	TL-48 or 49	TL-49
Work in intersection (TCP)		TL-50	TL-47 or 50	TL-47
Multi-Lane Road:				
Near-side through lane closed				TL-51
Near-side right-turn lane closed				TL-52
Near-side left-turn lane closed				TL-53
Near-side right-turn lane open and adjacent through lane closed				TL-54
Near-side left-turn lane open and adjacent through lane closed				TL-55
Near-side right-turn lane and adjacent through lane closed				TL-56
Near-side left-turn lane and adjacent through lane closed				TL-57
Work in intersection - right lane closed				TL-58
Work in intersection - left lane closed				TL-59
Work in intersection - two lanes closed				TL-60A or TL-60B
Far-side through lane closed				TL-61
Far-side right lane closed, near-side right-turn lane open				TL-62
Far-side left lane closed, near-side left-turn lane open				TL-63

Roadway and Temporary Condition Configuration	Duration of Work				
	Mobile	VSD	SD	Long	
Intersections - Roundabouts					
Single Lane Roundabout:					
Encroachment		TL-85			
Lane closed or occupied mobile	TL-18				
Quadrant closed (Traffic Control Person)			TL-86		
Exit closed - detour			TL-87		
Multi-Lane Roundabout:					
Encroachment		TL-85			
Lane closed or occupied mobile	TL-18				
Inside lane closed		TL-88	TL-89		
Outside lane closed		TL-90	TL-91		
Outside lane closed at island or left exit lane closed		TL-92	TL-93		
Exit closed - detour			TL-87		
Type of Activity		Duration of Work			
		Mobile	VSD	SD	Long
Designated Construction Zone Signing					
Two lane road				TL-1	
Multi-lane road				TL-2	
Reduced Speed Zone Signing					
Two lane road			TL-3		
Multi-lane road			TL-4		
Pedestrian Accommodation					
Mid-block location -sidewalk detour onto roadway			TL-64		
Approaching Intersection - sidewalk detour onto roadway			TL-65		
Vehicle encroachment onto road/sidewalk			TL-66		
Zone Painting					
Two lane road - non-coning paint	TL-67				
Multi-lane road - non-coning paint	TL-68				
Intersections:					
Turn arrows		TL-69			
Stop-lines and crosswalks		TL-70			
Left lanes closed		TL-71			
Right lanes closed		TL-72			

Type of Activity	Duration of Work			
	Mobile	VSD	SD	Long
Intermittent work (including pre-engineering and survey operations)				
Within R.O.W. - no work on shoulder or in live lane	No Traffic Control Required			
Within R.O.W., including on shoulder - duration equals continuous or total of intermittent work on shoulder				
Two lane road		TL-5	TL-6	
Multi-lane non freeway		TL-5	TL-6	
Multi-lane freeway		TL-11	TL-12	
Within R.O.W., including intermittent momentary work in live lane*- duration equals continuous or total of intermittent work on shoulder				
Two lane road		TL-73B		
Multi-lane non freeway		TL-76		
Multi-lane freeway		TL-28	TL-29	
Intersections		TL-74		
Within R.O.W., including live lane - duration equals continuous or total of intermittent momentary work in live lane*				
Two lane road		TL-19 or TL-20A		
Multi-lane non freeway		TL-22 or 25	TL-23 or 26	
Multi-lane freeway		TL-28	TL-29	
Intersections		see intersections		
Setup and Removal				
Set up of Freeway Lane Closures	See section 4.2.1			
Removal of Freeway Lane Closures	See section 4.2.2			

*When a technician is intermittently and MOMENTARLY (NOT CONTINUOUSLY) on the travelled lanes of the roadway the Typical Layouts TL-73B, TL-74, TL-76 can ONLY be used if sight lines in both directions exceed 250m where NPRS is greater than 80km/h, 200m where the NPRS is between 60km/h and 80km/h or 150m where the NPRS is 60km/h or less.