

June, 2003

## NW Region CTCO Traffic Control Plan Requirements – Check-off Sheet

The following items will assist in providing a faster review. Traffic Control Plans need to be site specific.

1. \_\_\_\_ Name of project.
2. \_\_\_\_ Name of requester and entity (person and company/division, etc).
3. \_\_\_\_ What type of work? (Such as, subdivision, water line crossing, etc).
4. \_\_\_\_ TCP clearly shows the actual lane configuration (and sidewalks when applicable) and lane and shoulder widths if available.
5. \_\_\_\_ Work Zone locations accurately sketched on TCP, dimensions included. Show sequential arrow signs, TMA or protective vehicle, flaggers, sign locations, etc. in the TCP plans as applicable.
6. \_\_\_\_ Vicinity map with north arrow included.
7. \_\_\_\_ North arrow and scale (or not to scale) on the TCP. Include a legend referencing symbols used on TCP
8. \_\_\_\_ Provide all applicable taper lengths, sign spacing, channelization device spacing and buffer data.
9. \_\_\_\_ Indicate locations of driveways and signalized and non-signalized intersections.
10. \_\_\_\_ Indicate proposed work hours and days and whether work will occur daily or around the clock.
11. \_\_\_\_ List the name, telephone number and e-mail address of the person who prepared the TCP.
12. \_\_\_\_ Indicate posted speed limit and milepost range the work falls within.
13. \_\_\_\_ Open space on the TCP for 'Approval' stamp (2" X 2" +-).
14. \_\_\_\_ Indicate if phasing or staging is required.
15. \_\_\_\_ Show all streets within sign limits shown and named.
16. \_\_\_\_ Address pedestrian, bicycle and ADA traffic through Work Zone.
17. \_\_\_\_ Address protection of drop-offs and abrupt edges per Standard Specifications.
18. \_\_\_\_ Show any removal of permanent striping or permanent traffic control features.
19. \_\_\_\_ List the name, 24 hour telephone number, and the e-mail address of the Owner's or Contractor's Traffic Control Supervisor.

**(See backside of this page for tables and references)**

References: (<http://www.wsdot.wa.gov/fasc/EngineeringPublications/library.htm>)

WSDOT Standard Specifications – M41-10

WSDOT Work Zone Traffic Control Guideline – M54-44

MUTCD

MINIMUM TAPER LENGTH = L (FEET)										
LANE WIDTH (FEET)	POSTED SPEED (MPH)									
	25	30	35	40	45	50	55	60	65	70
10'	105	150	205	272	450	500	550	-	-	-
11'	120	167	225	295	495	550	607	660	-	-
12'	128	180	250	321	541	600	662	721	780	840

BUFFER DATA											
BUFFER SPACE = B											
SPEED (MPH)	25	30	35	40	45	50	55	60	65	--	
LENGTH (feet)	55	85	120	170	220	280	335	415	485	--	
PROTECTIVE VEHICLE ROLL AHEAD DISTANCE = R •											
VEHICLE TYPE	TYPICAL VEHICLE LOADED WEIGHT (LBS)	POSTED SPEED (mph)	STATIONARY OPERATION (feet)								
4 YARD DUMP TRUCK	24,000	60-65	100								
		50-55	75								
		45	50								
2 TON CARGO TRUCK	15,000	60-65	150								
		50-55	100								
		45	75								
1 TON CARGO TRUCK	10,000	60-65	200								
		50-55	150								
		45	100								
ROLL AHEAD STOPPING DISTANCE ASSUMES DRY PAVEMENT.											

SIGN SPACING = X (FEET)		
Freeways & Expressways	55/70 MPH	1500'+- (OR AS PER MUTCD)
Rural Roads	45/55 MPH	500'+-
Urban Arterials & Rural Roads	35/40 MPH	350'+-
Rural Roads Urban Streets Residential & Business Districts	25/30 MPH	200'+-

CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40