

LONGITUDINAL BUFFER SPACE = B						
POSTED SPEED (MPH)	25	30	35	40	45	50
LENGTH B (FEET)	155	200	250	305	360	425

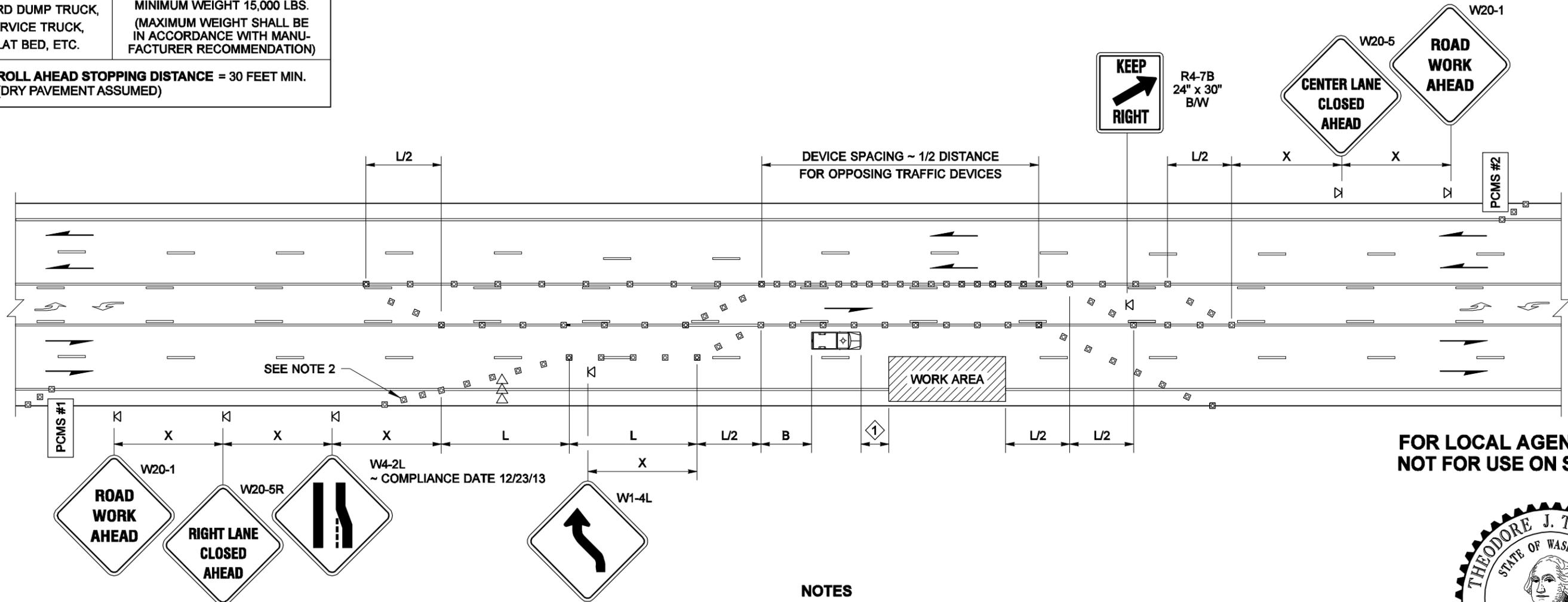
SIGN SPACING = X		
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ±
ALL SIGNS ARE BLACK ON ORANGE UNLESS DESIGNATED OTHERWISE		

MINIMUM TAPER LENGTH = L (FEET)						
LANE WIDTH (FEET)	POSTED SPEED (MPH)					
	25	30	35	40	45	50
10	105	150	205	270	450	500
11	115	165	225	294	495	550
12	125	180	245	320	540	600

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

BUFFER DATA	
TYPICAL PROTECTIVE VEHICLE WITH TMA (SEE NOTE 1)	
VEHICLE TYPE	LOADED WEIGHT
4 YARD DUMP TRUCK, SERVICE TRUCK, FLAT BED, ETC.	MINIMUM WEIGHT 15,000 LBS. (MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION)
1 ROLL AHEAD STOPPING DISTANCE = 30 FEET MIN. (DRY PAVEMENT ASSUMED)	

ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE AT-GRADE INTERSECTIONS AND DRIVEWAYS.



**FOR LOCAL AGENCY USE ONLY
NOT FOR USE ON STATE ROUTES**

PCMS SAMPLE MESSAGE #1	
1	2
LANES CLOSED AHEAD	NO LEFT TURN
1.5 SEC	1.5 SEC

FIELD LOCATE IN ADVANCE OF LANE CLOSURE SIGNING

PCMS SAMPLE MESSAGE #2	
1	2
CENTER LANE CLOSED	NO LEFT TURN
1.5 SEC	1.5 SEC

FIELD LOCATE IN ADVANCE OF LANE CLOSURE SIGNING

LEGEND

- SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE ~ RECOMMENDED
- PORTABLE CHANGEABLE MESSAGE SIGN
- ARROW PANEL

NOTES

- A Protective Vehicle is recommended regardless if a Truck Mounted Attenuator (TMA) is available; a work vehicle may be used. When no TMA is used, the Protective Vehicle shall be strategically located to shield workers, with no specific Roll-Ahead distance.
- Extend device taper (L/3) across shoulder ~ recommended.
- Portable Changeable Message Sign (PCMS) ~ recommended.
- If the lane shift is short and has minimal radius curve (30mph or less) use sign W1-3 in lieu of sign W1-4.
- For signs size refer to Manual on Uniform Traffic Control Devices (MUTCD) and WSDOT Sign Fabrication Manual M55-05.



EXPIRES AUGUST 9, 2007

**LANE SHIFT
ONTO TWO-WAY
LEFT TURN LANE
STANDARD PLAN K-26.20-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Ken L. Smith
STATE DESIGN ENGINEER

02-15-07
DATE



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DRAWING. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.