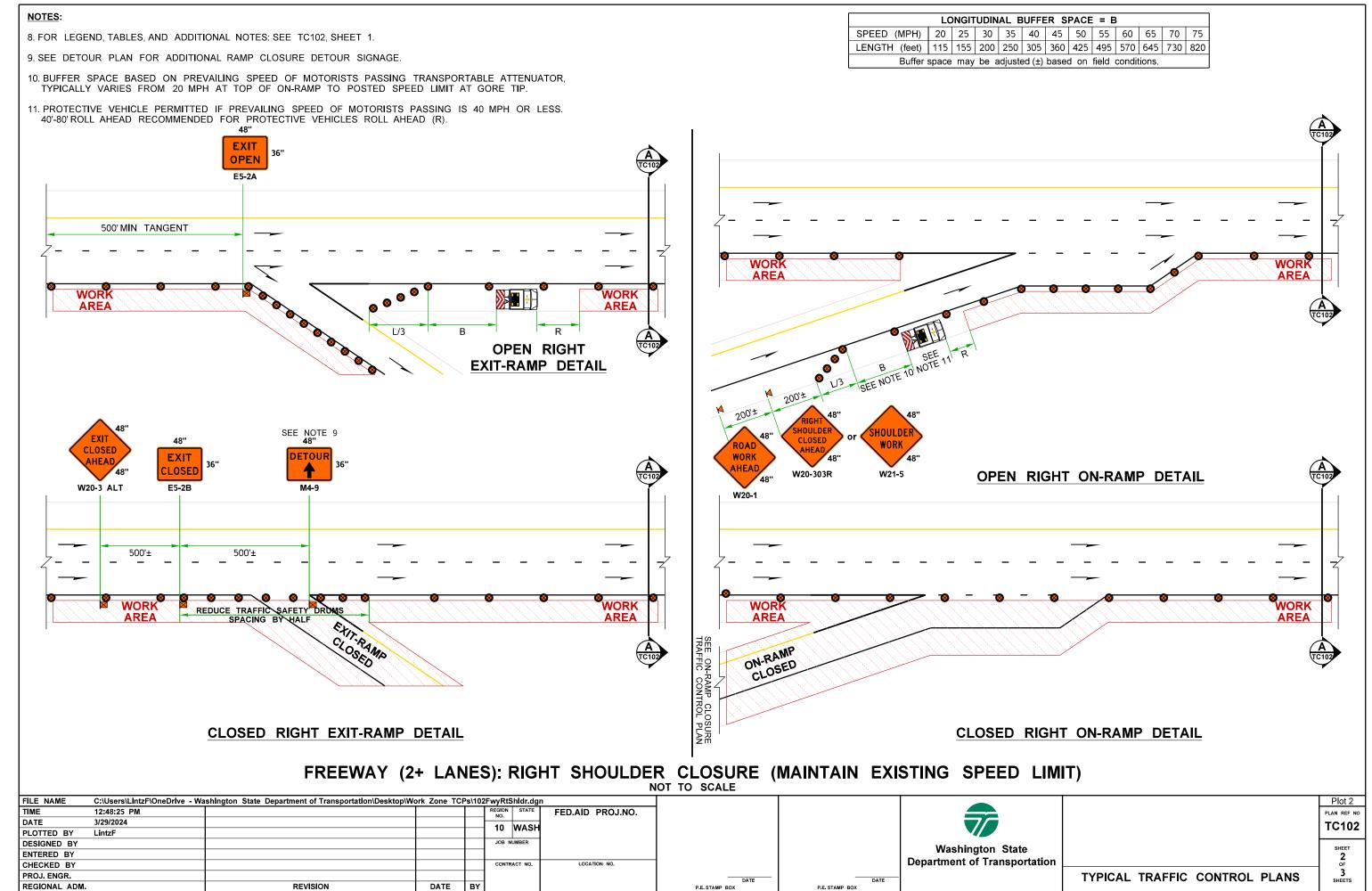


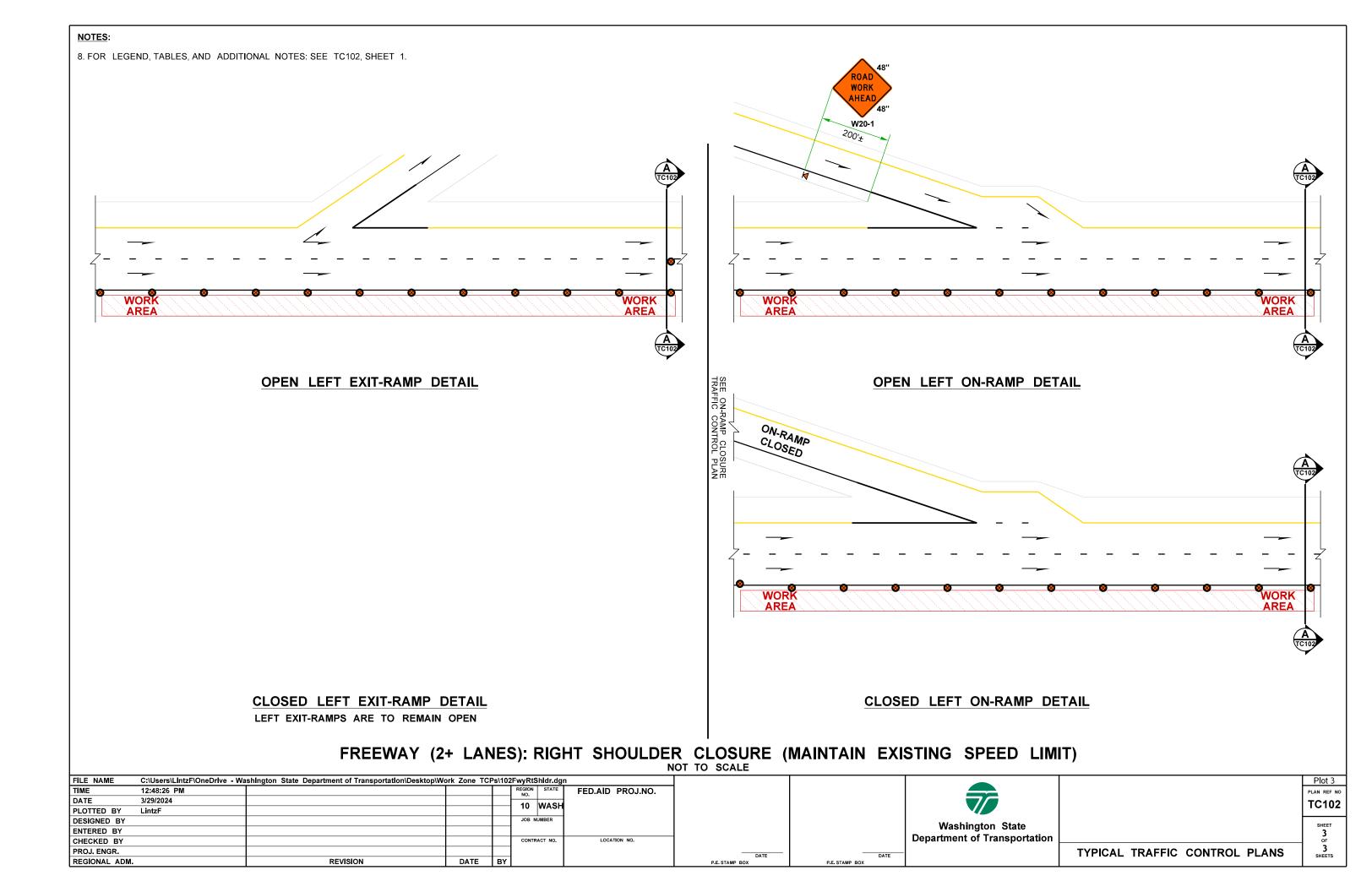
			-										
ER LENGTH = L/3				LC	DNGITU	DINA	L BU	FFER	SPA	CE :	= B		
55	60	65	70	75	SPEED	(MPH)	45	50	55	60	65	70	75
E CLOSURE INSTEAD				B (fe	eet)	360	425	495	570	645	730	820	
160 160 200 200 200 Buffer space may be adjusted (±) based on field conditions						tions.							
200	200	240	240	280									

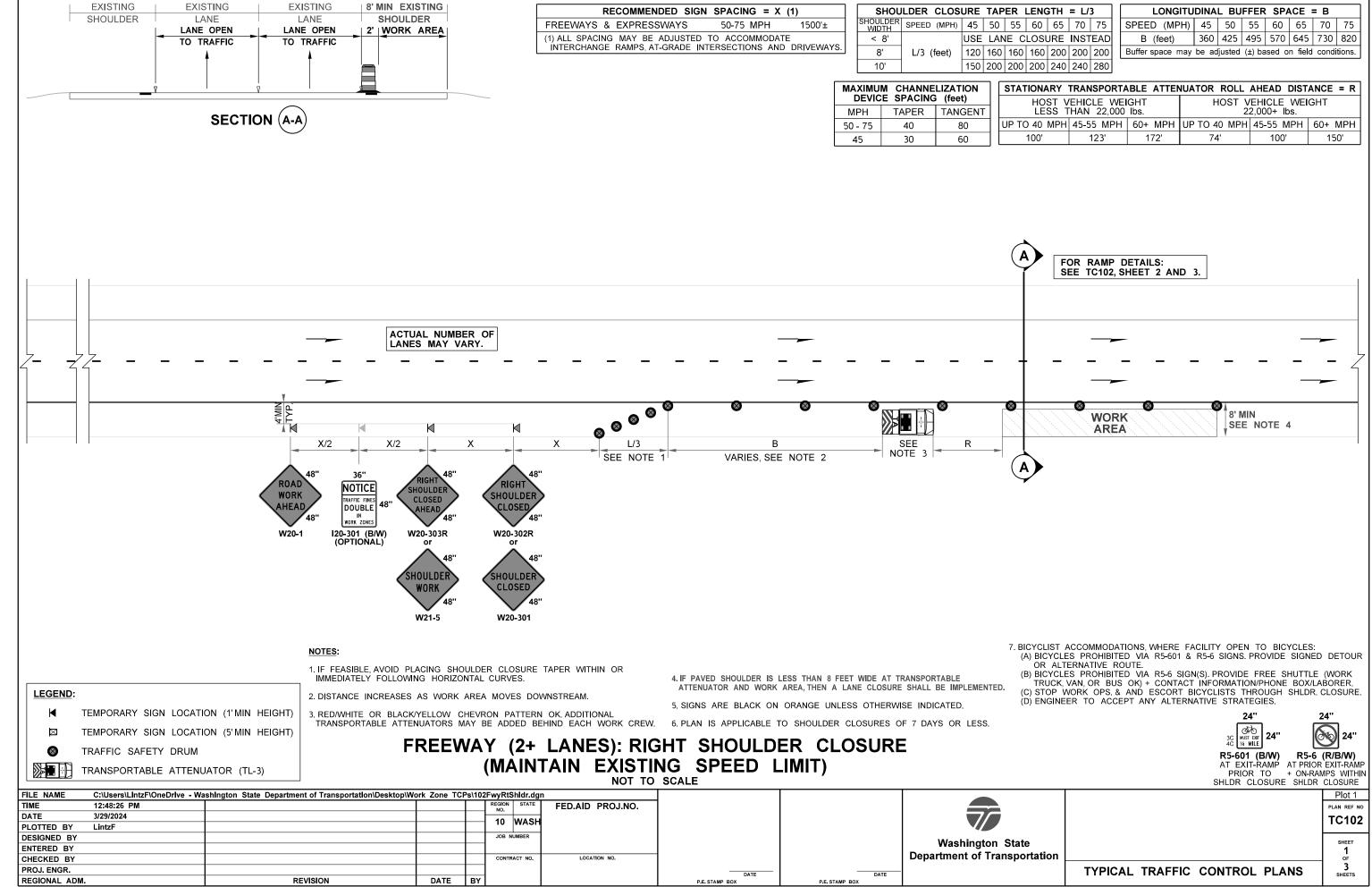
STATIONARY	TRANSPORTA	BLE ATTE	NUATOR ROLL	AHEAD DIST	ANCE = R	
	EHICLE WEI HAN 22,000		HOST VEHICLE WEIGHT 22,000+ lbs.			
JP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH	
100'	123'	172'	74'	100'	150'	

	24 2	
		24"
	AT EXIT-ŘAMÝ AT PRIOR	IPS WITHIN
		Plot 1
		PLAN REF NO
		TC102
State sportation		SHEET 1 OF
-	TYPICAL TRAFFIC CONTROL PLANS	3 SHEETS



P.E. STAMP BOX

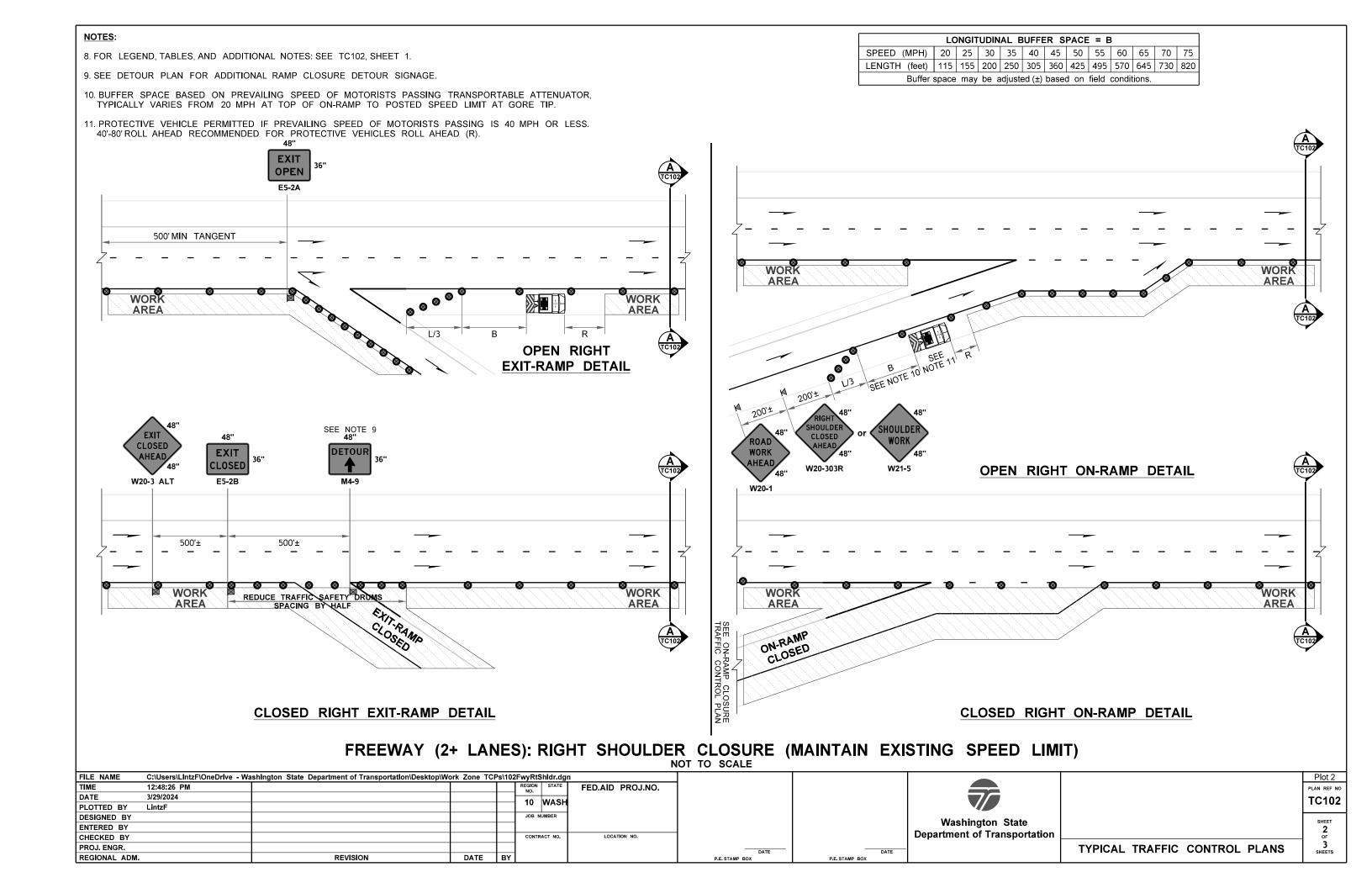


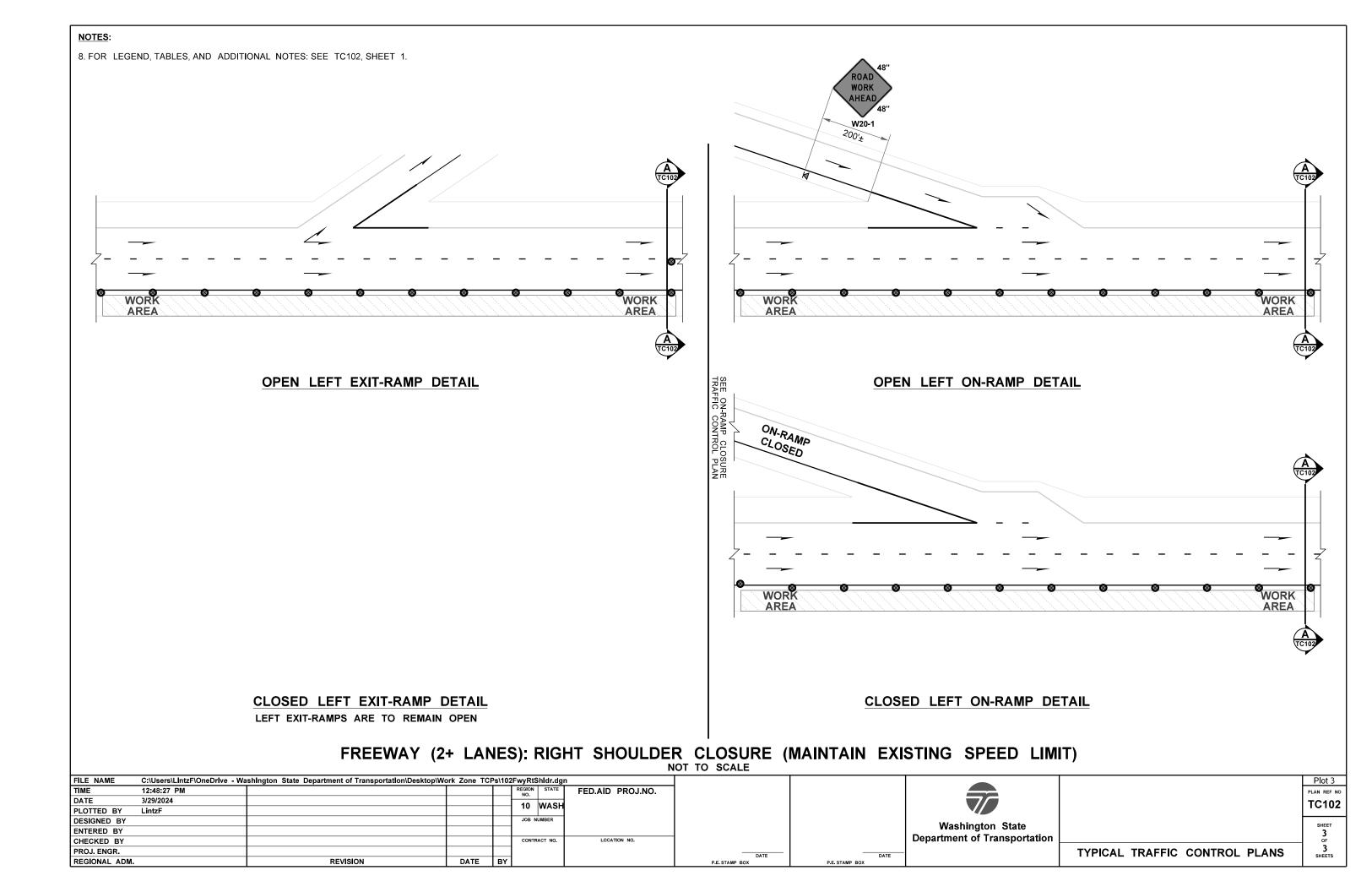


ER LENGTH = $L/3$				3	LONGITU	DINA	L BU	FFER	SP/	ACE :	= B	
55	60	65	70	75	SPEED (MPH)	45	50	55	60	65	70	75
E CLOSURE INSTEAD				EAD	B (feet)	360	425	495	570	645	730	820
160	160 160 200 200 200 Buffer space may be adjusted (±) based on field conditions.							tions.				
200	200	240	240	280								

STATIONARY	TRANSPORTA	BLE ATTEN	NUATOR ROLL	AHEAD DIST	ANCE = R	
	EHICLE WEI HAN 22,000		HOST VEHICLE WEIGHT 22,000+ lbs.			
JP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH	
100'	123'	172'	74'	100'	150'	

	3C WINT PAT 4C WINT PAT 4C WILE R5-601 (B/W) R5-6 AT EXIT-RAMP AT PRIOR	24" 24" (R/B/W) EXIT-RAMP MPS WITHIN CLOSURE
		Plot 1
		PLAN REF NO
		TC102
state sportation		SHEET 1 OF
-	TYPICAL TRAFFIC CONTROL PLANS	3 SHEETS





WORK ZONE MICROSTATION CELLS: Updated work zone cells incorporated (March 2024).

WSDOT CAE automatically updates cell libraries on WSDOT and on-site consultant staff computers (no action needed); however, external users or off-site consultants must manually install them. For additional information e-mail HOCAEHelpDesk@wsdot.wa.gov.

Division 4 in WSDOT Plans Preparation Manual, Section 400.06(29), provides updated work zone cell library policy and information for PS&Es. See https://wsdot.wa.gov/engineering-standards/all-manuals-and-standards/manuals/plans-preparation-manual

PLOT USAGE EXPLANATION:

Plot 1: Right shoulder closure maintaining existing speed limit on freeways.

Plot 2: Right ramp details for right shoulder closure maintaining existing speed limit on freeways.

Plot 3: Left ramp details for right shoulder closure maintaining existing speed limit on freeways.

DESIGNER NOTES:

- Operations standard practices. Typical TCPs are not "Standard Plans".
- Section 6F.60 and Section 6H and are used to supplement signage and inform motorists of unexpected situations.
- additional temporary sign size information.
- Along ramps, 200' +/- sign spacing typical but may be reduced farther.
- E. When positioned behind channelizing devices, temporary signs should be mounted at 5' minimum.

- H. Maximum channelizing device spacing table for tangents is based on WAC 468-95-301 and may ALWAYS be reduced.
- (arrow boards) should not be used.
- component that may be increased/decreased to move lane closure tapers away from horizontal/vertical curves and from on-ramp merges.
- lateral buffer spaces are optional. Actual work area limits may be modified.
- traffic impacts and increase safety.
- standard practice. Recommended to use route-specific detour signage for significant ramp closures.

FREEWAY (2+ LANES): RIGHT SHOULDER CLOSURE (MAINTAIN EXISTING SPEED LIMIT)

A. These typical traffic control plans (Typical TCPs) may be modified for project-specific, site-specific situations, and/or WSDOT Region Transportation

B. Because of the minimal traffic impacts of shoulder closures, Portable Changeable Message Signs (PCMSs) are avoided. PCMSs are optional per MUTCD

C. 48"x48" diamond-shaped work zone signs used on freeway mainlines and ramps. For shoulder closures, temporary signs are only placed on one shoulder (does not need to be gated). If signs are barrier-mounted, a special rectangular-shaped 24"x48" sign should be used. See MUTCD Table 6F-1 for

D. Freeway mainline sign spacing may be reduced down to 1000' +/- based on engineering judgement and down to 500' +/- if near interchanges.

F. Work zone traffic control layout is based on the posted speed limit; for split speed limits (SPEED LIMIT 70 TRUCKS 60), use the higher 70 mph.

G. This Typical TCP uses traffic safety drums on freeway shoulder tapers and tangents. On tangents 42" tall channelizing devices, 36" traffic cones, & 28" traffic cones may be used with Region Transportation Operations acceptance (vertical panel channelizing devices prohibited). Warning lights on channelizing devices being phased out in Washington. Contact Region Transportation Operations for information regarding their standard practices.

I. It is WSDOT standard practice not to use sequential arrow signs (arrow boards) for shoulder closure tapers. Per MUTCD TA-6, sequential arrow signs

J. Longitudinal buffer spaces (B) are optional per MUTCD Section 6C.06 but is desired when practical. Longitudinal buffers are the most adjustable

K. The lateral buffer (transverse distance between adjacent open travel lane & work area) is typically 2 feet on freeways but may be reduced to 1-foot on shoulder closures when more lateral work space is needed (change traffic safety drums to either 42-inch tall channelization devices, 36-inch traffic cones, or 28-inch traffi cones). Note the paved shoulder still needs to be at least 8 feet wide for shoulder closures on freeways. Per MUTCD Section 6C.06 P14,

L. Per MUTCD TA-6, the downstream taper not used. Eliminating it allows construction vehicles to accelerate out of work area into reopened lane to minimize

M. Ramp detour signage is recommended by MUTCD 6C.09, but using alternative routes is acceptable. Contact Region Transportation Operations for their

DESIGNER GUIDANCE	
DO NOT INCLUDE THIS SHEET IN CONTRACT PS&Es or TCP SUBMITTALs.	TC102
INFORMATIONAL USE ONLY	Plot 4