

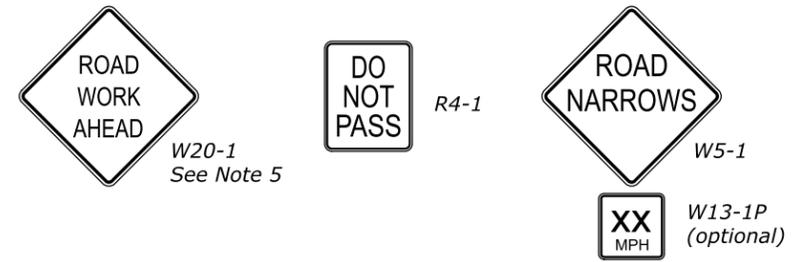
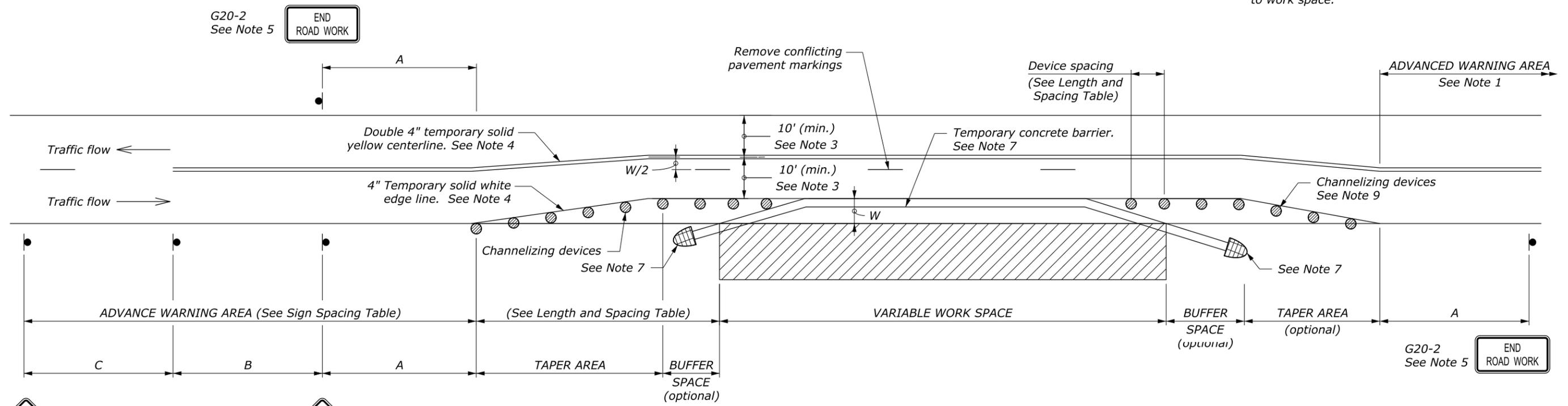
LENGTH AND SPACING TABLE						
APPROACH SPEED*	MINIMUM TAPER LENGTH	BUFFER SPACE LENGTH	CHANNELIZING DEVICE			WORK ZONE CLEAR ZONE WIDTH
			TAPER AREA	BUFFER SPACE	WORK SPACE	
MPH	FEET	FEET	SPACING IN FEET			FEET
20	Shifting taper formula: $L = \frac{WS^2}{120}$ for $S \leq 40$ MPH $L = \frac{WS}{2}$ for $S \geq 45$ MPH Where: L = Minimum length of taper W = Width of offset in feet S = Numerical value of posted speed limit or 85 percentile speed prior to work in miles per hour	115	20	40	40	10
25		155	25	50	50	10
30		200	30	60	60	10
35		250	35	70	70	10
40		305	40	80	80	15
45		360	45	90	90	20
50		425	50	100	100	20
55		495	55	110	110	20
60		570	60	120	120	30
65		645	65	130	130	30
70	730	70	140	140	30	

* Approach speed based on the regulatory posted speed, not the advisory speed.

SIGN SPACING TABLE			
ROAD TYPE	DISTANCE BETWEEN SIGNS IN FEET		
	A	B	C
Urban and Rural 30 MPH and less	100	100	100
Urban and Rural 35 MPH to 50 MPH	350	350	350
Rural greater than 50 MPH	500	500	500
Expressway / Freeway	1000	1500	2640

NOTES:

1. Signs are shown for one direction of travel only. Place signs similar to those depicted for the opposite direction of travel.
2. Final location and spacing of traffic control devices may be changed to fit field conditions as approved by the CO.
3. Use minimum width shown unless otherwise specified in Section 156.
4. If the roadway surface is paved, install temporary pavement markings. If nearest no-passing zone is within 400 feet, extend markings to connect zones.
5. If closure is completely within the project limits, eliminate the "ROAD WORK AHEAD" (W20-1) and "END ROAD WORK" (G20-2) signs.
6. Install "PASS WITH CARE" sign (R4-2) at ends of no-passing zone if directed by the CO.
7. Place barrier according to the AASHTO Roadside Design Guide. Terminate barrier ends outside the work zone clear zone or protect the barrier ends with a crash cushion. Place reflectors on barrier at 25-foot intervals.
8. Do not allow equipment, materials, or vehicles to be parked or stored in the buffer space.
9. Reduce or eliminate channelizing devices in downstream taper if necessary to provide access to work space.



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

EFLHD DETAIL
**TEMPORARY TRAFFIC CONTROL
PART LANE WIDTH AND
SHOULDER CLOSURE LAYOUT
(WITH TEMPORARY BARRIER)**

STANDARD APPROVED FOR USE 6/2005
REVISED: 6/2015 3/2016 9/2019 9/2020

DETAIL
ET 635-12

NO SCALE