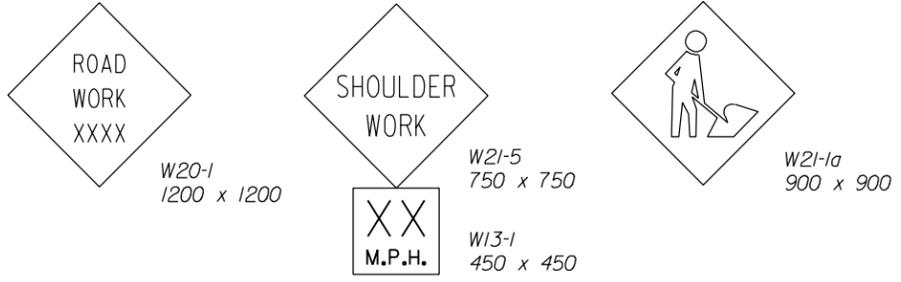
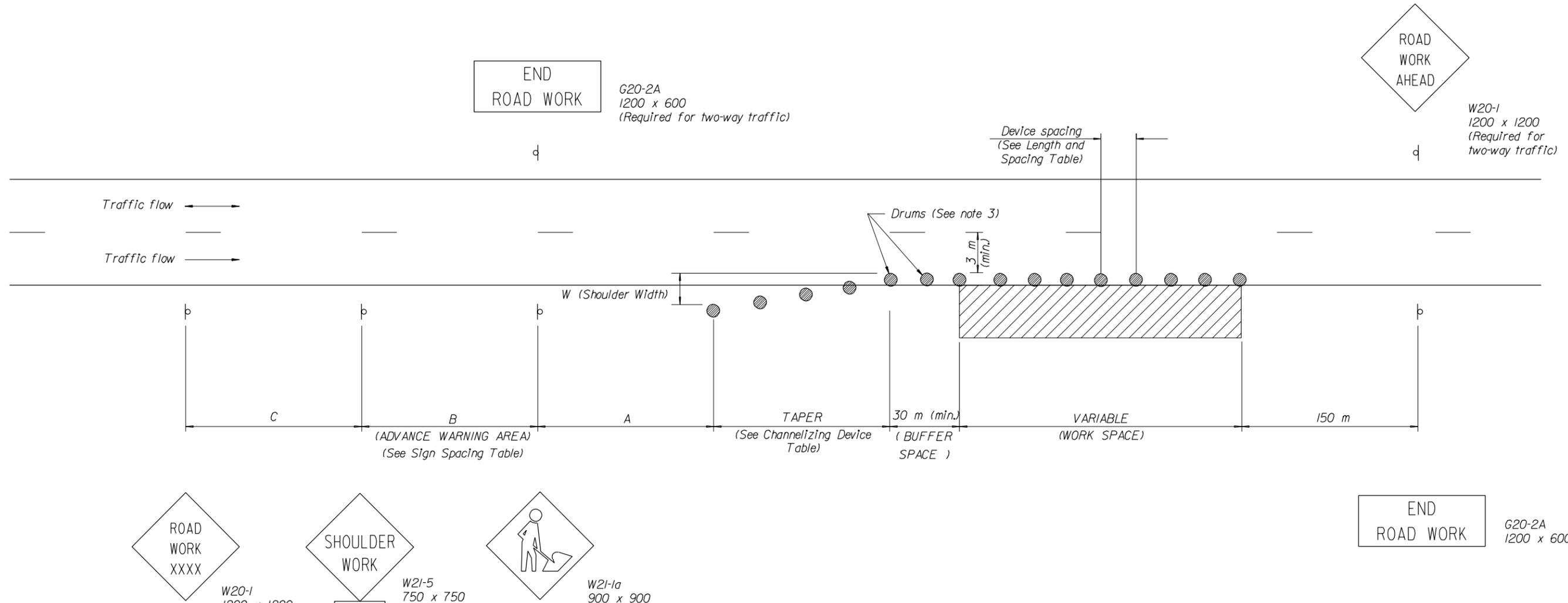


TYPICAL APPLICATION: ONE WAY OR TWO WAY, TWO LANE ROADWAY, CLOSING SHOULDER



LENGTH AND SPACING TABLE

APPROACH SPEED		MINIMUM TAPER LENGTH IN METERS	LENGTH OF BUFFER SPACE IN METERS	CHANNELIZING DEVICE SPACING	
*MILES PER HOUR	*KILOMETERS PER HOUR			TAPER AREA	WORK SPACE
25	40	Taper formula: $L = \frac{WS^2}{465}$ for speeds of 65 km/h or less	20	8	15
30	50		25	9	18
35	55	$L = \frac{W \times S}{4.8}$ for speeds of 70 km/h or greater	35	10	21
40	65		50	12	24
45	70	Where: L= Minimum length of taper W= Width of offset in meters S= Numerical value of posted speed limit prior to work area or 85 percentile speed in kilometers per hour	60	14	27
50	80		85	15	30
55	90		105	16	30

* Speed is based on the regulatory posted speed and not the traffic control warning speed.

POSTED SPEED LIMIT (MPH)	RECOMMENDED DISTANCE BETWEEN SIGNS (METERS)		
	A	B	C
≤ 35	60	60	60
40-50	105	105	105
55	150	150	150
Expressway/Urban Parkway	300	500	800

NOTES:

1. Unless otherwise shown, dimensions are in millimeters.
2. Final location and spacing of signs and devices may be changed to fit field conditions as approved by the CO.
3. For operations that require a shoulder closure for a day or less, drums may be substituted with cones, Type A in the Work Area.

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION	
METRIC DETAIL	
CONSTRUCTION TRAFFIC CONTROL SHOULDER CLOSURE LAYOUT	
DETAIL APPROVED FOR USE --/----	DETAIL
REVISED: 07/98 07/02	EM635-07

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