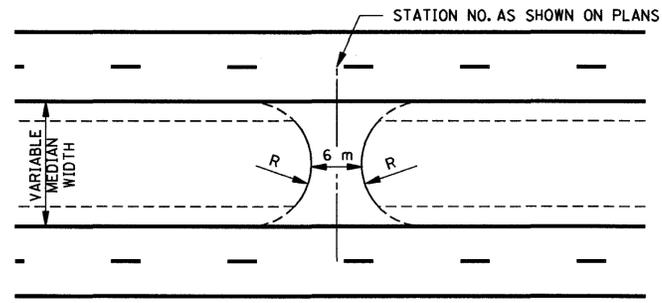


DETAIL OF W20-SD

- LEGEND**
- \*\* THE LEGEND ON W13-1 (XX MPH) SUPPLEMENTAL PLATE SHALL BE 10 MPH LESS THAN THE POSTED SPEED LIMIT.
  - ☒ FLASHING ARROW PANEL (TYPE 'C')
  - REFLECTORIZED FREE-STANDING PLASTIC DRUMS
  - ☼ TYPE 'B' WARNING LIGHTS



DETAIL OF TEMPORARY CROSSOVER  
NOTE: R = 0.5 (MEDIAN WIDTH)

**GENERAL NOTES:**

1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:
2. FLASHING ARROW PANEL SHALL BE AS LEVEL AS POSSIBLE AS APPROVED BY THE ENGINEER. FLASHING ARROW PANEL SHOULD BE LOCATED AT THE BEGINNING OF THE TAPER OR, IF THE SHOULDER IS TOO NARROW, BEHIND THE CHANNELIZING DEVICES IN THE CLOSED LANE.
3. ALL CHANNELIZING DEVICES SHALL BE REFLECTORIZED FREE STANDING PLASTIC DRUMS.
4. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.
5. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 1200 X 1200.
6. LOCATION OF CROSSOVERS WILL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
7. USE OF CROSSOVER SHALL BE LIMITED TO TRUCKS APPROACHING FROM ONE DIRECTION ONLY.
8. REVERSE LAYOUT OF TAPERS, DRUMS AND SIGNS TO ACCOMMODATE TRUCKS APPROACHING FROM OPPOSITE DIRECTION.
9. EACH CONSTRUCTION CROSSOVER SHALL BE CLOSED AS DIRECTED BY THE ENGINEER OR WHEN THE CONSTRUCTION OPERATION, ZONE OR SIGNS ENCROACH ON OR INTERFERES WITH THE OPERATION OF THE CONSTRUCTION CROSSOVER. THE CROSSOVER SHALL BE CLOSED USING 7.2 m OF TYPE III BARRICADE (DOUBLE FACED).

POSTED SPEED AND/OR DESIGN SPEED		MAXIMUM CHANNELIZING DEVICE SPACING (m)		MINIMUM LONGITUDINAL BUFFER SPACE (m)	TAPER † RATES
		TAPER	ALONG LANE LINE & WORK ZONE		
≤40	60	11	22	45	24:1
45	70	13	26	65	42:1
50	80	15	30	85	48:1
55	90	17	34	105	54:1
60 & 65	100	19	38	135	60:1
70	110	21	42	170	66:1

† NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:  
 $L = 0.6WS$  FOR SPEEDS OF 70 km/h OR GREATER  
 $L = WS^2/155$  FOR SPEEDS OF 60 km/h OR LESS  
 WHERE: L = MINIMUM LENGTH OF TAPER IN METERS  
 W = WIDTH OF OFFSET (USUALLY LANE WIDTH) IN METERS  
 S = DESIGN SPEED OR 85TH PERCENTILE SPEED IN KILOMETERS PER HOUR

ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ROADWAY DESIGN DIVISION  
STANDARD PLAN

**TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY)**

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