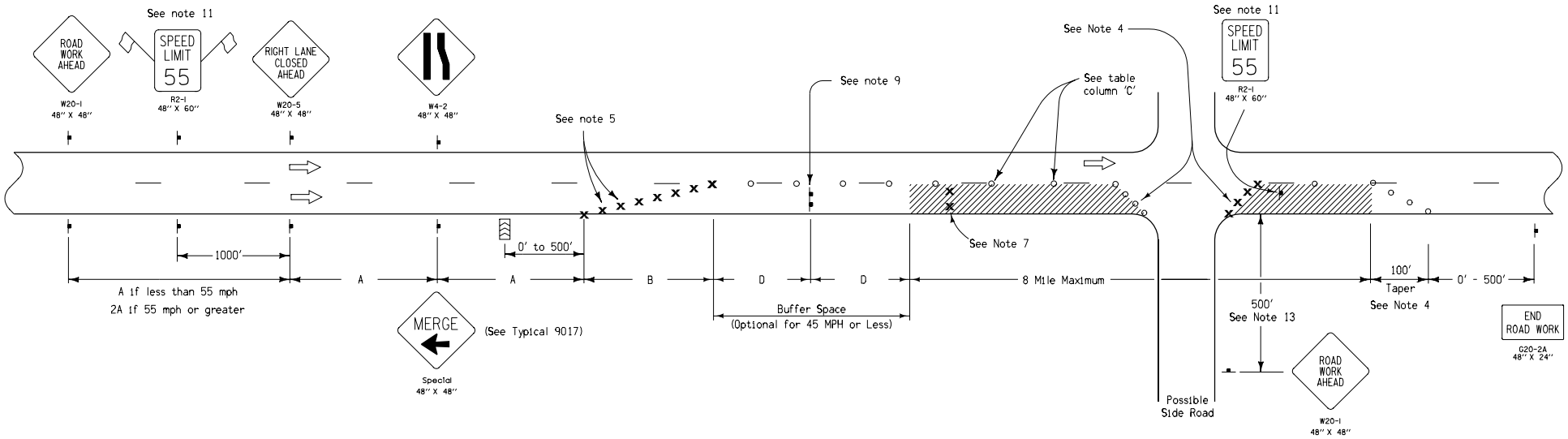

SPEED LIMIT (mph) *	APPROXIMATE SPACING			
	A	B	C	D
25	300'	125'	40'	40'
35	500'	245'	80'	80'
45	700'	540'	80'	200'
55	1000'	770'	80'	280'
65-70	1000'	910'	80'	360'

* Speed Limit before Roadwork

1. This layout is intended for short-term use.
2. When the Average Daily Traffic (ADT) exceeds 20,000 vehicles per day or when a traffic queue extends beyond the advanced signing, RIGHT LANE CLOSED 4 MILES and RIGHT LANE CLOSED 2 MILES signs (W20-5) shall be placed on both sides of the roadway 4 miles and 2 miles in advance of the lane closure, respectively.
3. Cones may be placed as channelizing devices in the tapers and along the lane line during daylight hours only.
4. Downstream tapers shall contain a minimum of 4 channelizing devices.
5. The maximum spacing between channelizing devices in a merging taper shall be approximately equal in feet to the speed limit before roadwork.
6. Channelizing devices shall not be intermixed on the lane line through the work area.
7. Two drums shall be placed in the closed lane at 1000 ft. intervals. Where core outs, holes or uncured concrete exist within the work area, additional drums shall be placed just ahead of each.
8. If a ramp exit or entrance taper falls within the work area, refer to Standard Road Plans RS-65A and RS-65B for traffic control details.
9. A vehicle with an amber revolving light or amber strobe light may be substituted for the Type III barricade. Use a truck mounted attenuator (TMA) for this location if TMA is available.
10. Channelizing devices may be placed up to 2 feet beyond the lane line only at specific locations where actual work activity is taking place. Channelizing devices shall be returned to the lane when the work activity has passed.
11. For roadways with a posted speed limit of 60 mph or greater before road work:
    a) Place SPEED LIMIT 55 signs prior to the lane closure as shown.
    b) When the length of closure is greater than 1 mile install SPEED LIMIT 55 signs in the closed lane at 1 mile intervals.
    c) SPEED LIMIT 55 signs shall be removed or covered when workers are not present.
    d) All existing signs that conflict with 55 mph speed limit shall be removed or covered while 55 mph speed limit is in effect.
12. The length, duration, and time of lane closures are subject to approval by the Resident Construction Engineer.
13. Advanced warning distance may be reduced to 200 ft. when the side road speed limit is 40 mph or less.

FOR LANE-LINE DROPOFF OR RISE:

14. If unplanned conditions result in a drop-off or rise that exceeds 3.5 inches overnight, the contractor shall also place a temporary edge line in the open lane, 1 foot from the drop-off or rise. If the contractor chooses to use drums for the channelizing devices, the temporary edge line may be omitted. In either case, the channelizing devices shall be placed in the closed lane during nonworking hours. The channelizing devices may be placed on either surface during working hours.

LEGEND

- Traffic Sign
- Drum
- Channelizing Device (Vertical Panel or 42" channelizer)
- Type III Barricade
- Sequencing Arrow (Type "C")
- Work Area

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RS-63A

REVISION: Change channelizer and barricade spacing and delete flagger.	REVISION NO. 16
Deanna Maifeldt APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 04-18-06

RIGHT LANE CLOSURE
ON DIVIDED HIGHWAY