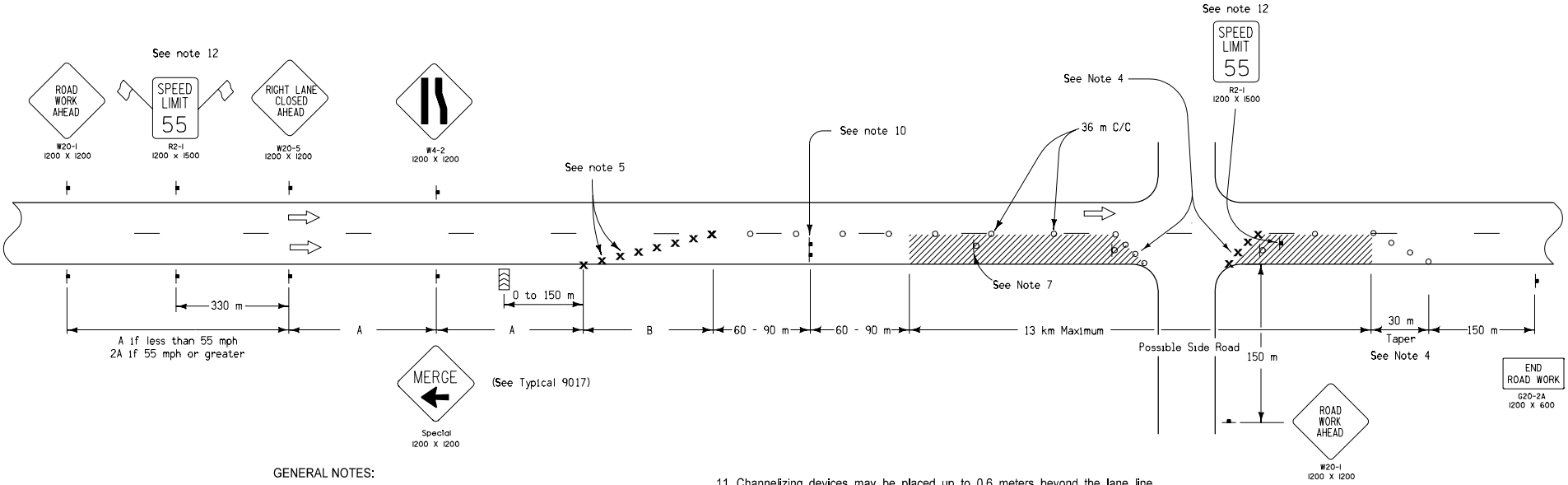

SPEED LIMIT (mph) *	APPROXIMATE SPACING		
	A	B	C
25	90m	40m	8m
35	150m	80m	10m
45	210m	168m	14m
55	330m	238m	17m
65	330m	280m	20m

* Speed Limit before Roadwork

LEGEND

- Traffic Sign
- x Drum
- o Channelizing Device (Vertical Panel, Type I or Type II Barricade) (to be weighted)
- Type II Barricade (to be weighted)
- Type III Barricade
- Sequencing Arrow (Type "C")
- Work Area

GENERAL NOTES:

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 6.5 kilometers and 3.0 kilometers in advance of the lane closure, respectively.
3. Cones may be used 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 spacing between channelizing devices in a merging taper shall be in accordance with the table, column 'C'.
6. Channelizing devices shall not be intermixed on the lane line through the work area.
7. Type II barricades will be placed in the closed lane at a 300-meter interval. Where core outs, holes or uncured concrete exist within the work area, an additional Type II barricade 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 flagger shall be used to alert motorists when equipment or workers encroach within 0.6 meters of an open lane. The flagger shall be posted adjacent to the open traffic lane and immediately upstream of each operation. Encroachment shall be held to a minimum.
10. 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.
11. Channelizing devices may be placed up to 0.6 meters beyond the lane line only at specific locations where actual work activity is taking place. Channelizing devices shall be returned to the lane line when the work activity has passed.
12. 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 1.5 kilometers install SPEED LIMIT 55 signs in the closed lane at 1.5-kilometer 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.
13. The length, the duration, and the time of lane closure are subject to approval by the Resident Construction Engineer.

FOR LANE-LINE DROPOFF OR RISE:

14. When the nominal thickness, placed or removed, results in a drop-off or rise of more than 50 mm adjacent to the open traffic lane, the spacing of the lane line channelizing devices shall be reduced to 50 percent of that shown. The edge of the channelizing device shall be placed within 0.3 meters of the drop-off or rise.
15. If unplanned conditions result in a drop-off or rise that exceeds 90 mm overnight, the contractor shall also place a temporary edge line in the open lane, 0.3 meters 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 nonworking hours.

All dimensions given in millimeters unless noted.

M

METRIC VERSION

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN **RS-63A**

REVISION: Modify Note 13; Change Title.

REVISION NO. 13

REVISION DATE 10-19-04

William J. Stein
APPROVED BY DESIGN METHODS ENGINEER

RIGHT LANE CLOSURE
ON DIVIDED HIGHWAY