



| LEGEND | |
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| ⊥ | Traffic Sign |
| x | Drum |
| o | Channelizing Device (Vertical Panel, Type I or Type II Barricade) (to be weighted) |
| ⊠ | Arrow Panel (Type 'C') |
| ○● | Temporary Safety Lighting (Floodlighting) |
| ▨ | Work Area |

- The maximum spacing between drums shall be approximately equal in feet to the speed limit before roadwork.
- Channelizing devices shall not be intermixed on the lane line through the work area.
- If a ramp exit or entrance taper falls within the work area, refer to Standard Road Plan RS-65A and RS-65B for traffic control details.
- Closing tapers shall contain a minimum of 4 channelizing devices.
- Details for Temporary Barrier Rail are included elsewhere in the plans.
- Broken lane line shall be removed in area of taper.
- Contractor shall be responsible for placement and removal of white or yellow edge lines. No temporary edge line will be necessary adjacent to the temporary barrier rail or the outside of the bridge.
- Reflectors shall be mounted back-to-back on each section of Temporary Barrier Rail. Reflectors shall face oncoming traffic as indicated.
- Parking of private vehicles or unattended equipment, or storage of materials, within 50 feet of the edge of pavement shall not be permitted unless protected by functioning barrier rail.
- For temporary floodlighting, see Standard Road Plan RM-49.
- Poles for Temporary Floodlighting, as well as any auxiliary poles used to furnish power, shall be offset 30 feet from the traveled way unless there are right-of-way restrictions. Clearance on overhead wiring shall be a minimum of 18 feet.
- For roadways with a posted speed limit of 60 mph or greater before road work:
 - Place SPEED LIMIT AHEAD sign and SPEED LIMIT 55 sign prior to the lane closure as shown. Place SPEED LIMIT 65 or 70 beyond the work area as shown.
 - All existing signs that conflict with 55 mph speed limit shall be removed or covered while 55 mph speed limit is in effect.
- 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.

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RS-80

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| REVISION: Add "Speed Limit 70" sign at the end of the work zone and to tables; revise note 12a; change title. | REVISION NO. 4 |
| <i>William J. Allen</i> APPROVED BY DESIGN METHODS ENGINEER | REVISION DATE 10-18-05 |

**LANE CLOSURE USING
TEMPORARY BARRIER RAIL**