



| SPEED LIMIT (mph) | A     | C    | D   | E       | M    | T    | A1    |
|-------------------|-------|------|-----|---------|------|------|-------|
| 35 or less        | 250'  | 40'  | 35' | 0'-200' | 245' | 50'  | 250'  |
| 40                | 500'  | 80'  | 40' | 0'-300' | 320' | 50'  | 500'  |
| 45                | 700'  | 80'  | 45' | 0'-400' | 630' | 100' | 700'  |
| 50                | 700'  | 80'  | 45' | 400'    | 630' | 100' | 700'  |
| 55 - 60           | 1000' | 100' | 55' | 600'    | 770' | 100' | 2000' |
| 65 - 70           | 1000' | 100' | 65' | 700'    | 910' | 100' | 2000' |

**LEGEND**

- Direction Of Traffic
- Traffic Sign
- Drum
- 42" Channelizer
- Arrow Board
- Work Area

When the Average Daily Traffic (ADT) exceeds 20,000 vehicles per day or when a traffic queue extends beyond the advanced signing, place RIGHT/LEFT LANE CLOSED 4 MILES and RIGHT/LEFT LANE CLOSED 2 MILES signs (W20-5) on both sides of the roadway 4 miles and 2 miles in advance of the lane closure, respectively, as appropriate.

Where there is a lane line drop-off or rise, do not allow traffic to cross over the drop-off or rise, except for ramp locations where a BUMP (W8-1) sign is placed.

Drop-offs greater than a nominal 4 inches are not allowed during non-working hours.

- ① Refer to **SI-881** for sign details.
- ② Where side road speed limit is 40 mph or less, a distance of 200 feet is allowed.
- ③ Place a ROAD WORK AHEAD sign on the opposite side of the intersection in a similar location.
- ④ For roadways with a posted speed limit of 60 mph or greater before road work:
  - Place SPEED LIMIT 55 signs prior to the lane closure as shown.
  - When the length of closure is greater than 1 mile, install SPEED LIMIT 55 signs in the closed lane at 1-mile intervals.
  - Remove or cover all existing signs that conflict with 55 mph speed limit while 55 mph speed limit is in effect.

Possible Contract Item:  
Traffic Control

**Iowa Department of Transportation**

**STANDARD ROAD PLAN**

REVISIONS: Changed Arrow Display to Arrow Board to comply with changes to MUTCD. Removed W3-5 sign.

*Deanna Macfield*  
APPROVED BY DESIGN METHODS ENGINEER

**LANE CLOSURE ON DIVIDED HIGHWAY**

|               |          |
|---------------|----------|
| REVISION      |          |
| 7             | 10-16-12 |
| <b>TC-418</b> |          |
| SHEET 1 of 1  |          |