



ROAD WORK AHEAD  
W20-1  
48" x 48"

SHOULDER DROP OFF  
W8-9A  
48" x 48"

END ROAD WORK  
G20-2A  
48" x 24"

**LEGEND**

- † Traffic Sign
- 42" Channelizer
- Work Area
- ← Direction of Traffic

| SPEED LIMIT (mph) | A     | B    | C <sup>②</sup>    | T    |
|-------------------|-------|------|-------------------|------|
| 40 or less        | 500'  | 250' | 40'               | 100' |
| 45 - 50           | 700'  | 350' | 80' <sup>①</sup>  | 200' |
| 55 - 60           | 1500' | 500' | 100' <sup>①</sup> | 200' |
| 65 - 70           | 1500' | 500' | 100' <sup>①</sup> | 230' |

When a pavement edge drop-off exists, install a SHOULDER DROP-OFF sign.

No pavement edge drop-offs greater than pavement depth will be allowed during non-working hours.

Shoulder edge drop-offs shall be mitigated according to Article 1107.08.L2 of the Standard Specifications.

<sup>①</sup> When the length of a pavement edge drop-off is 1000 feet or less, the temporary fillet requirement of Article 1107.08 of the Standard Specifications does not apply. Reduce channelizer spacing to 40 feet.

<sup>②</sup> For work areas less than 200 feet long, use channelizers spaced at 20 foot centers or use a vehicle with an amber revolving light or amber strobe light.

Possible Contract Item:  
Traffic Control

|  |          |          |
|--|----------|----------|
| Iowa Department of Transportation<br><b>STANDARD ROAD PLAN</b> | REVISION |          |
|  | 7        | 10-15-13 |
| <b>TC-402</b><br>SHEET 1 of 1                                  |          |          |
| REVISIONS: Modified circle note 1.                             |          |          |
| <br>APPROVED BY DESIGN METHODS ENGINEER                        |          |          |
| <b>SHOULDER CLOSURE<br/>(MULTI-LANE)</b>                       |          |          |