



**LEGEND**

- △ Concrete Barrier Marker
- ⊠ Vehicle Detection Area
- ▬ Temporary Crash Cushion
- ← Direction of Traffic
- ⊣ Traffic Sign
- × Drum
- Temporary Floodlighting
- ⊠ Type 'B' High-Intensity Flashing Warning Light
- ▨ Work Area
- Temporary Traffic Signal

SPEED LIMIT (mph)	A
35 or less	250'
40 - 45	350'
50 or greater	500'

**TIMING FOR ACTUATED SIGNALS**  
Recommended Settings, secs.

	Distance Between Stop Lines	All Red (secs.)*
Initial = 12.0	1050'	20.4-35.7
Extension = 2.5	950'	18.5-32.3
Maximum Green = 45.0	850'	17-30
Yellow = 3.0	750'	15-27
All Red = (see table)	650'	14-23
	550'	12-20

\* Range of values are based on operating speeds between 20 and 35 mph

Contract Items:

- Traffic Control
- Temporary Crash Cushions
- Temporary Floodlighting
- Temporary Traffic Signals
- Temporary Barrier Rail
- Painted Pavement Markings
- Pavement Markings Removed

Tabulations: 108-22, 108-27, 108-28, 108-30, 108-33

<p>Iowa Department of Transportation</p> <p><b>STANDARD ROAD PLAN</b></p> <p>REVISIONS: Switched ONE LANE ROAD AHEAD sign and Signal Ahead sign. Removed reference to RE-85.</p> <p style="text-align: right;"><i>Deanna Macfild</i> APPROVED BY DESIGN METHODS ENGINEER</p>	REVISION
	3   10-21-08
	<b>TC-217</b> SHEET 1 of 1
<b>LANE CLOSURE WITH SIGNALS AND TBR</b>	