



- LEGEND**
- Vehicle Detection Area
  - Traffic Sign
  - Drum
  - Type 'B' High-Intensity Flashing Warning Light
  - Work Area
  - Temporary Traffic Signal
  - Direction of Traffic

SPEED LIMIT (mph)	A	E
35 or less	250'	0'-50'
40 - 45	350'	0'-100'
50 or greater	500'	100'

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 = 5.0	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

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

No vehicles, unattended equipment, materials or stock-piled waste are permitted between the shoulder lines during non-working hours.

**Contract Items:**  
 Traffic Control  
 Temporary Traffic Signals  
 Pavement Marking Items  
 Pavement Markings Removed

**Tabulation:**  
 108-28, 108-22

 <b>Iowa Department of Transportation</b>	REVISION 4   04-21-09
	<b>STANDARD ROAD PLAN</b>
	<b>TC-216</b> SHEET 1 of 1
REVISIONS: Changed contract item from Painted Pavement Markings to Pavement Marking Items.	
 APPROVED BY DESIGN METHODS ENGINEER	
<b>LANE CLOSURE WITH SIGNALS</b>	