



- 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
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 Traffic Signals  
 Painted Pavement Markings  
 Pavement Markings Removed

Tabulation:  
 108-28, 108-22

Temporary Traffic Signals shall be span-wire mounted.

Full-depth openings during non-working hours will not be allowed. Temporary plating, planking or filling may be necessary. Vehicles, unattended equipment, materials or stock-piled waste shall not be permitted between the shoulder lines during non-working hours.

 <b>Iowa Department of Transportation</b> <b>STANDARD ROAD PLAN</b>	REVISION 1   10-16-07
	<b>TC-216</b>
	SHEET 1 of 1
REVISIONS: Added Longer Distances to Timing Table. Modified Work Area Limits.	
 APPROVED BY DESIGN METHODS ENGINEER	
<b>LANE CLOSURE WITH SIGNALS</b>	