



**LEGEND**

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

**TIMING FOR ACTUATED SIGNALS**

Recommended Settings, secs.

Initial = 12.0  
 Extension = 2.5  
 Maximum Green = 45.0  
 Yellow = 5.0  
 All Red = (see table)

Distance Between Stop Lines	All Red (secs.)*
1050'	20.4-35.7
950'	18.5-32.3
850'	17-30
750'	15-27
650'	14-23
550'	12-20

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

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

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.

① Locate signal heads 70 to 100 feet beyond stop bar. Adjust location of signal heads as field conditions warrant.

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

**Possible Tabulations:**  
 108-22  
 108-28

**IOWA DOT**

**STANDARD ROAD PLAN**

REVISIONS: Changed No Passing Zone sign size from 48" x 60" x 60" to 48" x 64" x 64".

*Brian Smith*  
APPROVED BY DESIGN METHODS ENGINEER

REVISION	7	10-18-16
<b>TC-216</b>		
SHEET 1 of 1		

LANE CLOSURE WITH SIGNALS