



**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 = 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

**Contract Items:**

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

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

 Iowa Department of Transportation	REVISION 3 04-21-09
	TC-217
STANDARD ROAD PLAN	SHEET 1 of 1
REVISIONS: Changed contract item from Painted Pavement Markings to Pavement Marking Items.	
 APPROVED BY DESIGN METHODS ENGINEER	
LANE CLOSURE WITH SIGNALS AND TBR	