



- Possible Contract Items:
- Pavement Marking Items
  - Pavement Markings Removed
  - Temporary Barrier Rail
  - Temporary Crash Cushions
  - Temporary Traffic Signals
  - Traffic Control

- Possible Tabulations:
- 108-22
  - 108-28
  - 108-30
  - 108-33

Place Concrete Barrier Markers at 10 ft C/C on bridge rail.

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

**LEGEND**

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

**TIMING FOR ACTUATED SIGNALS**

Recommended Settings, secs.

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
35 or less	250'
40 - 45	350'
50 or greater	500'

**IOWA DOT**

**STANDARD ROAD PLAN**

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

APPROVED BY DESIGN METHODS ENGINEER

**LANE CLOSURE WITH SIGNALS AND TBR**

REVISION	
8	10-18-16

**TC-217**

SHEET 1 of 1