



- 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

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

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

* 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'

* Speed Limit refers to regulatory speed limit before road work.

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.

IOWA DOT

STANDARD ROAD PLAN

REVISIONS: Added speed limit note. Formatted speed limit table.

APPROVED BY DESIGN METHODS ENGINEER

LANE CLOSURE WITH SIGNALS AND TBR

REVISION	
9	4-18-23

TC-217

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