



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: Replaced 70' dimension with circle note 1.

Brian Smith
 APPROVED BY DESIGN METHODS ENGINEER

| | | |
|---------------|---|----------|
| REVISION | 6 | 10-21-14 |
| TC-216 | | |
| SHEET 1 of 1 | | |

LANE CLOSURE WITH SIGNALS