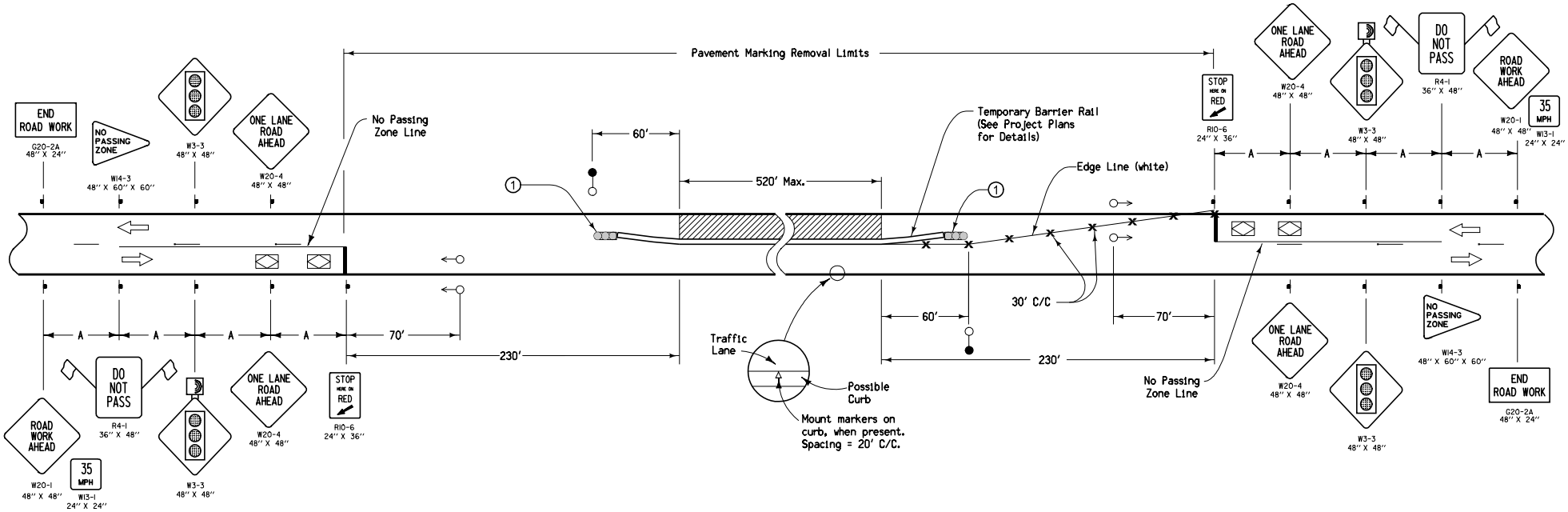

Contract Items:

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

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

LEGEND

- △ Concrete Barrier Marker
- Vehicle Detection Area
- 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.

Initial = 12.0
Extension = 2.5
Maximum Green = 45.0
Yellow = 3.0
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

Temporary Traffic Signals shall be span-wire mounted.

(1) Temporary Crash Cushion, Redirective or Temporary Crash Cushion, Severe Use.

Iowa Department of Transportation

STANDARD ROAD PLAN

REVISION	
1	10-16-07

TC-217

SHEET 1 of 1

REVISIONS: Eliminated the Tapered End Section, replaced with a Temporary Crash Cushion. Added numbers to the Signal Timing Table. Modified speed limit table.

Deanna Maifield
APPROVED BY DESIGN METHODS ENGINEER

LANE CLOSURE WITH SIGNALS AND TBR