

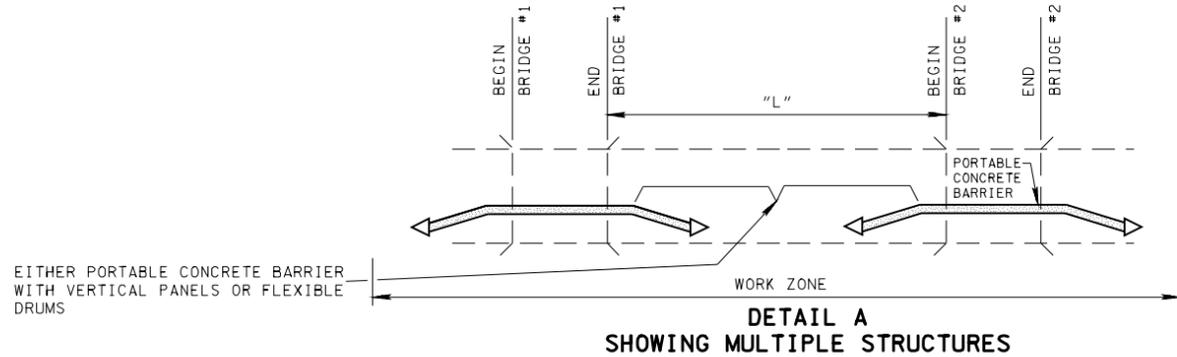
REV. 11-1-95: CHANGED TO METRIC.
 REV. 5-27-98: CHANGED DRAWING NO. FROM T-CP-1 TO T-WZ-32, MODIFIED LEGEND.
 REV. 4-15-99: MODIFIED LEGEND.
 REV. 12-18-99: ADDED SECOND NOTE TO PORTABLE CONCRETE BARRIER NOTES.

PORTABLE CONCRETE BARRIER NOTES

(A) IF DISTANCE "L" IS 76 m OR LESS, PORTABLE CONCRETE BARRIER SHALL BE CONTINUOUS.

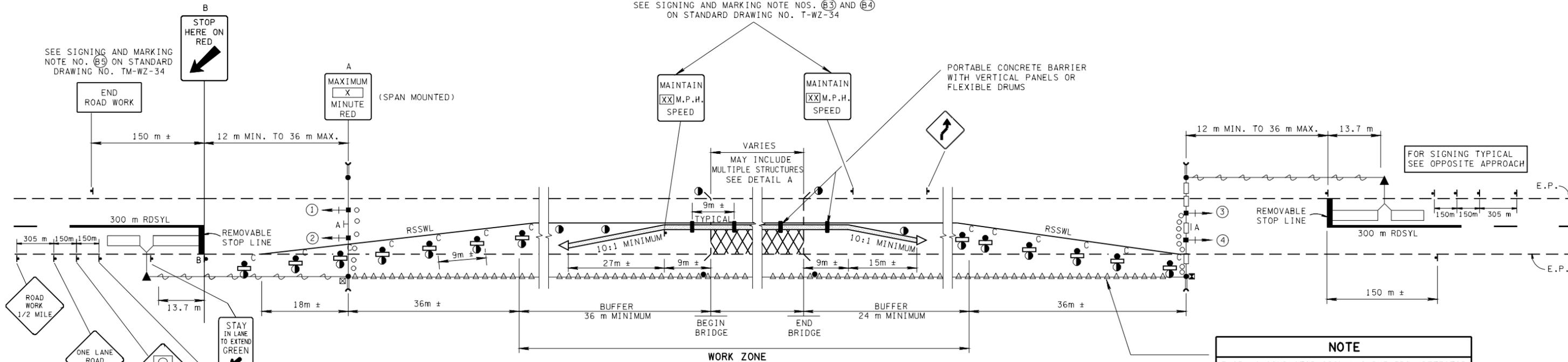
(B) FOR DISTANCES GREATER THAN 76 m THE CONTRACTOR MAY USE CONTINUOUS PORTABLE CONCRETE BARRIER IN LIEU OF THE INTERIOR ATTENUATORS SHOWN IN THIS DETAIL.

(C) IF "L" IS GREATER THAN 76 m, FLEXIBLE DRUMS OR VERTICAL PANELS SHALL BE USED TO MAINTAIN ONE LANE OF TRAFFIC.



**DETAIL A
SHOWING MULTIPLE STRUCTURES**

SEE SIGNING AND MARKING NOTE NOS. (B3) AND (B4) ON STANDARD DRAWING NO. T-WZ-34



FOR SIGNING TYPICAL SEE OPPOSITE APPROACH

NOTE

7 OR 12 CONDUCTOR SIGNAL CABLE FROM DETECTOR CABINET TO CONTROLLER MAY BE RUN OVERHEAD (USING WOOD POLES AND MESSENGER WIRE), UNDERGROUND (DIRECT BURIED) OR ANY METHOD APPROVED BY THE ENGINEER.

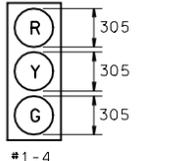
BUFFER NOTE

SEE TABLE VI-1 OF PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR BUFFER LENGTHS.

SIGNAL SEQUENCE CHART

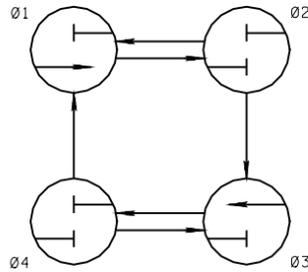
| PHASE | INTERVAL | SIGNAL HEAD NO. & DISPLAY | | | |
|---------|----------|-----------------------------|---|---|---|
| | | 1 | 2 | 3 | 4 |
| 1 | R/W | G | G | R | R |
| | 2 | Y | Y | R | R |
| | 3 | DIRECT CLEARANCE PROHIBITED | | | |
| | 4 | DIRECT CLEARANCE PROHIBITED | | | |
| 2 | R/W | R | R | R | R |
| | 3 | R | R | R | R |
| | 4 | DIRECT CLEARANCE PROHIBITED | | | |
| | 1 | R | R | R | R |
| 3 | R/W | R | R | G | G |
| | 4 | R | R | Y | Y |
| | 1 | DIRECT CLEARANCE PROHIBITED | | | |
| | 2 | DIRECT CLEARANCE PROHIBITED | | | |
| 4 | R/W | R | R | R | R |
| | 1 | R | R | R | R |
| | 2 | DIRECT CLEARANCE PROHIBITED | | | |
| | 3 | R | R | R | R |
| **FLASH | | R | R | R | R |

- LEGEND**
- ☒ FOUR OR EIGHT PHASE POLE MOUNTED CONTROLLER
 - 1.8 m X 13.7 m LOOP WITH LEAD-IN
 - 300 mm SIGNAL HEAD WITH BACKPLATE ON SPANWIRE
 - GUYING DEVICE VERTICAL ANCHOR (11 mm DIAMETER)
 - SHIELDED DETECTOR CABLE ON SPAN WIRE
 - WOOD POLE
 - ▲▲▲ 7 CONDUCTOR (FOUR PHASE) OR 12 CONDUCTOR (EIGHT PHASE) FOR LOOPS & SIGNALS
 - 5 CONDUCTOR SIGNAL CABLE
 - FLEXIBLE DRUMS
 - ⊕ FLEXIBLE DRUMS WITH TYPE "C" WARNING LIGHTS
 - ▬ PORTABLE CONCRETE BARRIER WITH VERTICAL PANELS
 - RSSLW REMOVABLE PAVEMENT MARKING (SINGLE SOLID WHITE LINE)
 - RDSYL REMOVABLE PAVEMENT MARKING (DOUBLE SOLID YELLOW LINE)
 - E.P. EDGE OF PAVEMENT
 - ☒ DETECTOR AMPLIFIER CABINET
 - ▲ WATERPROOF SPLICE
 - SHIELDED DETECTOR CABLE (DIRECT BURIED)
 - L DISTANCE
 - ◁ ATTENUATOR (SEE STANDARD DRAWINGS)



SIGNAL HEAD DETAIL

ALL SIGNAL HEADS SHALL HAVE BACKPLATES AND TETHER WIRES.



PHASING DIAGRAM DETAIL

PLACEMENT OF SIGNAL HEADS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION).

** SEE SIGNAL OPERATION NOTES ON STANDARD DRAWING NO. TM-WZ-34 FOR TIMES WHEN YELLOW FLASH IS USED.



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

□ MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL PLAN
 SIGNAL LAYOUT FOR
 TRAFFIC SIGNAL AT TWO
 LANE BRIDGE
 RECONSTRUCTION SITE**

5-27-98 TM-WZ-32

SHEET NOT TO SCALE

CROSS REFERENCE DRAWINGS FOR THIS SHEET: TM-WZ-33, TM-WZ-34 AND TM-WZ-35.