

NOTES:

1. Consider using different types of channelizing devices on each side of the traveled way to reduce motorist confusion.
2. Minimum traveled way width between channelizing devices is 10 feet [3 m].
3. For areas where mid-block access may be required, channelizing devices shall be provided by the contractor and placed at spacing as approved by the engineer.
4. For intermediate-term situations, when it is not feasible to remove and restore pavement markings, the channelization must be made dominant by using a very close device spacing. This is especially important in locations of conflicting information, such as where traffic is directed over a double yellow centerline, in such locations a maximum channelizing device spacing of 10 feet [3 m] is recommended.

GUIDELINES FOR TAPER LENGTHS AND LONGITUDINAL BUFFER SPACES FOR 12 FOOT [3.6 m] WIDE LANES

Speed Limit (MPH)	Taper Length (L) Ft [m]	Number of Devices on Taper	Spacing of Devices on Taper Ft [m]	Spacing of Devices on Tangent Ft [m]	Buffer Length Ft [m]
20	100[30m]	5	20[6m]	40[12m]	115[35m]
25	125[40m]	6	25[7m]	50[15m]	155[47m]
30	180[60m]	7	30[9m]	60[18m]	200[61m]
35	245[75m]	8	35[10m]	70[20m]	250[76m]
40	320[100m]	9	40[12m]	80[25m]	305[93m]
45	540[160m]	13	45[14m]	90[27m]	360[110m]
50	600[180m]	13	50[15m]	100[30m]	425[130m]
55	660[200m]	13	55[17m]	110[33m]	495[151m]
60	720[220m]	13	60[18m]	120[37m]	570[174m]
65	780[240m]	13	65[20m]	130[40m]	645[197m]
70	840[260m]	13	70[21m]	140[43m]	730[223m]

Approximate spacings, adjust for field conditions (sight distance for approaches, obstacles, etc.)

(*) TYPICAL SPEED REDUCTIONS**

Posted Speed Limit (MPH)	Reduced Speed Limit (MPH)
30	20
35	25
40	30
45	30
50	35
55	40
60	45
65	45
70	45

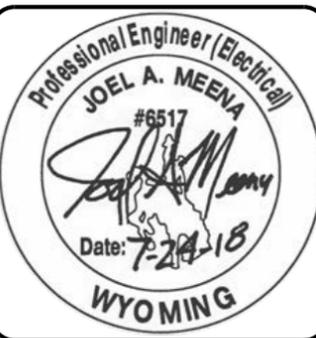
SIGN SPACING

Speed Limit (MPH)	* Spacing Feet [m]
40 and Below	200[60]
45 and Above	500[150]

* Approximate spacing, adjust for field conditions (block spacing, sight distance for approaches, obstacles, etc..)

LEGEND

- WORK ZONE
- CONE
- DRUM
- DRUM WITH SIGN
- 42"[1050] CONE OR TUBULAR MARKER (28"[700] CONE MAY BE SUBSTITUTED AS APPROVED BY THE ENGINEER DURING DAYLIGHT HOURS ONLY).



Designed by: TRAFFIC
 Drawn by: JTG
 Checked by: TRAFFIC
 Previous Dwg. No. 703-5C

HALF ROAD CLOSURE ON MULTI-LANE HIGHWAYS

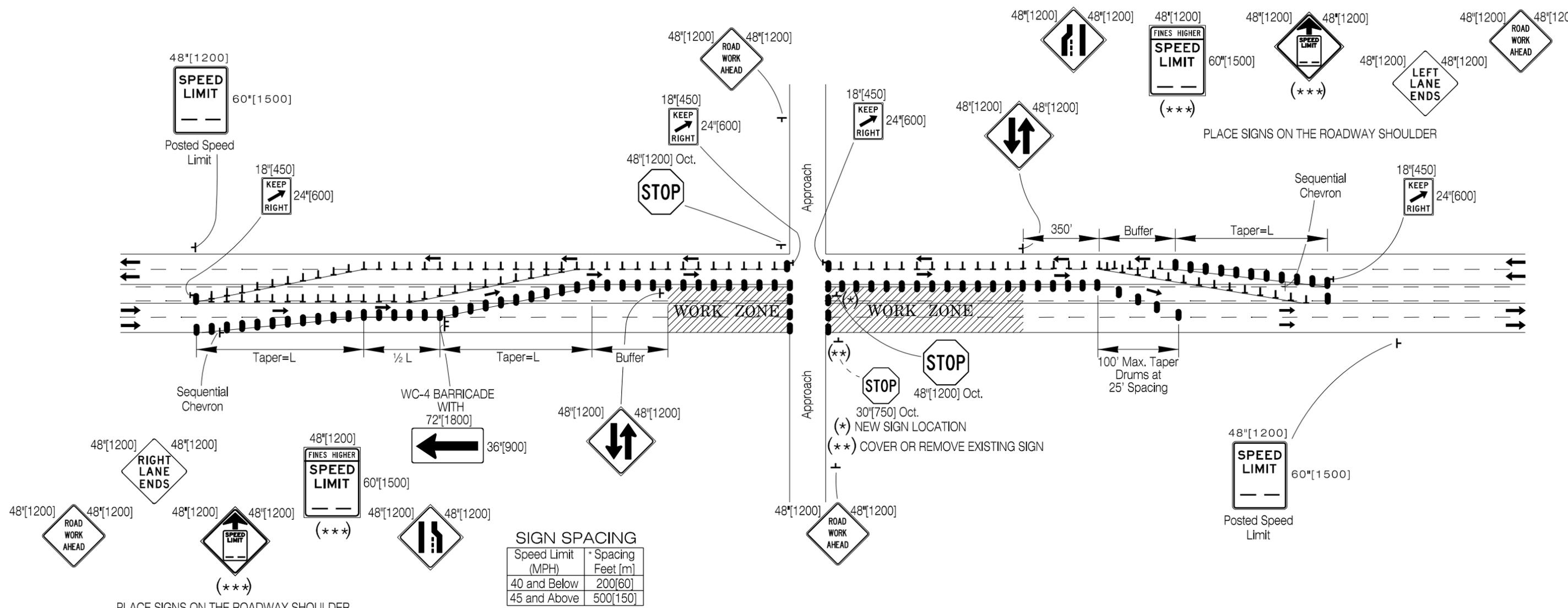
Note: Units shown in brackets [] are metric and are in millimeters (mm) unless other units are shown.



CONSTRUCTION TRAFFIC CONTROL STANDARDS

STANDARD PLAN

STANDARD PLAN NUMBER
703-5D
 SHEET 1 of 2
 Issued by: TRAFFIC PROGRAM
 Date Issued: OCTOBER, 2018



PLACE SIGNS ON THE ROADWAY SHOULDER

GUIDELINES FOR TAPER LENGTHS AND LONGITUDINAL BUFFER SPACES FOR 12 FOOT [3.6 m] WIDE LANES

Speed Limit (MPH)	Taper Length (L) Ft [m]	Number of Devices on Taper	Spacing of Devices on Taper Ft [m]	Spacing of Devices on Tangent Ft [m]	Buffer Length Ft [m]
20	100[30m]	5	20[6m]	40[12m]	115[35m]
25	125[40m]	6	25[7m]	50[15m]	155[47m]
30	180[60m]	7	30[9m]	60[18m]	200[61m]
35	245[75m]	8	35[10m]	70[20m]	250[76m]
40	320[100m]	9	40[12m]	80[25m]	305[93m]
45	540[160m]	13	45[14m]	90[27m]	360[110m]
50	600[180m]	13	50[15m]	100[30m]	425[130m]
55	660[200m]	13	55[17m]	110[33m]	495[151m]
60	720[220m]	13	60[18m]	120[37m]	570[174m]
65	780[240m]	13	65[20m]	130[40m]	645[197m]
70	840[260m]	13	70[21m]	140[43m]	730[223m]

Approximate spacings, adjust for field conditions (sight distance for approaches, obstacles, etc.)

SIGN SPACING

Speed Limit (MPH)	Spacing Feet [m]
40 and Below	200[60]
45 and Above	500[150]

* Approximate spacing, adjust for field conditions (block spacing, sight distance for approaches, obstacles, etc..)

(*) TYPICAL SPEED REDUCTIONS**

Posted Speed Limit (MPH)	Reduced Speed Limit (MPH)
30	20
35	25
40	30
45	30
50	35
55	40
60	45
65	45
70	45

NOTES:

1. Consider using different types of channelizing devices on each side of the traveled way to reduce motorist confusion.
2. Minimum traveled way width between channelizing devices is 11 feet [3.4 m].
3. For intermediate-term situations, when it is not feasible to remove and restore pavement markings, the channelization must be made dominant by using a very close device spacing. This is especially important in locations of conflicting information, such as where traffic is directed over a double yellow centerline, in such locations a maximum channelizing device spacing of 10 feet [3 m] is recommended.

LEGEND

- WORK ZONE
- DRUM
- DRUM WITH SIGN
- 42"[1050] CONE OR TUBULAR MARKER (28"[700] CONE MAY BE SUBSTITUTED AS APPROVED BY THE ENGINEER DURING DAYLIGHT HOURS ONLY).

Designed by: TRAFFIC
 Drawn by: JTG
 Checked by: TRAFFIC
 Previous Dwg. No. 703-5C

HALF ROAD CLOSURE ON MULTI-LANE HIGHWAYS WITH CENTER TWO-WAY LEFT TURN LANE

Note: Units shown in brackets [] are metric and are in millimeters (mm) unless other units are shown.



CONSTRUCTION TRAFFIC CONTROL STANDARDS

STANDARD PLAN

STANDARD PLAN NUMBER
703-5D
 SHEET 2 of 2
 Issued by: TRAFFIC PROGRAM
 Date Issued: OCTOBER, 2018