

# **NYSDOT Work Zone Traffic Control Drawings**

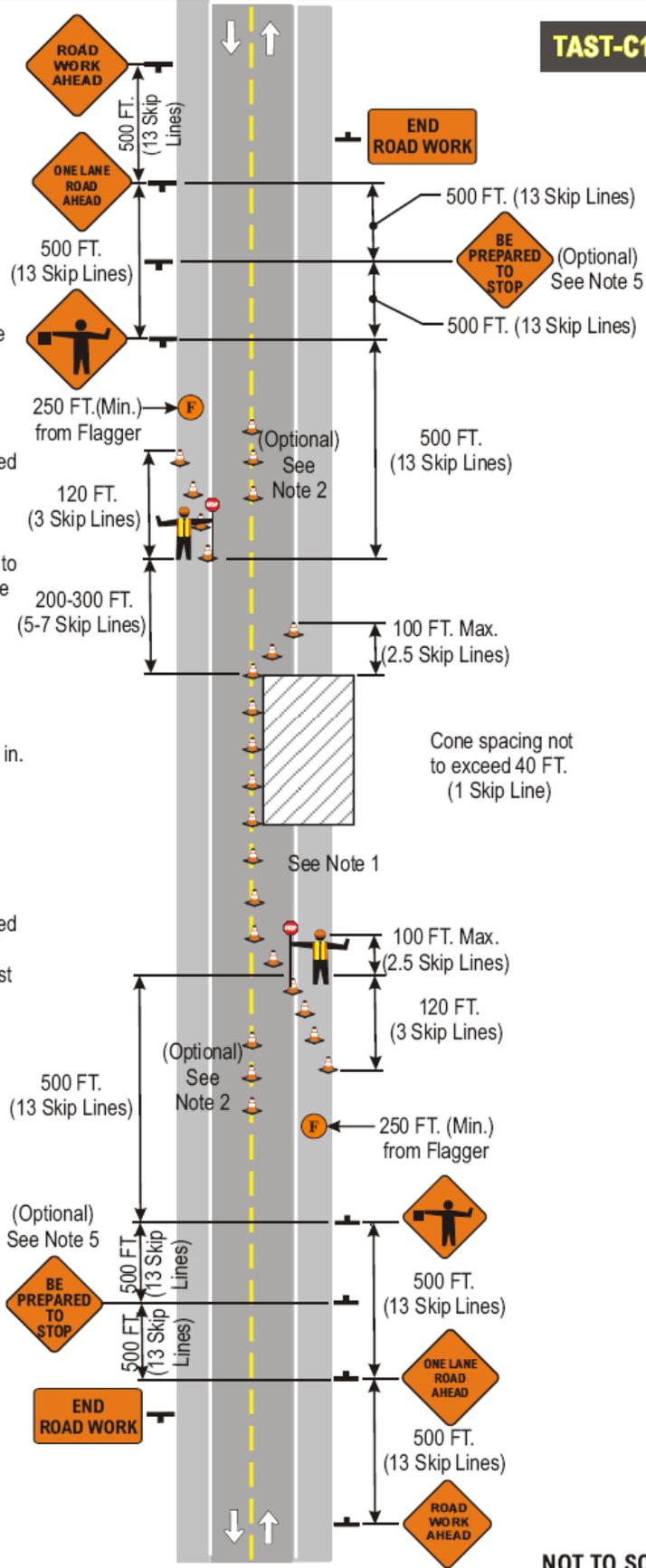
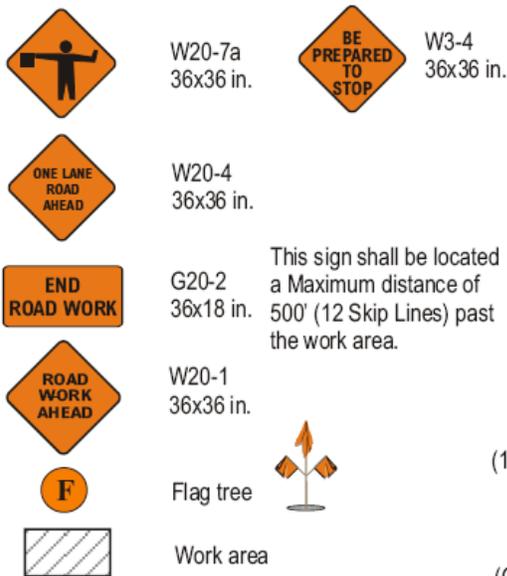
(continued)

**RURAL HIGHWAY**

**TAST-C1R**

Notes:

- Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
- Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) From flagger.
- State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less than 4 hours. If used, State Law sign to be placed 1000 FT. in advance of initial warning sign.
- Flagger Symbol Sign (W20-7a) and "ONE LANE ROAD AHEAD" Sign (W20-4) shall be removed, covered or turned away from road users when flagging operations are not occurring.
- Should the traffic queue up prior to the advance warning signs the "BE PREPARED TO STOP" sign can be added to the sign series at the location shown or the entire advance warning sign series shall be moved to a location prior to the queued traffic.



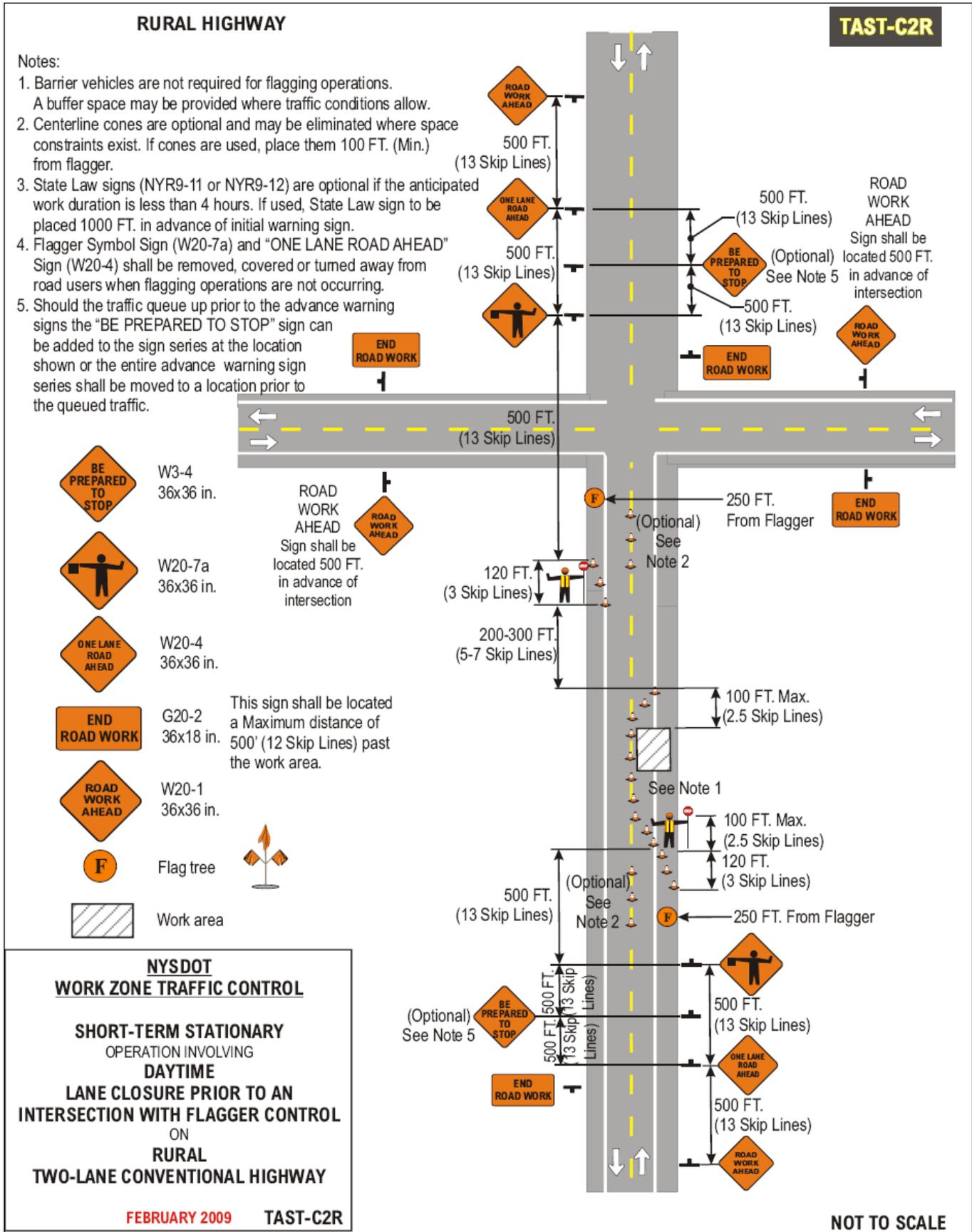
**NYSDOT**  
**WORK ZONE TRAFFIC CONTROL**

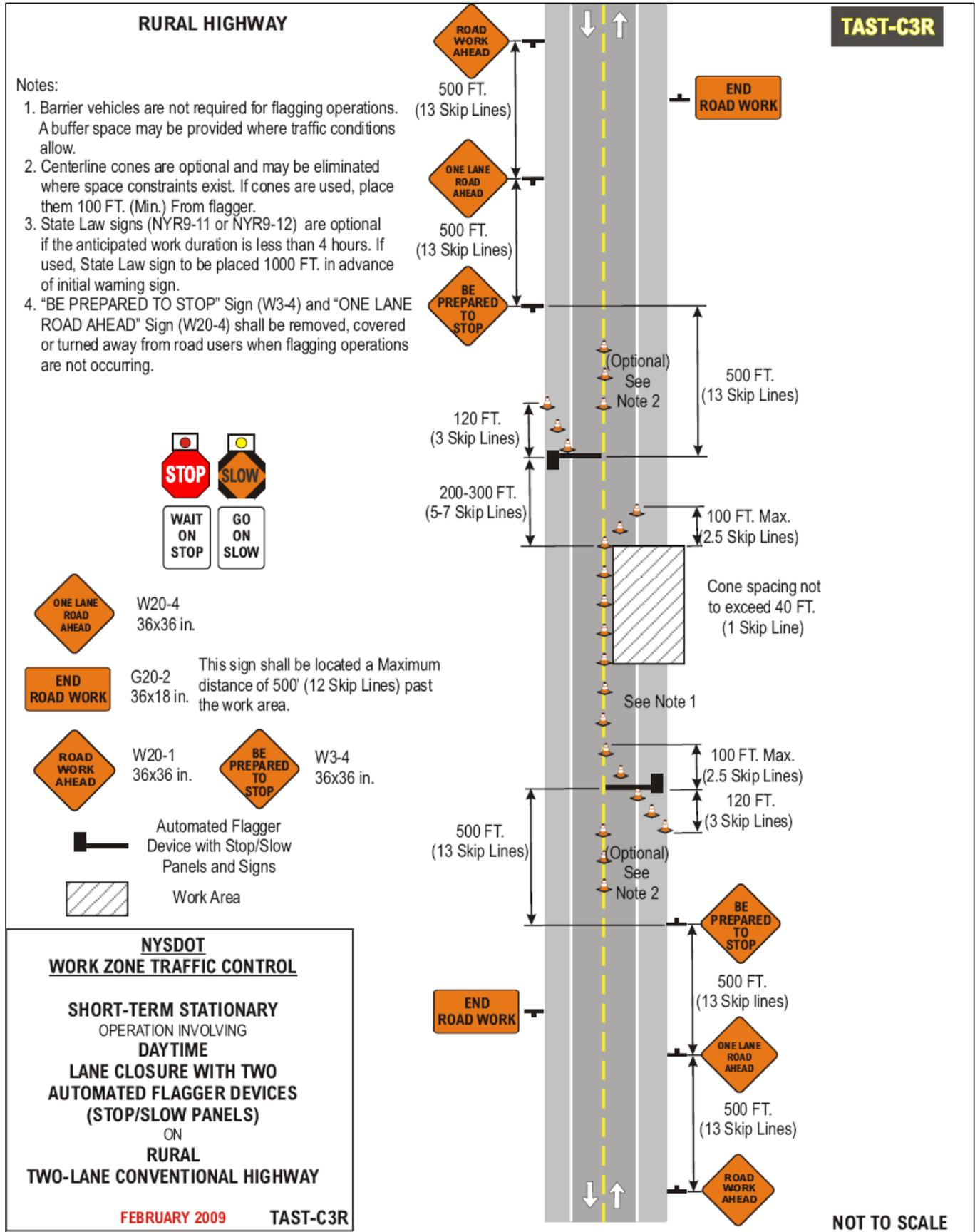
**SHORT-TERM STATIONARY**  
OPERATION INVOLVING  
**DAYTIME**  
**LANE CLOSURE WITH FLAGGERS**  
ON  
**RURAL**  
**TWO-LANE CONVENTIONAL HIGHWAY**

FEBRUARY 2009      TAST-C1R

**NOT TO SCALE**

(continued)





(continued)



**RURAL HIGHWAY**

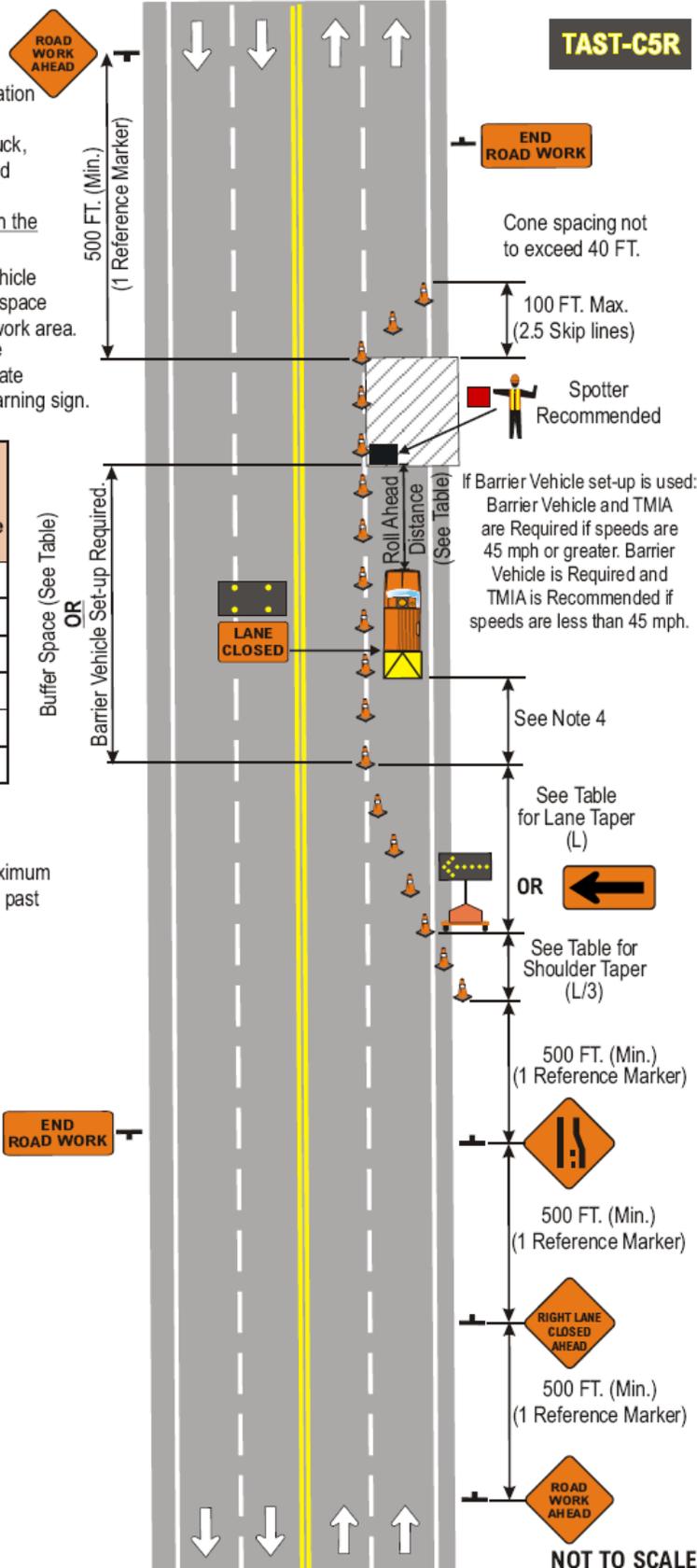
Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. The barrier vehicle shall be an unoccupied large dump truck, with the parking brake set and with the front wheels turned away from the employees in the work area.
3. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
4. Any buffer distance provided in advance of the barrier vehicle set-up will add to the safety of the work area. The buffer space is from the end of the lane taper to the beginning of the work area.
5. State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less than 4 hours. If used, State Law sign to be placed 300-500 FT. In advance of initial warning sign.

| Speed Limit (Mph) | Buffer Space | Taper Lengths based on Lane Shift |      |      | Shoulder Taper based on 4'-6' Shift | Roll Ahead Distance |
|-------------------|--------------|-----------------------------------|------|------|-------------------------------------|---------------------|
|                   |              | 10'                               | 11'  | 12'  |                                     |                     |
| 30                | 200'         | 150'                              | 165' | 180' | 20'-30'                             | 40'                 |
| 35                | 250'         | 205'                              | 225' | 245' | 25'-40'                             | 40'                 |
| 40                | 305'         | 270'                              | 300' | 320' | 35'-50'                             | 40'                 |
| 45                | 360'         | 450'                              | 495' | 540' | 60'-90'                             | 80'                 |
| 50                | 425'         | 500'                              | 550' | 600' | 70'-100'                            | 80'                 |
| 55                | 495'         | 550'                              | 605' | 660' | 75'-110'                            | 80'                 |

W1-6L 48x24 in.  
 G20-2 36x18 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.  
 W4-2R 36x36 in. NYW8-33 48x24 in.  
 W20-1 36x36 in. W20-5R 36x36 in.  
 Arrow Panel (Caution Mode)  
 Barrier Vehicle with TMIA Work Area

**NYSDOT**  
**WORK ZONE TRAFFIC CONTROL**  
**SHORT-TERM STATIONARY**  
 OPERATION INVOLVING  
**RIGHT LANE CLOSURE**  
 (PAVED SHOULDER LESS THAN 8 FT.)  
 ON  
**RURAL**  
**MULTI-LANE CONVENTIONAL HIGHWAY**  
 FEBRUARY 2009 TAST-C5R



**RURAL HIGHWAY**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. In urban conditions, advance warning sign spacing may be reduced to a 100 FT. (Min.) in order to accommodate side streets and driveways.
3. The Barrier Vehicle shall be an unoccupied large dump truck, with the parking brake set and with the front wheels turned away from the employees in the work area.
4. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
5. Any buffer distance provided in advance of the barrier vehicle will add to the safety of the work area. The buffer space is from the end of the lane taper to the beginning of the work area.
6. If using BOTH a Barrier vehicle and a Buffer Space, first place the Barrier Vehicle at the required roll-ahead distance from the work area, and then provide as much Buffer Space as practicable.
7. State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less than 4 hours. If used, State Law sign is to be placed 300 FT. In advance of the initial warning sign.

| Speed Limit (Mph) | Buffer Space          |
|-------------------|-----------------------|
| 45                | 360' (9 Skip Lines)   |
| 50                | 425' (~11 Skip Lines) |
| 55                | 495' (~13 Skip Lines) |

**END ROAD WORK** G20-2 36x18 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

**ROAD WORK AHEAD** W20-1 36x36 in. **CENTER LANE CLOSED AHEAD** W20-5 36x36 in.

**Work Area** **R4-7** 24x30 in.

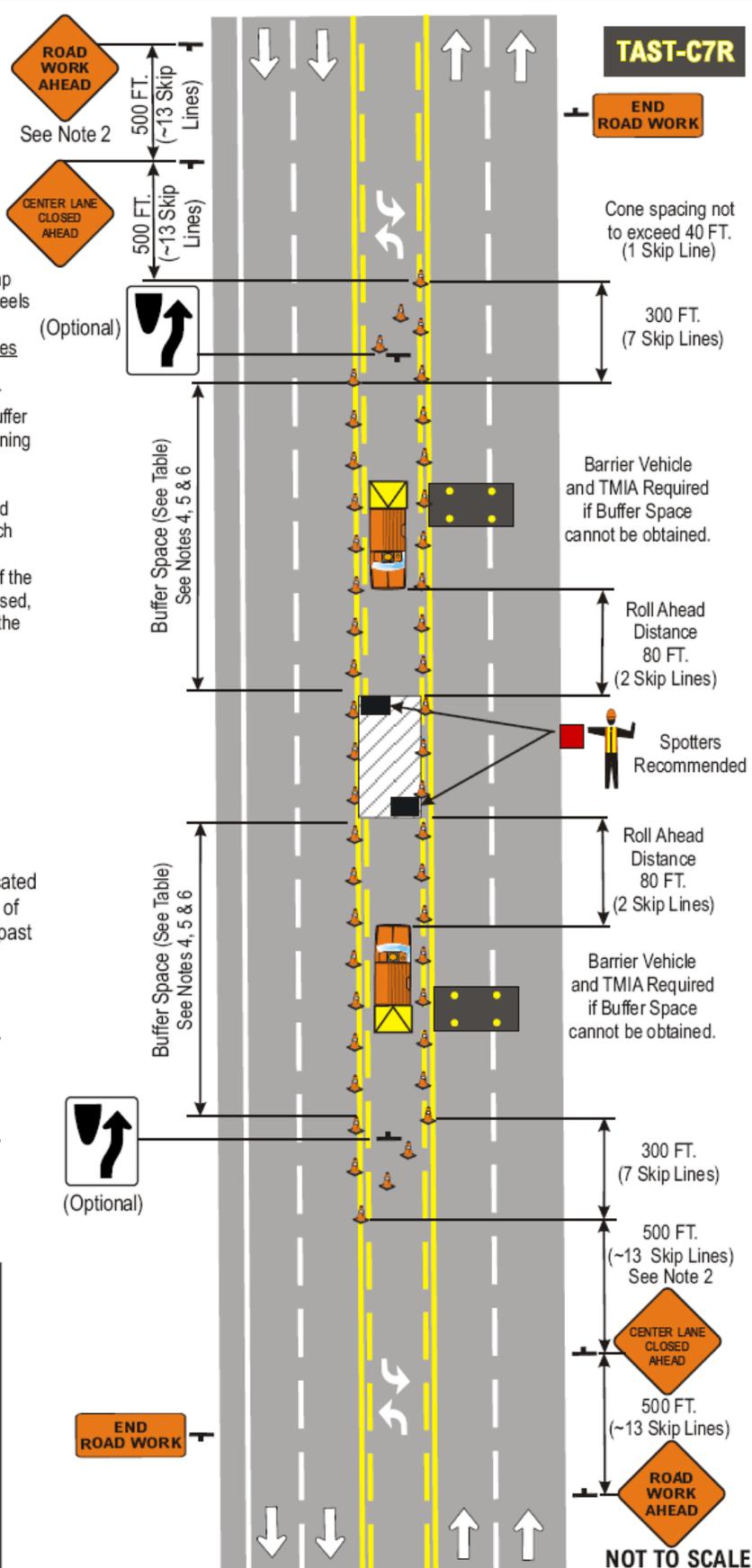
**Arrow Panel (Caution Mode)**

**Barrier Vehicle with TMIA**

**NYSDOT**  
**WORK ZONE TRAFFIC CONTROL**

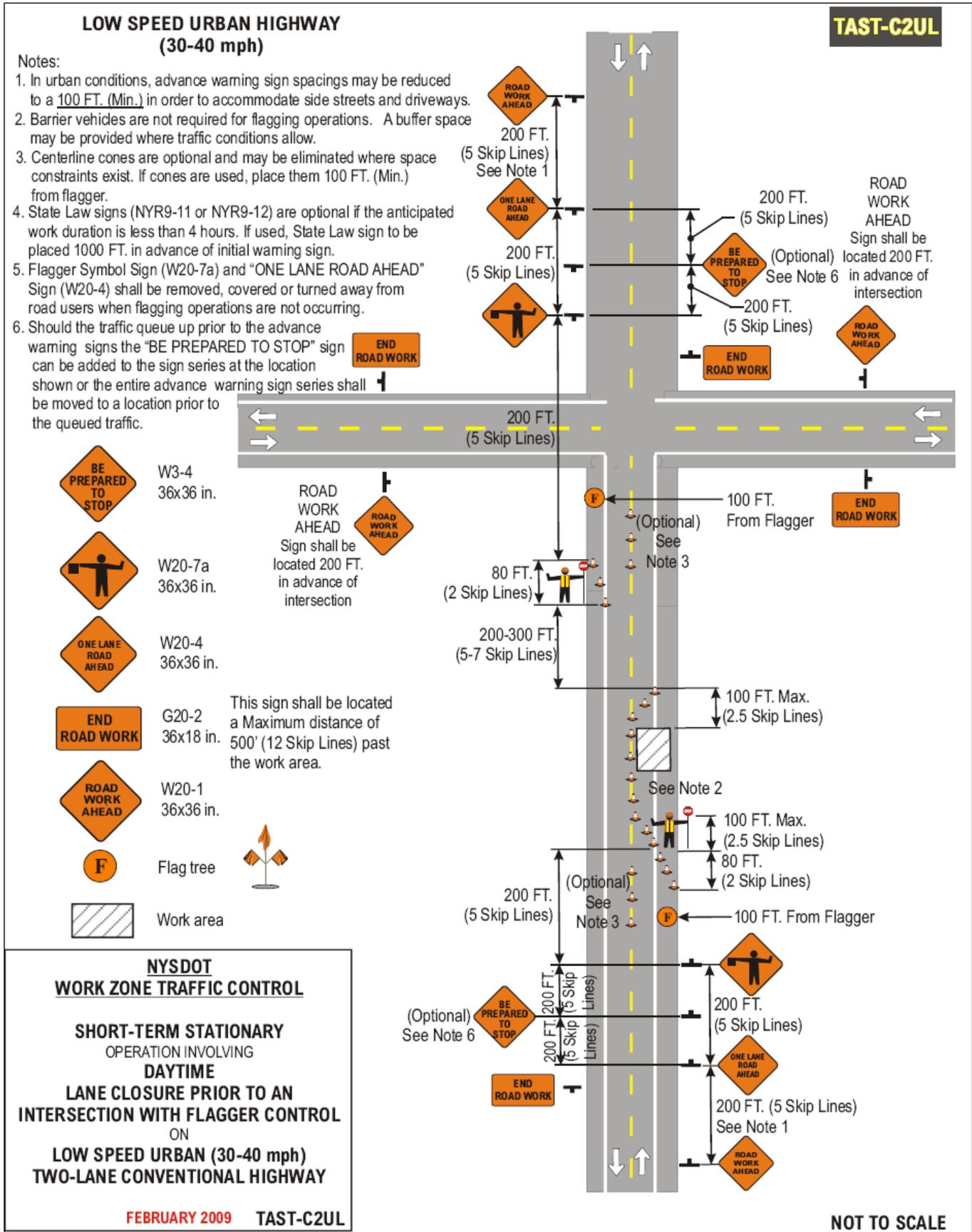
**SHORT-TERM STATIONARY**  
OPERATION INVOLVING  
**TWO-WAY LEFT TURN LANE CLOSURE**  
ON  
**RURAL**  
**CONVENTIONAL HIGHWAY**

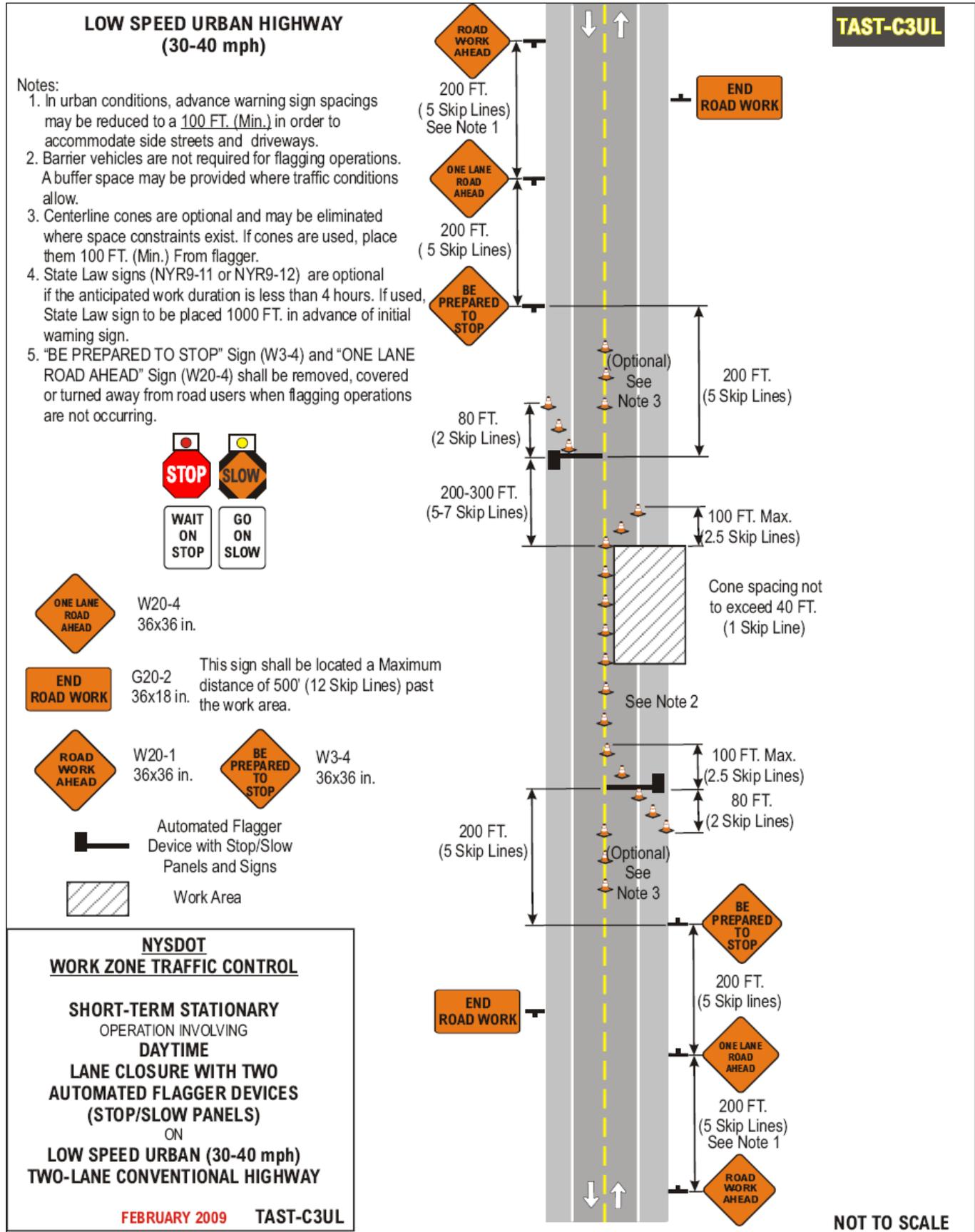
FEBRUARY 2009 TAST-C7R



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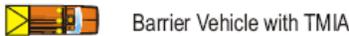
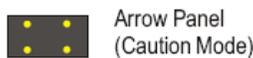
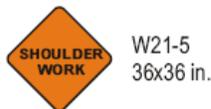
**URBAN HIGHWAY**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. In urban conditions, advance warning sign spacing may be reduced (100 FT. Min.) in order to accommodate side streets and driveways.
3. The barrier vehicle shall be an unoccupied large dump truck, with the parking brake set and with the front wheels turned away from the employees in the work area.
4. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
5. Any buffer distance provided in advance of the barrier vehicle set-up will add to the safety of the work area. The buffer space is from the end of the lane taper to the beginning of the work area.
6. State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less than 4 hours. If used, State Law sign to be placed 300-500 FT. In advance of initial warning sign.

| Speed Limit (Mph) | Buffer Space          | Roll Ahead Distance |
|-------------------|-----------------------|---------------------|
| 30                | 200' (5 Skip Lines)   | 40' (1 Skip Line)   |
| 35                | 250' (~6 Skip Lines)  | 40' (1 Skip Line)   |
| 40                | 305' (~8 Skip Lines)  | 40' (1 Skip Line)   |
| 45                | 360' (9 Skip Lines)   | 80' (2 Skip Lines)  |
| 50                | 425' (~11 Skip Lines) | 80' (2 Skip Lines)  |
| 55                | 495' (~13 Skip Lines) | 80' (2 Skip Lines)  |

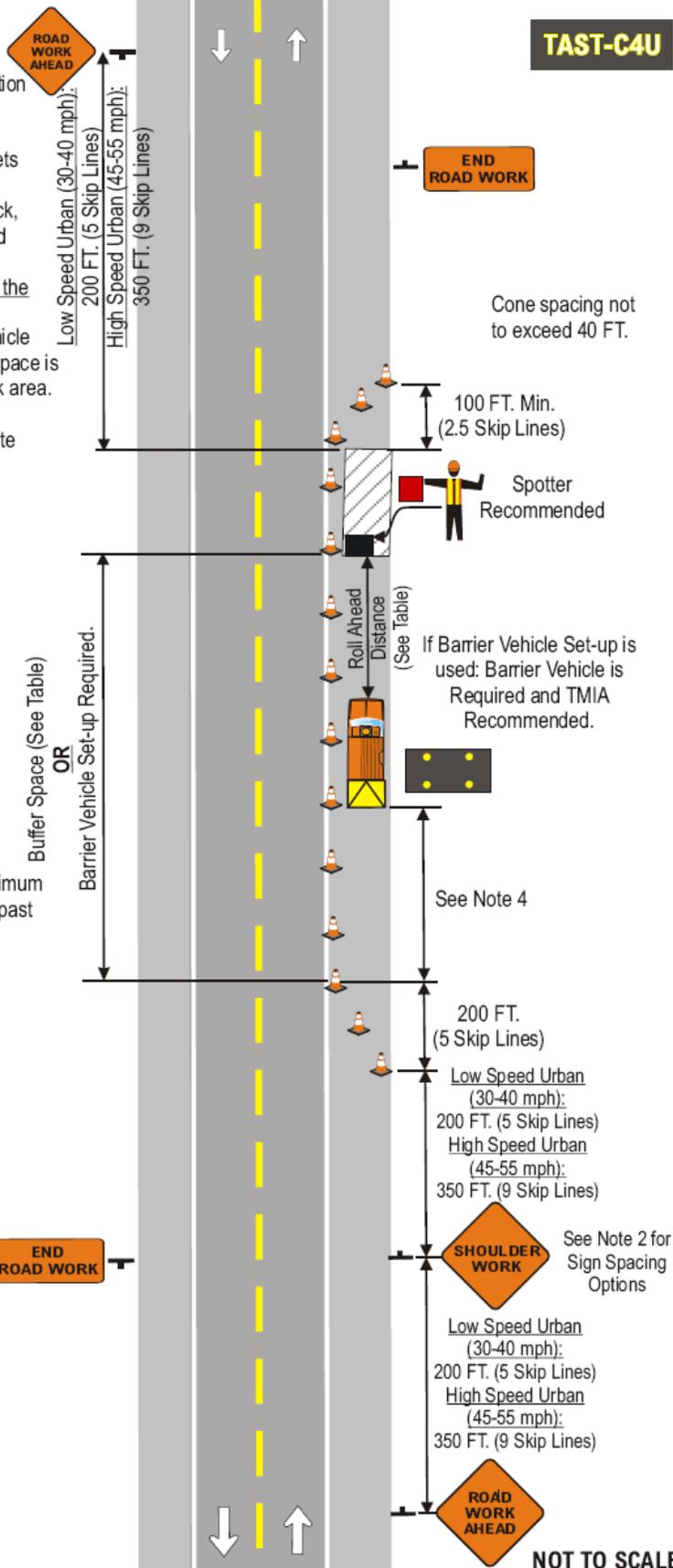
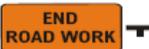
**END ROAD WORK** G20-2 36x18 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.



**NYSDOT**  
**WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY**  
OPERATION INVOLVING  
**SHOULDER CLOSURE**  
(PAVED SHOULDER 8 FT. OR WIDER)  
ON  
**URBAN**  
**TWO-LANE CONVENTIONAL HIGHWAY**

FEBRUARY 2009 TAST-C4U



(continued)

**LOW SPEED URBAN HIGHWAY  
(30-40 mph)**

**TAST-C5UL**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. In urban conditions, advance warning sign spacing may be reduced to a 100 FT. (Min.) in order to accommodate side streets and driveways.
3. The Barrier Vehicle shall be an unoccupied large dump truck, with the parking brake set and with the front wheels turned away from the employees in the work area.
4. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
5. Any buffer distance provided in advance of the barrier vehicle set-up will add to the safety of the work area. The buffer space is from the end of the lane taper to the beginning of the work area.
6. State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less than 4 hours. If used, State Law sign is to be placed 300 FT. In advance of the initial warning sign.

| Speed Limit (Mph) | Buffer Space         |
|-------------------|----------------------|
| 30                | 200' (5 Skip Lines)  |
| 35                | 250' (~7 Skip Lines) |
| 40                | 305' (~8 Skip Lines) |

**END ROAD WORK** G20-2 36x18 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

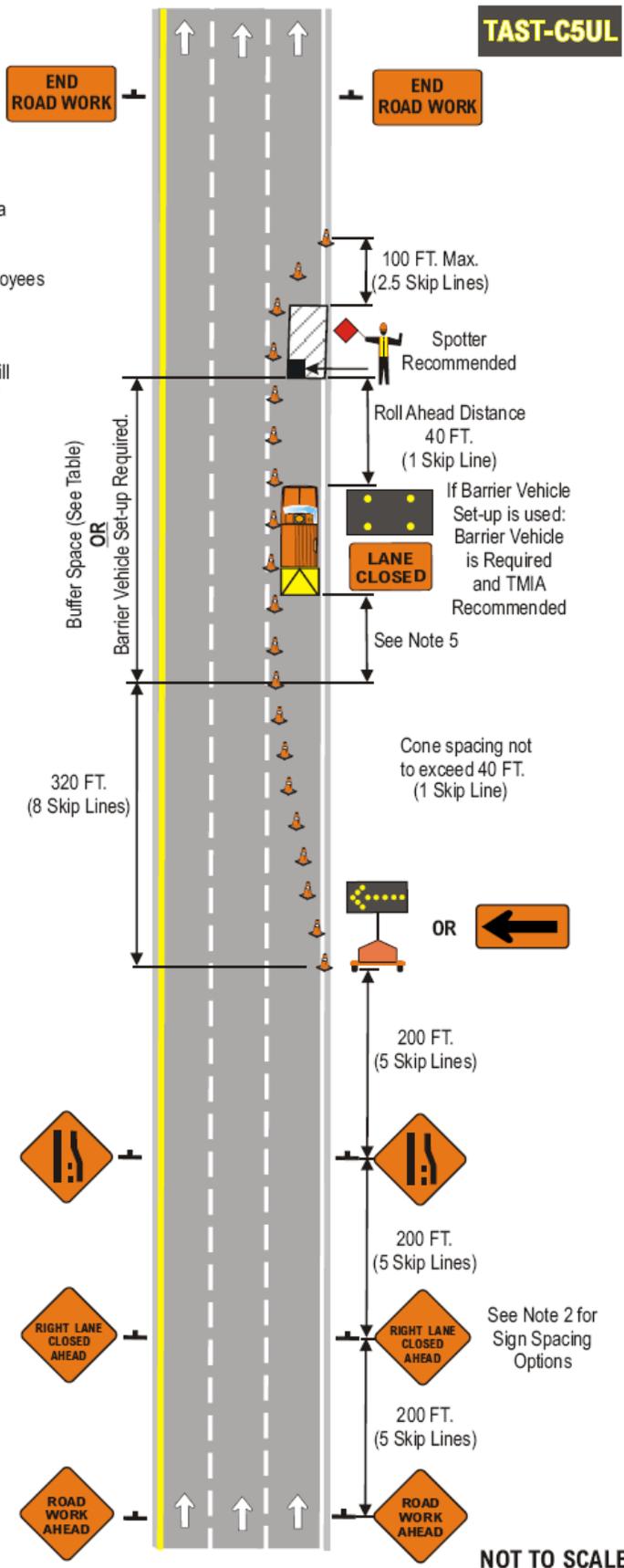
**ROAD WORK AHEAD** W20-1 36x36 in. **ROAD WORK AHEAD** W4-2R 36x36 in.

**LANE CLOSED** NYW8-33 48x24 in. **RIGHT LANE CLOSED AHEAD** W20-5R 36x36 in.

**←** W1-6L 48x24 in.

**Arrow Panel (Caution Mode)**

**Barrier Vehicle with TMIA** **Work Area**



**NYSDOT  
WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY  
OPERATION INVOLVING  
RIGHT LANE CLOSURE  
(CURBED OR NO SHOULDER)  
ON  
LOW SPEED URBAN (30-40 mph)  
ONE-WAY CONVENTIONAL HIGHWAY**

**FEBRUARY 2009 TAST-C5UL**

NOT TO SCALE

**LOW SPEED URBAN HIGHWAY  
(30-40 mph)**

**END ROAD WORK**

**END ROAD WORK**

**TAST-C6UL**

**Notes:**

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. In urban conditions, advance warning sign spacing may be reduced to a 100 FT. (Min.) in order to accommodate side streets and driveways.
3. The Barrier Vehicle shall be an unoccupied large dump truck with the parking brake set and with the front wheels turned away from the employees in the work area.
4. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
5. Any buffer distance provided in advance of the barrier vehicle set-up will add to the safety of the work area. The buffer space is from the end of the lane taper to the beginning of the work area.
6. State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less than 4 hours. If used, State Law sign is to be placed 300 FT. In advance of the initial warning sign.

| Speed Limit (Mph) | Buffer Space         |
|-------------------|----------------------|
| 30                | 200' (5 Skip Lines)  |
| 35                | 250' (~7 Skip Lines) |
| 40                | 305' (~8 Skip Lines) |

**END ROAD WORK** G20-2 36x18 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

**RIGHT TWO LANES CLOSED AHEAD** W20-5aR 36x36 in.

**LANE ENDS MERGE LEFT** W9-2L 36x36 in.

**ROAD WORK AHEAD** W20-1 36x36 in.

**LANE ENDS MERGE LEFT** W4-2R 36x36 in.

**LANE CLOSED** NYW8-33 48x24 in.

**LANE CLOSED** W1-6L 48x24 in.

Work Area

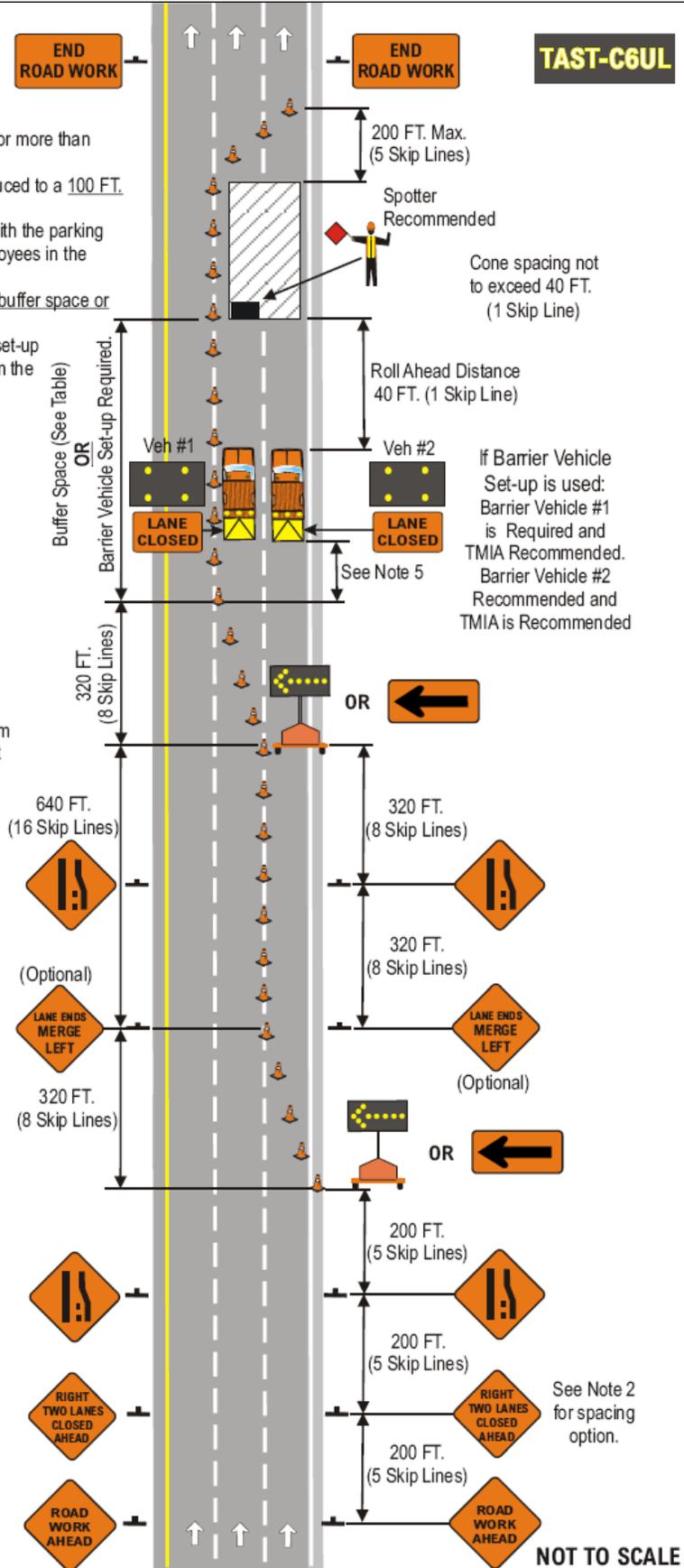
Arrow Panel (Caution Mode)

Barrier Vehicle with TMIA

**NYSDOT  
WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY  
OPERATION INVOLVING  
RIGHT TWO LANE CLOSURE  
(CURBED OR NO SHOULDER)  
ON  
LOW SPEED URBAN (30-40 mph)  
ONE-WAY CONVENTIONAL HIGHWAY**

FEBRUARY 2009 TAST-C6UL



Cone spacing not to exceed 40 FT. (1 Skip Line)

If Barrier Vehicle Set-up is used: Barrier Vehicle #1 is Required and TMIA Recommended. Barrier Vehicle #2 Recommended and TMIA is Recommended

See Note 2 for spacing option.

**NOT TO SCALE**

**LOW SPEED URBAN HIGHWAY  
(30-40 mph)**

Notes:

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3. The Barrier Vehicle shall be an unoccupied large dump truck, with the parking brake set and with the front wheels turned away from the employees in the work area.
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5. Any buffer distance provided in advance of the barrier vehicle will add to the safety of the work area. The buffer space is from the end of the lane taper to the beginning of the work area.
6. If using **BOTH** a Barrier vehicle and a Buffer Space, first place the Barrier Vehicle at the required roll-ahead distance from the work area, and then provide as much Buffer Space as practicable.
7. State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less than 4 hours. If used, State Law sign is to be placed 300 FT. In advance of the initial warning sign.

| Speed Limit (Mph) | Buffer Space         |
|-------------------|----------------------|
| 30                | 200' (5 Skip Lines)  |
| 35                | 250' (~7 Skip Lines) |
| 40                | 305' (~8 Skip Lines) |

**END ROAD WORK** G20-2 36x18 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

**ROAD WORK AHEAD** W20-1 36x36 in. **CENTER LANE CLOSED AHEAD** W20-5 36x36 in.

Work Area R4-7 24x30 in.

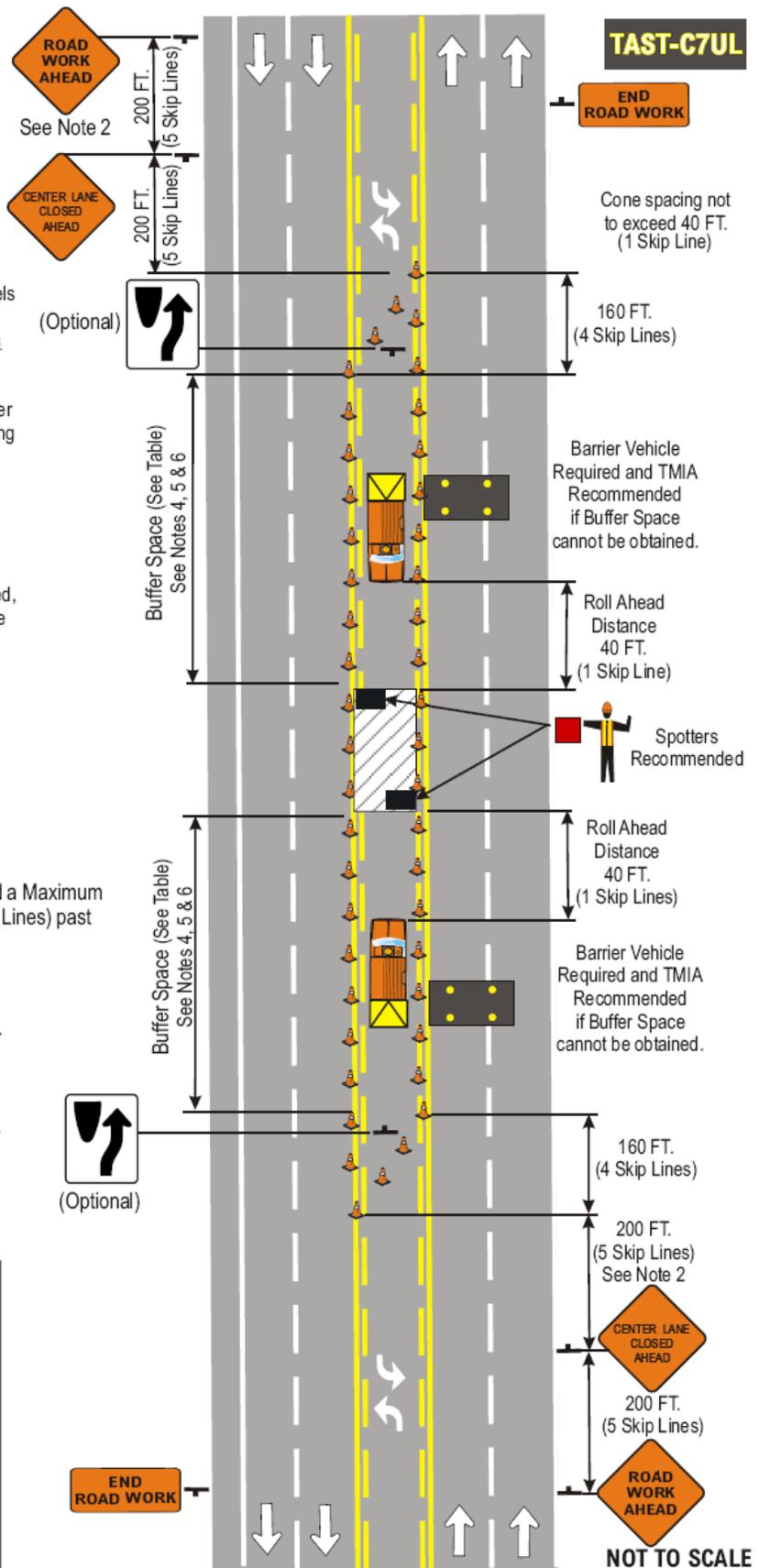
Arrow Panel (Caution Mode)

Barrier Vehicle with TMIA

**NYSDOT  
WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY  
OPERATION INVOLVING  
TWO-WAY LEFT TURN LANE CLOSURE  
ON  
LOW SPEED URBAN (30-40 mph)  
CONVENTIONAL HIGHWAY**

FEBRUARY 2009 TAST-C7UL



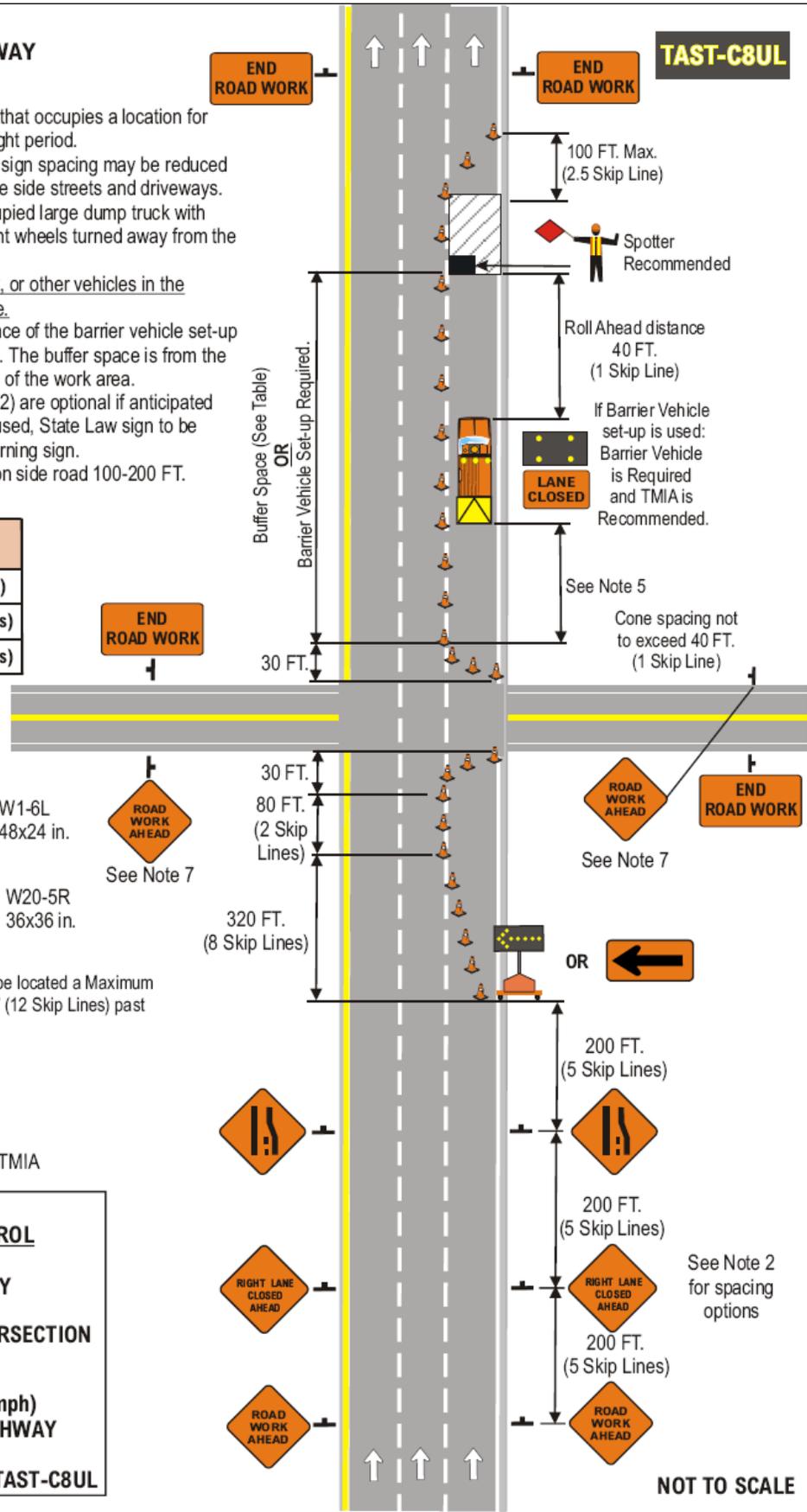
**LOW SPEED URBAN HIGHWAY  
(30-40 mph)**

**TAST-C8UL**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
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4. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
5. Any buffer distance provided in advance of the barrier vehicle set-up will add to the safety of the work area. The buffer space is from the end of the lane taper to the beginning of the work area.
6. State Law signs (NYR9-11 or NYR9-12) are optional if anticipated work duration is less than 4 hours. If used, State Law sign to be placed 300 FT in advance of initial warning sign.
7. Place "ROAD WORK AHEAD" signs on side road 100-200 FT. In advance of intersection.

| Speed Limit (Mph) | Buffer Space         |
|-------------------|----------------------|
| 30                | 200' (5 Skip Lines)  |
| 35                | 250' (~7 Skip Lines) |
| 40                | 305' (~8 Skip Lines) |



**LANE CLOSED** NYW8-33  
36x18 in.



W4-2R  
36x36 in.



W1-6L  
48x24 in.



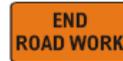
See Note 7



W20-1  
36x36 in.



W20-5R  
36x36 in.



G20-2 This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.  
36x18 in.



Work Area



Arrow Panel  
(Caution Mode)



Barrier Vehicle with TMIA

**NYSDOT  
WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY  
OPERATION INVOLVING  
RIGHT LANE CLOSURE THRU INTERSECTION  
(CURBED OR NO SHOULDER)  
ON  
LOW SPEED URBAN (30-40 mph)  
ONE-WAY CONVENTIONAL HIGHWAY**

FEBRUARY 2009 TAST-C8UL

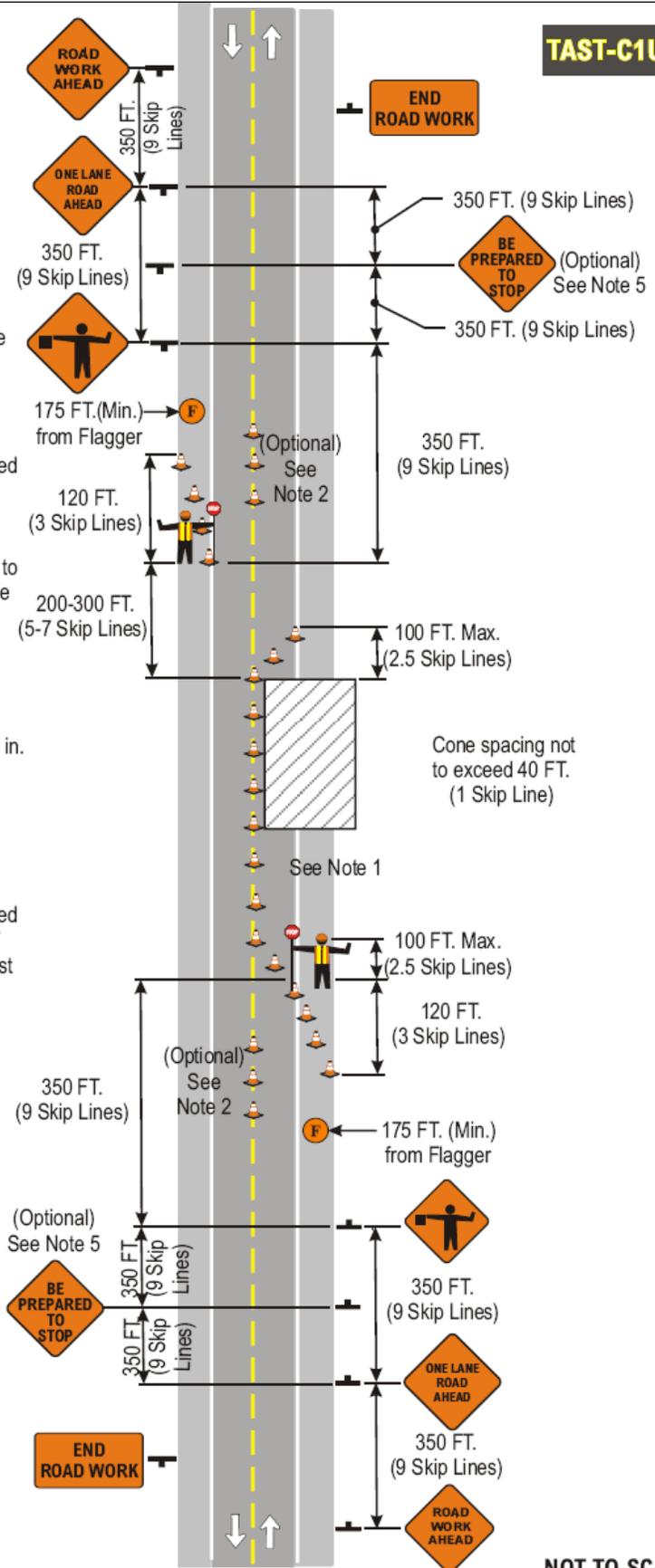
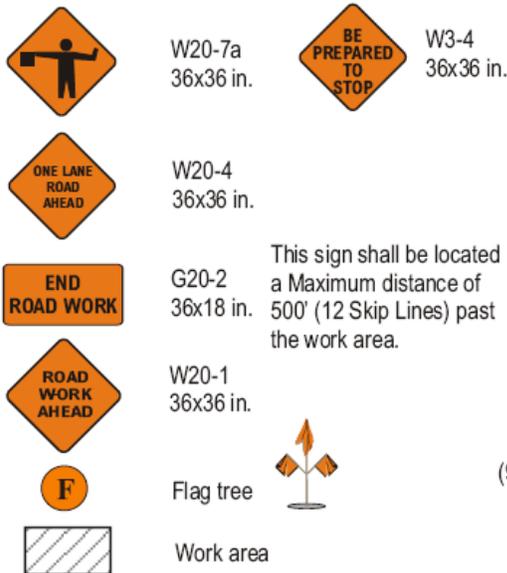
NOT TO SCALE

**HIGH SPEED URBAN HIGHWAY  
 (45-55 mph)**

**TAST-C1UH**

Notes:

- Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
- Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) From flagger.
- State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less than 4 hours. If used, State Law sign to be placed 1000 FT. in advance of initial warning sign.
- Flagger Symbol Sign (W20-7a) and "ONE LANE ROAD AHEAD" Sign (W20-4) shall be removed, covered or turned away from road users when flagging operations are not occurring.
- Should the traffic queue up prior to the advance warning signs the "BE PREPARED TO STOP" sign can be added to the sign series at the location shown or the entire advance warning sign series shall be moved to a location prior to the queued traffic.



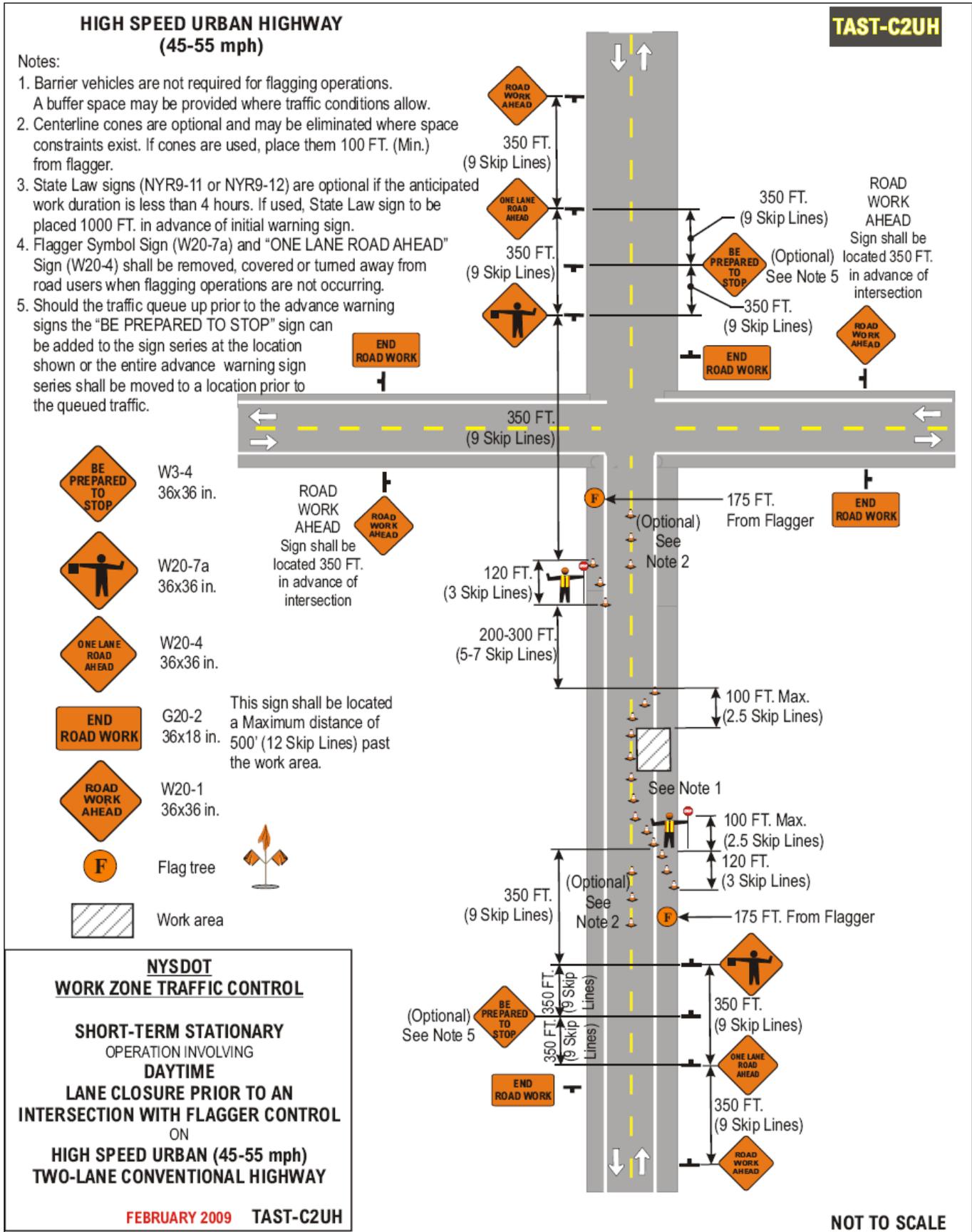
**NYSDOT  
 WORK ZONE TRAFFIC CONTROL**

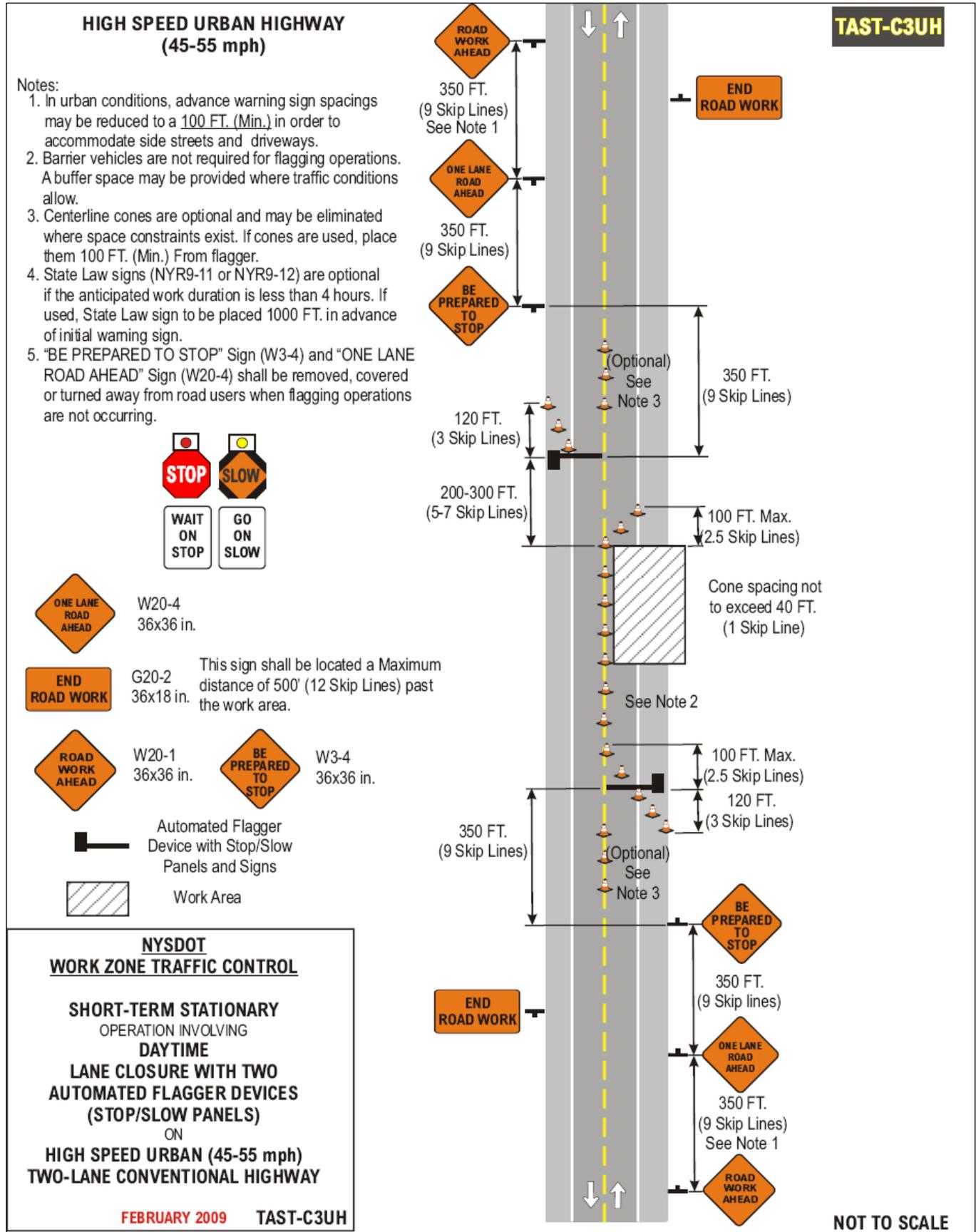
**SHORT-TERM STATIONARY  
 OPERATION INVOLVING  
 DAYTIME  
 LANE CLOSURE WITH FLAGGERS  
 ON  
 HIGH SPEED URBAN (45-55 mph)  
 TWO-LANE CONVENTIONAL HIGHWAY**

FEBRUARY 2009 TAST-C1UH

NOT TO SCALE

(continued)





**HIGH SPEED URBAN HIGHWAY  
 (45-55 mph)**

**TAST-C5UH**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. In urban conditions, advance warning sign spacing may be reduced to a 100 FT. (Min.) in order to accommodate side streets and driveways.
3. The Barrier Vehicle shall be an unoccupied large dump truck, with the parking brake set and with the front wheels turned away from the employees in the work area.
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5. Any buffer distance provided in advance of the barrier vehicle set-up will add to the safety of the work area. The buffer space is from the end of the lane taper to the beginning of the work area.
6. State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less than 4 hours. If used, State Law sign is to be placed 300 FT. In advance of the initial warning sign.

| Speed Limit (Mph) | Buffer Space          |
|-------------------|-----------------------|
| 45                | 360' (9 Skip Lines)   |
| 50                | 425' (~11 Skip Lines) |
| 55                | 495' (~13 Skip Lines) |



G20-2  
36x18 in.  
This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.



W20-1  
36x36 in.



W4-2R  
36x36 in.



NYW8-33  
48x24 in.



W20-5R  
36x36 in.



W1-6L  
48x24 in.



Arrow Panel  
(Caution Mode)

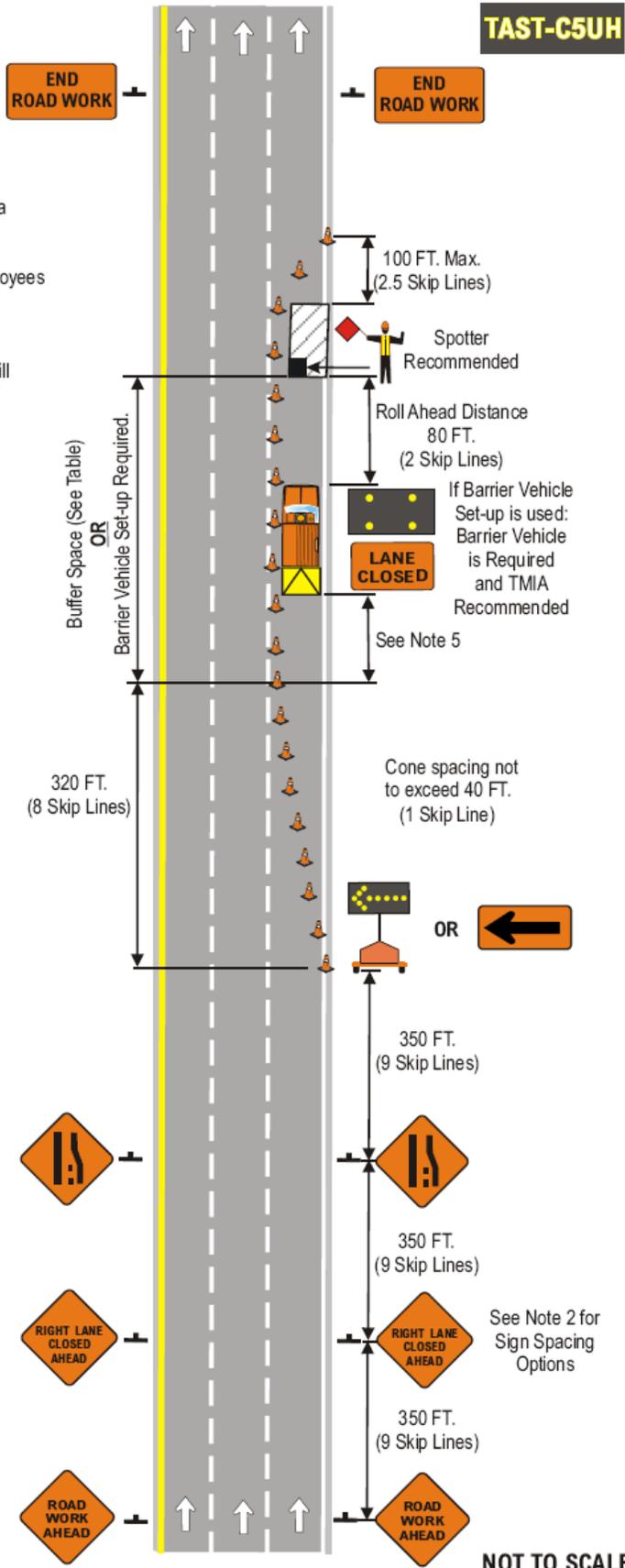


Barrier Vehicle with TMIA  
Work Area

**NYSDOT  
 WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY  
 OPERATION INVOLVING  
 RIGHT LANE CLOSURE  
 (PAVED SHOULDER LESS THAN 8 FT.)  
 ON  
 HIGH SPEED URBAN (45-55 mph)  
 ONE-WAY CONVENTIONAL HIGHWAY**

**FEBRUARY 2009 TAST-C5UH**



(continued)

**HIGH SPEED URBAN HIGHWAY  
(45-55 mph)**

END ROAD WORK

END ROAD WORK

**TAST-C6UH**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
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3. The Barrier Vehicle shall be an unoccupied large dump truck with the parking brake set and with the front wheels turned away from the employees in the work area.
4. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
5. Any buffer distance provided in advance of the barrier vehicle set-up will add to the safety of the work area. The buffer space is from the end of the lane taper to the beginning of the work area.
6. State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less than 4 hours. If used, State Law sign is to be placed 300 FT. In advance of the initial warning sign.

| Speed Limit (Mph) | Buffer Space          |
|-------------------|-----------------------|
| 45                | 360' (9 Skip Lines)   |
| 50                | 425' (~11 Skip Lines) |
| 55                | 495' (~13 Skip Lines) |

**END ROAD WORK** G20-2 36x18 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

**RIGHT TWO LANES CLOSED AHEAD** W20-5aR 36x36 in. **LANE ENDS MERGE LEFT** W9-2L 36x36 in.

**ROAD WORK AHEAD** W20-1 36x36 in. **LANE ENDS MERGE LEFT** W4-2R 36x36 in.

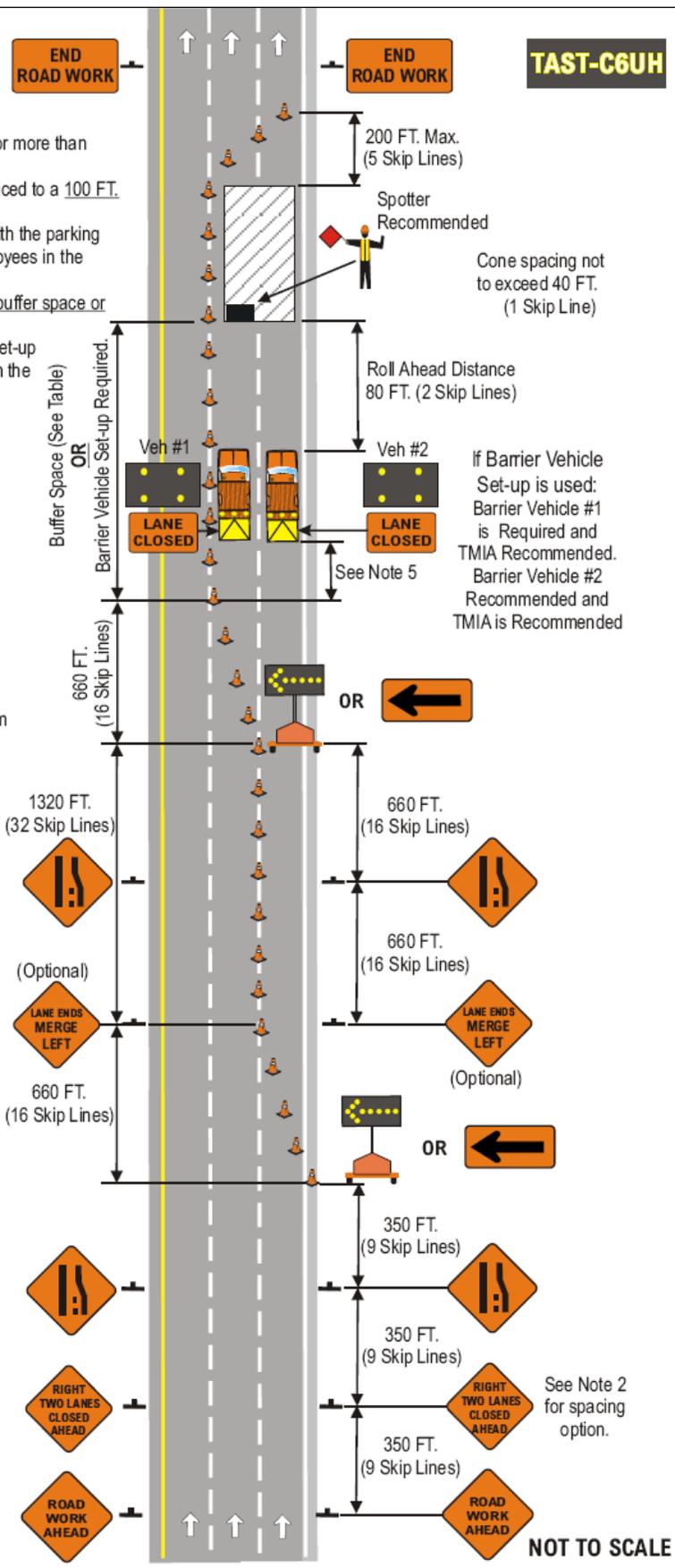
**LANE CLOSED** NYW8-33 48x24 in. **LANE ENDS MERGE LEFT** W1-6L 48x24 in.

- Work Area
- Arrow Panel (Caution Mode)
- Barrier Vehicle with TMIA

**NYSDOT  
WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY  
OPERATION INVOLVING  
RIGHT TWO LANE CLOSURE  
(CURBED OR NO SHOULDER)  
ON  
HIGH SPEED URBAN (45-55 mph)  
ONE-WAY CONVENTIONAL HIGHWAY**

**FEBRUARY 2009 TAST-C6UH**



(continued)

**HIGH SPEED URBAN HIGHWAY  
(45-55 mph)**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. In urban conditions, advance warning sign spacing may be reduced to a 100 FT.(Min.) in order to accommodate side streets and driveways.
3. The Barrier Vehicle shall be an unoccupied large dump truck, with the parking brake set and with the front wheels turned away from the employees in the work area.
4. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
5. Any buffer distance provided in advance of the barrier vehicle will add to the safety of the work area. The buffer space is from the end of the lane taper to the beginning of the work area.
6. If using BOTH a Barrier vehicle and a Buffer Space, first place the Barrier Vehicle at the required roll-ahead distance from the work area, and then provide as much Buffer Space as practicable.
7. State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less that 4 hours. If used, State Law sign is to be placed 300 FT. In advance of the initial warning sign.

| Speed Limit (Mph) | Buffer Space          |
|-------------------|-----------------------|
| 45                | 360' (9 Skip Lines)   |
| 50                | 425' (~11 Skip Lines) |
| 55                | 495' (~13 Skip Lines) |

**END ROAD WORK** G20-2 36x18 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

**ROAD WORK AHEAD** W20-1 36x36 in. **CENTER LANE CLOSED AHEAD** W20-5 36x36 in.

**Work Area** **R4-7** 24x30 in.

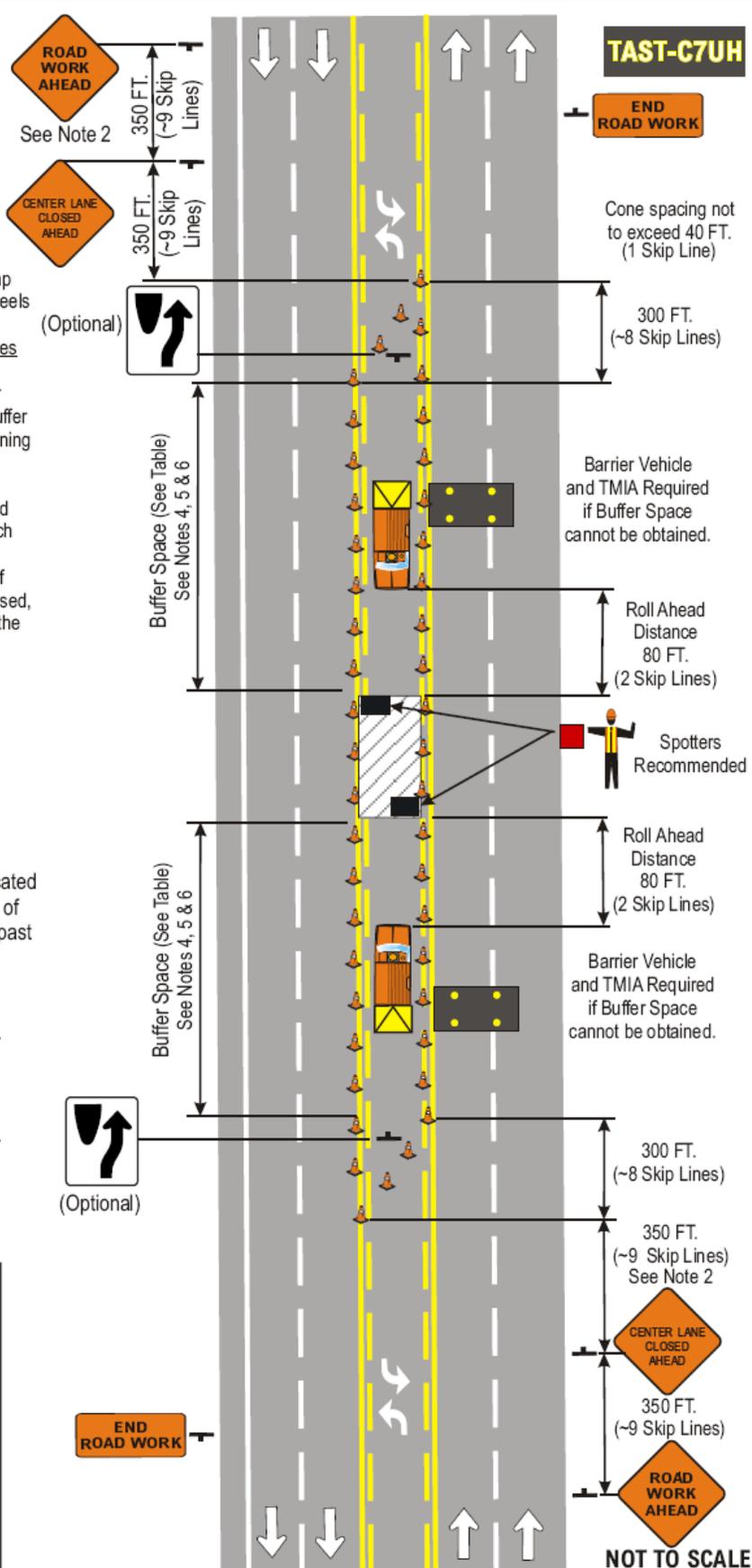
**Arrow Panel (Caution Mode)**

**Barrier Vehicle with TMIA**

**NYSDOT  
WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY  
OPERATION INVOLVING  
TWO-WAY LEFT TURN LANE CLOSURE  
ON  
HIGH SPEED URBAN (45-55 mph)  
CONVENTIONAL HIGHWAY**

**FEBRUARY 2009 TAST-C7UH**



(continued)

**HIGH SPEED URBAN HIGHWAY  
 (45-55 mph)**

**TAST-C8UH**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. In urban conditions, advance warning sign spacing may be reduced to a 100 FT. (Min.) in order to accommodate side streets and driveways.
3. The barrier vehicle shall be an unoccupied large dump truck with the parking brake set and with the front wheels turned away from the employees in the work area.
4. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
5. Any buffer distance provided in advance of the barrier vehicle set-up will add to the safety of the work area. The buffer space is from the end of the lane taper to the beginning of the work area.
6. State Law signs (NYR9-11 or NYR9-12) are optional if the anticipated work duration is less than 4 hours. If used, State Law sign to be placed 300 FT. in advance of initial warning sign.
7. Place "ROAD WORK AHEAD" signs on side road 100-200 FT. In advance of intersection.

| Speed Limit (Mph) | Buffer Space          |
|-------------------|-----------------------|
| 45                | 360' (9 Skip Lines)   |
| 50                | 425' (~11 Skip Lines) |
| 55                | 495' (~13 Skip Lines) |

**LANE CLOSED** NYW8-33  
36x18 in.

**ROAD WORK AHEAD** W4-2R  
36x36 in.

**ROAD WORK AHEAD** W20-1  
36x36 in.

**END ROAD WORK** G20-2  
36x18 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

**ROAD WORK AHEAD** W1-6L  
48x24 in.

**RIGHT LANE CLOSED AHEAD** W20-5R  
36x36 in.

Work Area

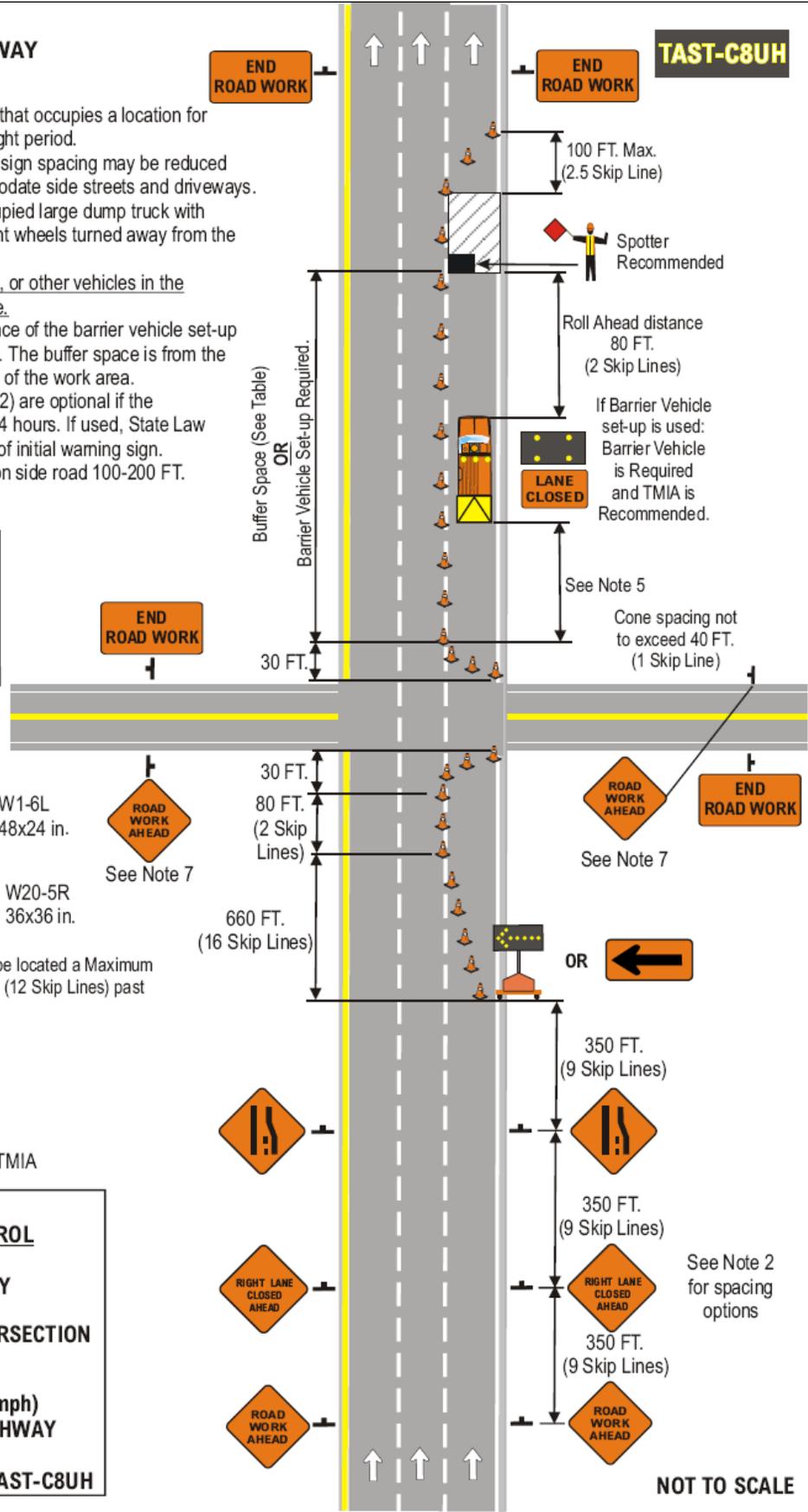
Arrow Panel (Caution Mode)

Barrier Vehicle with TMIA

**NYSDOT  
 WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY  
 OPERATION INVOLVING  
 RIGHT LANE CLOSURE THRU INTERSECTION  
 (CURBED OR NO SHOULDER)  
 ON  
 HIGH SPEED URBAN (45-55 mph)  
 ONE-WAY CONVENTIONAL HIGHWAY**

FEBRUARY 2009 TAST-C8UH



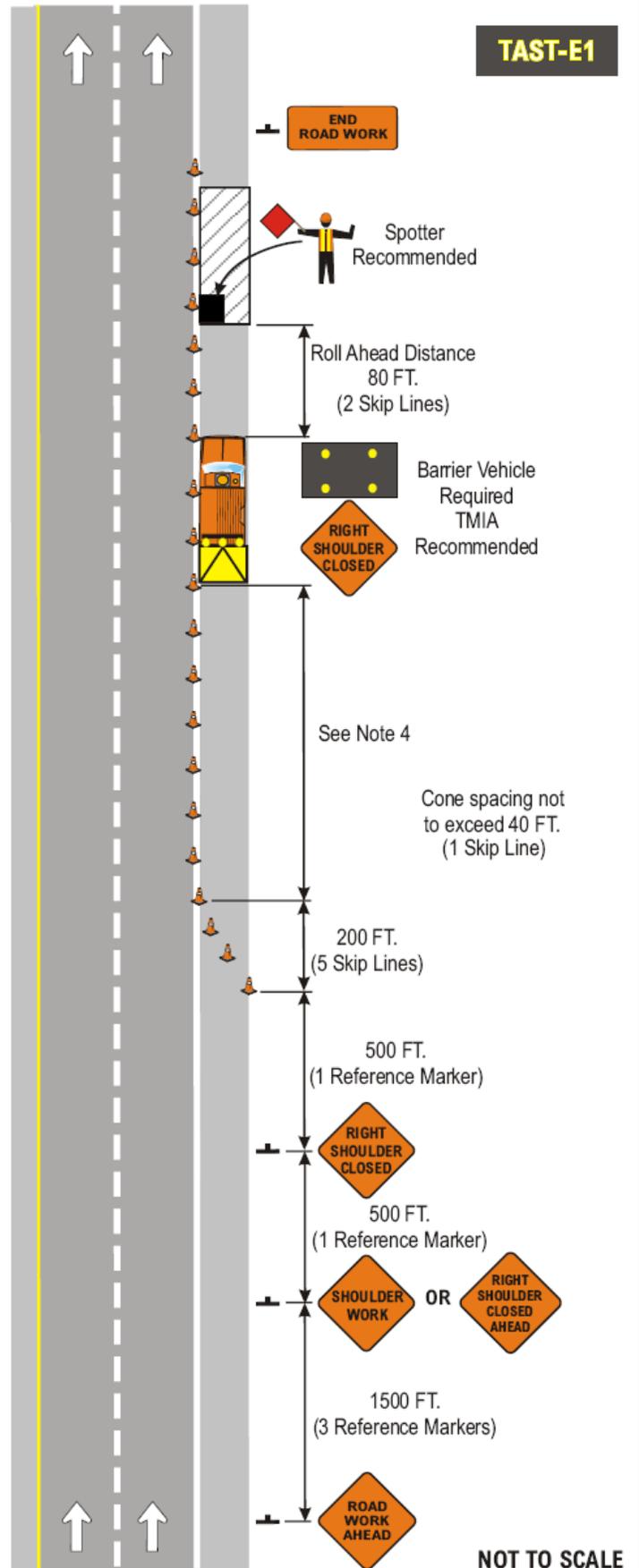
(continued)

**FREEWAY OR EXPRESSWAY**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. The barrier vehicle shall be an unoccupied large dump truck with the parking brake set left in low or reverse gear and with the front wheels turned away from the employees in the work area.
3. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
4. Any buffer distance provided in advance of the barrier vehicle will add to the safety of the work area.
5. State Law signs (NYR9-11 or NYR9-12) are optional if anticipated work duration is less than 4 hours. If used, State Law sign to be placed 1000 FT. in advance of initial warning sign.

**TAST-E1**



|  |                      |   |                      |
|--|----------------------|---|----------------------|
|  | G20-2<br>48x24 in.   | This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area. |                      |
|  | W21-5aR<br>48x48 in. |   | W20-1<br>48x48 in.   |
|  | W21-5<br>48x48 in.   |   | W21-5bR<br>48x48 in. |

|  |                            |
|--|----------------------------|
|  | Work Area                  |
|  | Arrow Panel (Caution Mode) |
|  | Barrier Vehicle with TMIA  |

**NYSDOT**  
**WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY**  
 OPERATION INVOLVING  
**SHOULDER CLOSURE**  
 (PAVED SHOULDER 8 FT. OR WIDER)  
 ON  
**FREEWAY OR EXPRESSWAY**

AUGUST 2008      TAST-E1

(continued)

NOT TO SCALE

**FREEWAY OR EXPRESSWAY**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. The barrier vehicle shall be an unoccupied large dump truck with the parking brake set and with the front wheels turned away from the employees in the work area.
3. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
4. Any buffer distance provided in advance of the barrier vehicle will add to the safety of the work area.
5. State Law signs (NYR9-11 or NYR9-12) are optional if anticipated work duration is less than 4 hours. If used, State Law sign to be placed 1000 FT. in advance of initial warning sign.

| Speed Limit (Mph) | Taper Lengths based on Lane Shift |      |      |
|-------------------|-----------------------------------|------|------|
|                   | 10'                               | 11'  | 12'  |
| 55                | 550'                              | 605' | 660' |
| 60                | 600'                              | 660' | 720' |
| 65                | 650'                              | 715' | 760' |

**END ROAD WORK** G20-2 48x24 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

**LANE CLOSED** NYW8-33 48x24 in. **ROAD WORK 1 MILE** W20-1 48x48 in.

**RIGHT LANE CLOSED 1/2 MILE** W20-5R 48x48 in. **LANE CLOSED** W4-2R 48x48 in.

Work Area

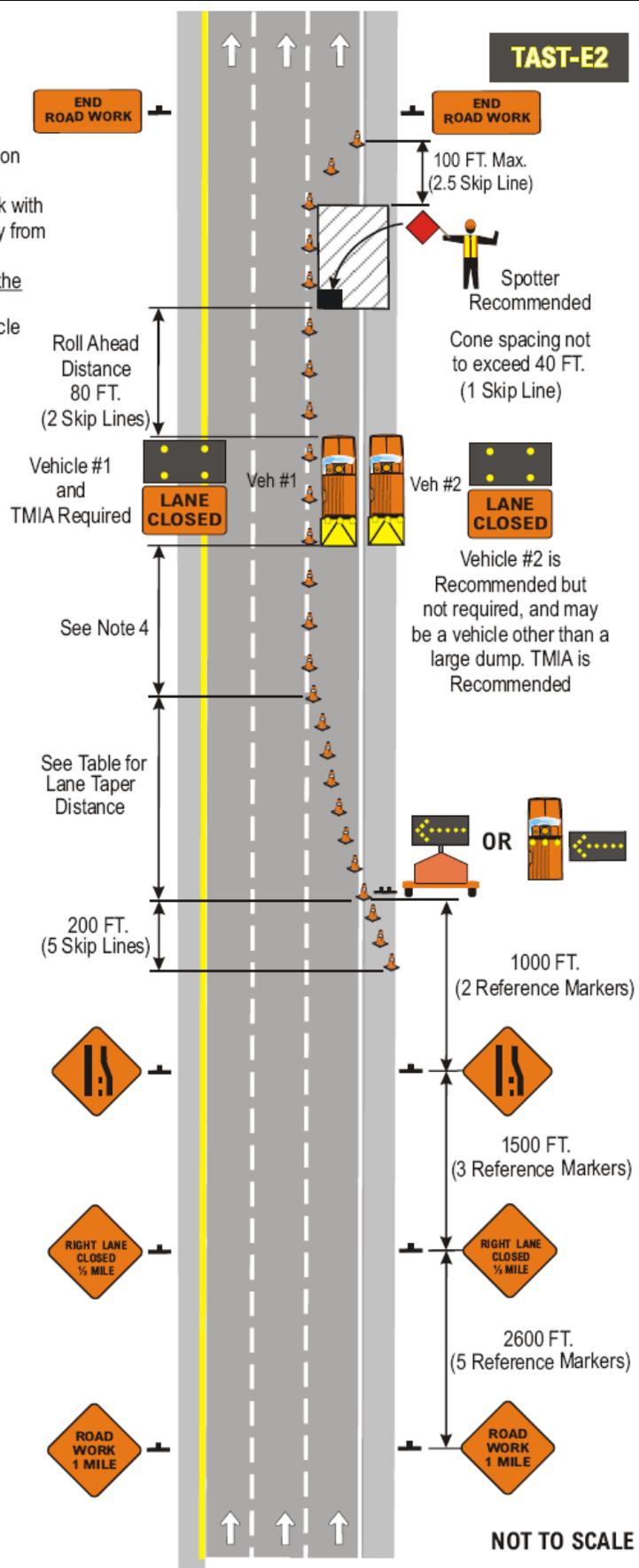
Arrow Panel (Caution Mode)

Barrier Vehicle with TMIA

**NYSDOT**  
**WORK ZONE TRAFFIC CONTROL**  
**SHORT-TERM STATIONARY**  
 OPERATION INVOLVING  
**RIGHT LANE CLOSURE**  
 (PAVED SHOULDER 8 FT. OR WIDER)  
 ON  
**FREEWAY OR EXPRESSWAY**

AUGUST 2008

TAST-E2



(continued)

**FREEWAY OR EXPRESSWAY  
PAVED SHOULDER LESS THAN 8 FT.**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. The barrier vehicle shall be an unoccupied large dump truck with the parking brake set and with the front wheels turned away from the employees in the work area.
3. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
4. Any buffer distance provided in advance of the barrier vehicle will add to the safety of the work area.
5. State Law signs (NYR9-11 or NYR9-12) are optional if anticipated work duration is less than 4 hours. If used, State Law sign to be placed 1000 FT. in advance of initial warning sign.

| Speed Limit (Mph) | Taper Lengths based on Lane Shift |      |      | Shoulder Taper based on 4'-6' Shift |
|-------------------|-----------------------------------|------|------|-------------------------------------|
|                   | 10'                               | 11'  | 12'  |                                     |
| 55                | 550'                              | 605' | 660' | 75'-110'                            |
| 60                | 600'                              | 660' | 720' | 80'-120'                            |
| 65                | 650'                              | 715' | 760' | 90'-130'                            |

**END ROAD WORK** G20-2 48x24 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

**LANE CLOSED** NYW8-33 48x24 in. **ROAD WORK 1 MILE** W20-1 48x48 in.

**RIGHT LANE CLOSED 1/2 MILE** W20-5R 48x48 in. **RIGHT LANE CLOSED 1/2 MILE** W4-2R 48x48 in.

Work Area

Arrow Panel (Caution Mode)

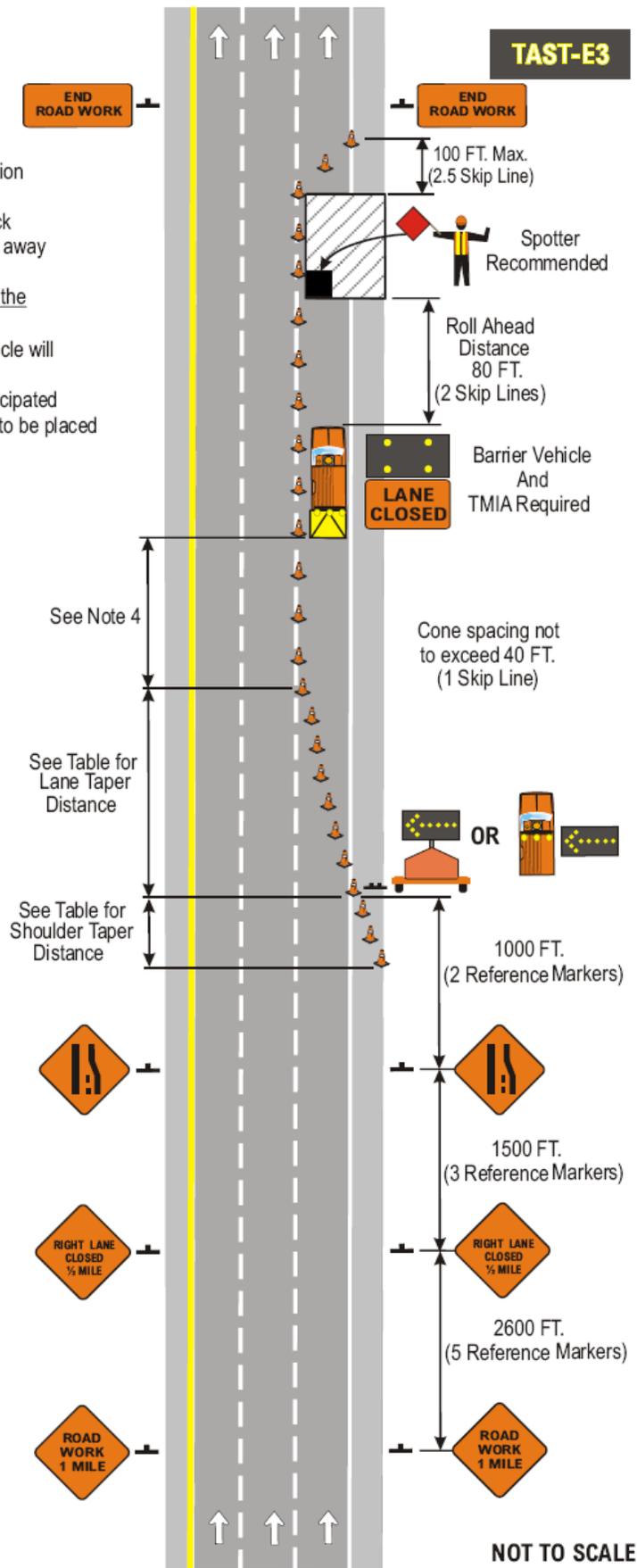
Barrier Vehicle with TMIA

**NYSDOT  
WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY  
OPERATION INVOLVING  
RIGHT LANE CLOSURE  
(PAVED SHOULDER LESS THAN 8 FT.)  
ON  
FREEWAY OR EXPRESSWAY**

AUGUST 2008

TAST-E3



(continued)

**FREEWAY OR EXPRESSWAY**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. The barrier vehicle shall be an unoccupied large dump truck with the parking brake set and with the front wheels turned away from the employees in the work area.
3. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
4. Any buffer distance provided in advance of the barrier vehicle will add to the safety of the work area.
5. State Law signs (NYR9-11 or NYR9-12) are optional if anticipated work duration is less than 4 hours. If used, State Law sign to be placed 1000 FT. in advance of initial warning sign.

| Speed Limit (Mph) | Taper Lengths based on Lane Shift |      |      |
|-------------------|-----------------------------------|------|------|
|                   | 10'                               | 11'  | 12'  |
| 55                | 550'                              | 605' | 660' |
| 60                | 600'                              | 660' | 720' |
| 65                | 650'                              | 715' | 760' |

**LANE CLOSED** NYW8-33 48x24 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

**END ROAD WORK** G20-2 48x24 in.

**LANE ENDS MERGE LEFT** W9-2L 48x48 in.

**ROAD WORK 1 MILE** W20-1 48x48 in.

**RIGHT TWO LANES CLOSED 1/2 MILE** W20-5aR 48x48 in.

**W4-2R** 48x48 in.

**Arrow Panel (Caution Mode)**

**Barrier Vehicle with TMIA**

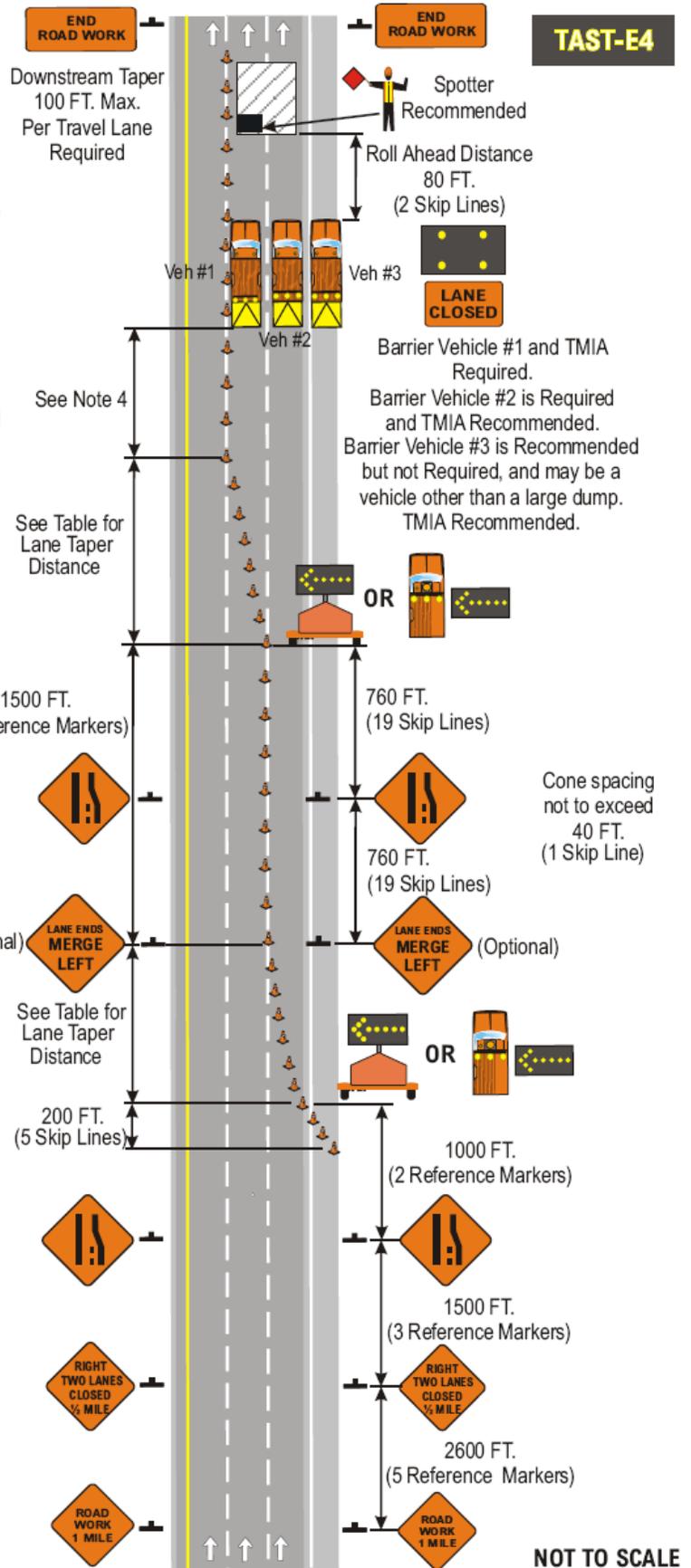
**Work Area**

**NYSDOT**  
**WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY**  
OPERATION INVOLVING  
**RIGHT TWO LANE CLOSURE**  
(PAVED SHOULDER 8 FT. OR WIDER)  
ON  
**FREEWAY OR EXPRESSWAY**

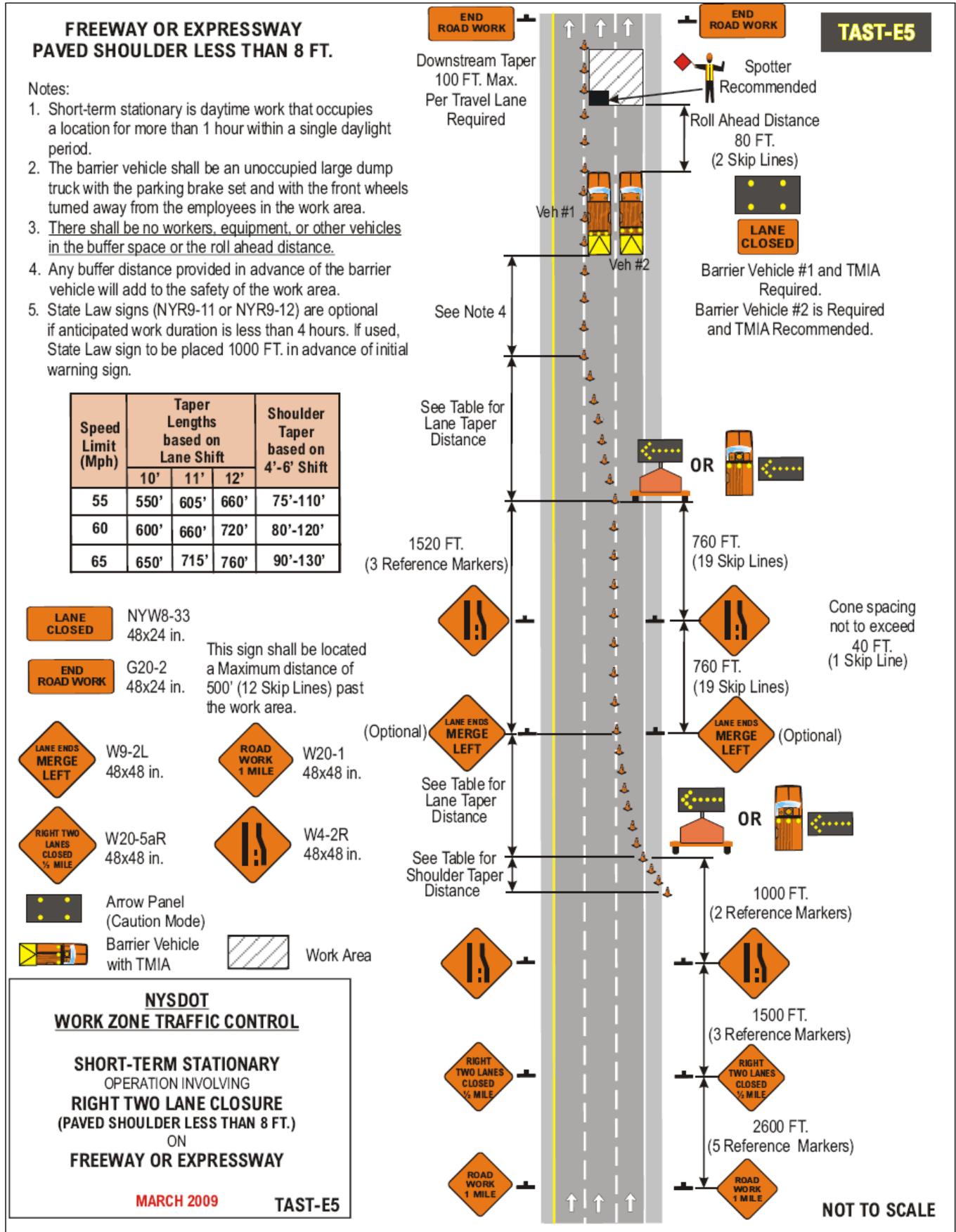
AUGUST 2008

TAST-E4



NOT TO SCALE

(continued)



(continued)

**FREEWAY OR EXPRESSWAY**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. The barrier vehicle shall be an unoccupied large dump truck with the parking brake set and with the front wheels turned away from the employees in the work area.
3. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
4. Any buffer distance provided in advance of the barrier vehicle will add to the safety of the work area.
5. State Law signs (NYR9-11 or NYR9-12) are optional if anticipated work duration is less than 4 hours. If used, State Law sign to be placed 1000 FT. in advance of initial warning sign.

| Speed Limit (Mph) | Taper Lengths based on Lane Shift |      |      | Shoulder Taper based on 4'-6' Shift |
|-------------------|-----------------------------------|------|------|-------------------------------------|
|                   | 10'                               | 11'  | 12'  |                                     |
| 55                | 550'                              | 605' | 660' | 75'-110'                            |
| 60                | 600'                              | 660' | 720' | 80'-120'                            |
| 65                | 650'                              | 715' | 760' | 90'-130'                            |

**END ROAD WORK** G20-2 48x24 in. This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

**LANE CLOSED** NYW8-33 48x24 in. **ROAD WORK 1 MILE** W20-1 48x48 in.

**LEFT LANE CLOSED 1/2 MILE** W20-5L 48x48 in. **ROAD WORK 1/2 MILE** W4-2L 48x48 in.

Work Area

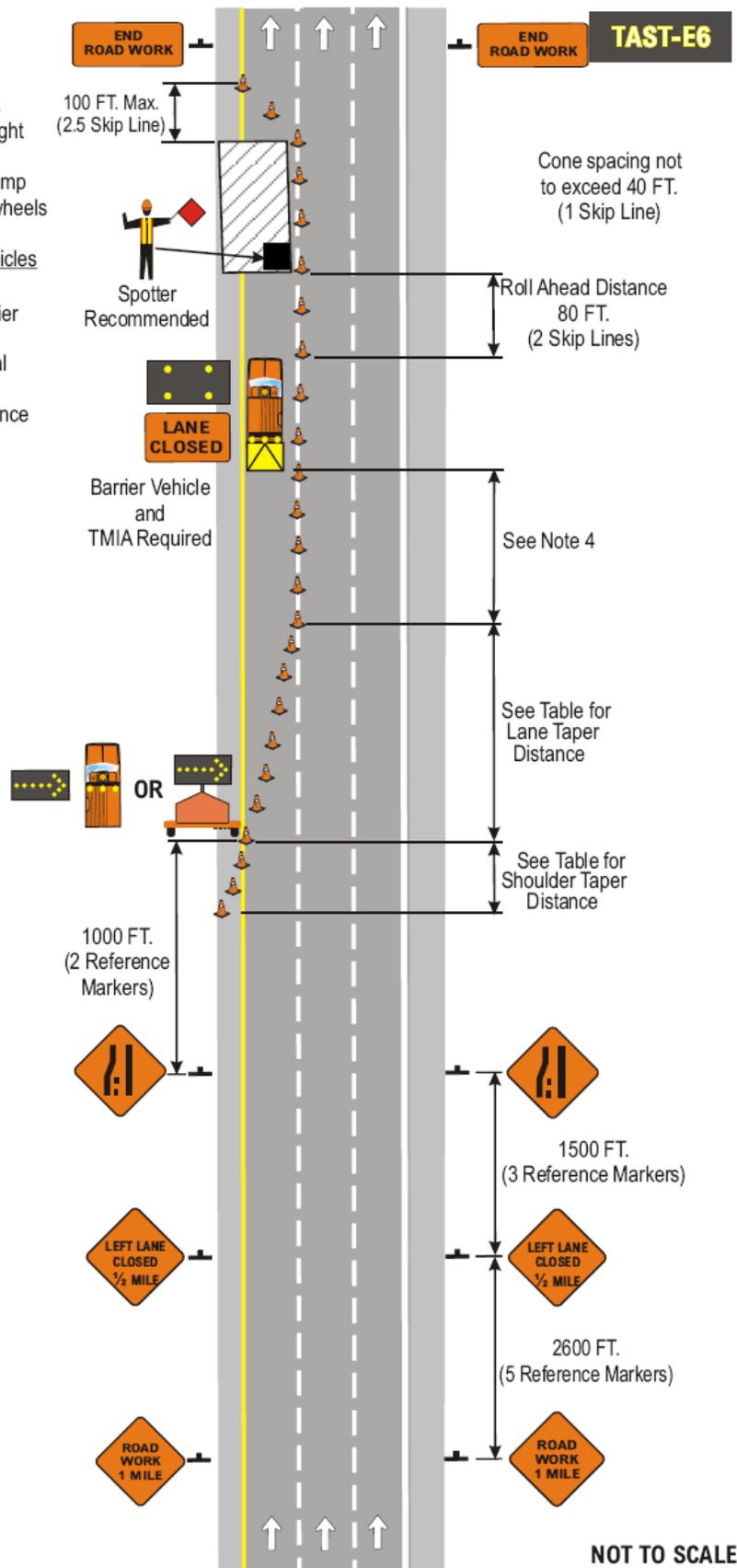
Arrow Panel (Caution Mode)

Barrier Vehicle with TMIA

**NYSDOT**  
**WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY**  
OPERATION INVOLVING  
**LEFT LANE CLOSURE**  
(PAVED SHOULDER LESS THAN 8 FT.)  
ON  
**FREEWAY OR EXPRESSWAY**

AUGUST 2008 **TAST-E6**



NOT TO SCALE

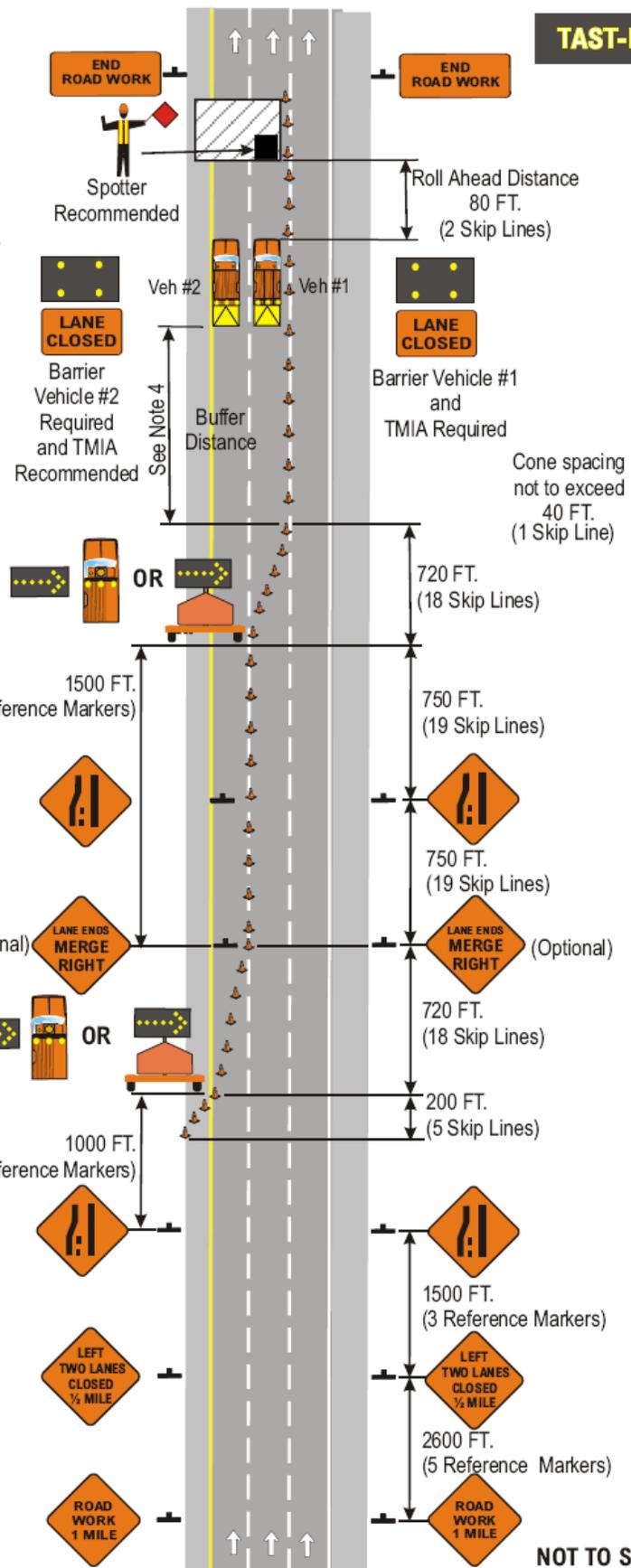
(continued)

**FREEWAY OR EXPRESSWAY**

**TAST-E7**

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. The barrier vehicle shall be an unoccupied large dump truck with the parking brake set and with the front wheels turned away from the employees in the work area.
3. There shall be no workers, equipment, or other vehicles in the buffer space or the roll ahead distance.
4. Any buffer distance provided in advance of the barrier vehicle will add to the safety of the work area.
5. State Law signs (NYR9-11 or NYR9-12) are optional if anticipated work duration is less than 4 hours. If used, State Law sign to be placed 1000 FT. in advance of initial warning sign.



**LANE CLOSED** NYW8-33  
48x24 in.

**END ROAD WORK** G20-2  
48x24 in.

This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

**LANE ENDS MERGE RIGHT** W9-2R  
48x48 in.

**ROAD WORK 1 MILE** W20-1  
48x48 in.

**LEFT TWO LANES CLOSED 1/2 MILE** W20-5aL  
48x48 in.

**ROAD WORK 1 MILE** W4-2L  
48x48 in.

Work Area

Arrow Panel (Caution Mode)

Barrier Vehicle with TMIA

**NYSDOT  
WORK ZONE TRAFFIC CONTROL**

**SHORT-TERM STATIONARY  
OPERATION INVOLVING  
LEFT TWO LANE CLOSURE  
(PAVED SHOULDER LESS THAN 8 FT.)  
ON  
FREEWAY OR EXPRESSWAY**

AUGUST 2008

TAST-E7

(continued)