Attachment 15

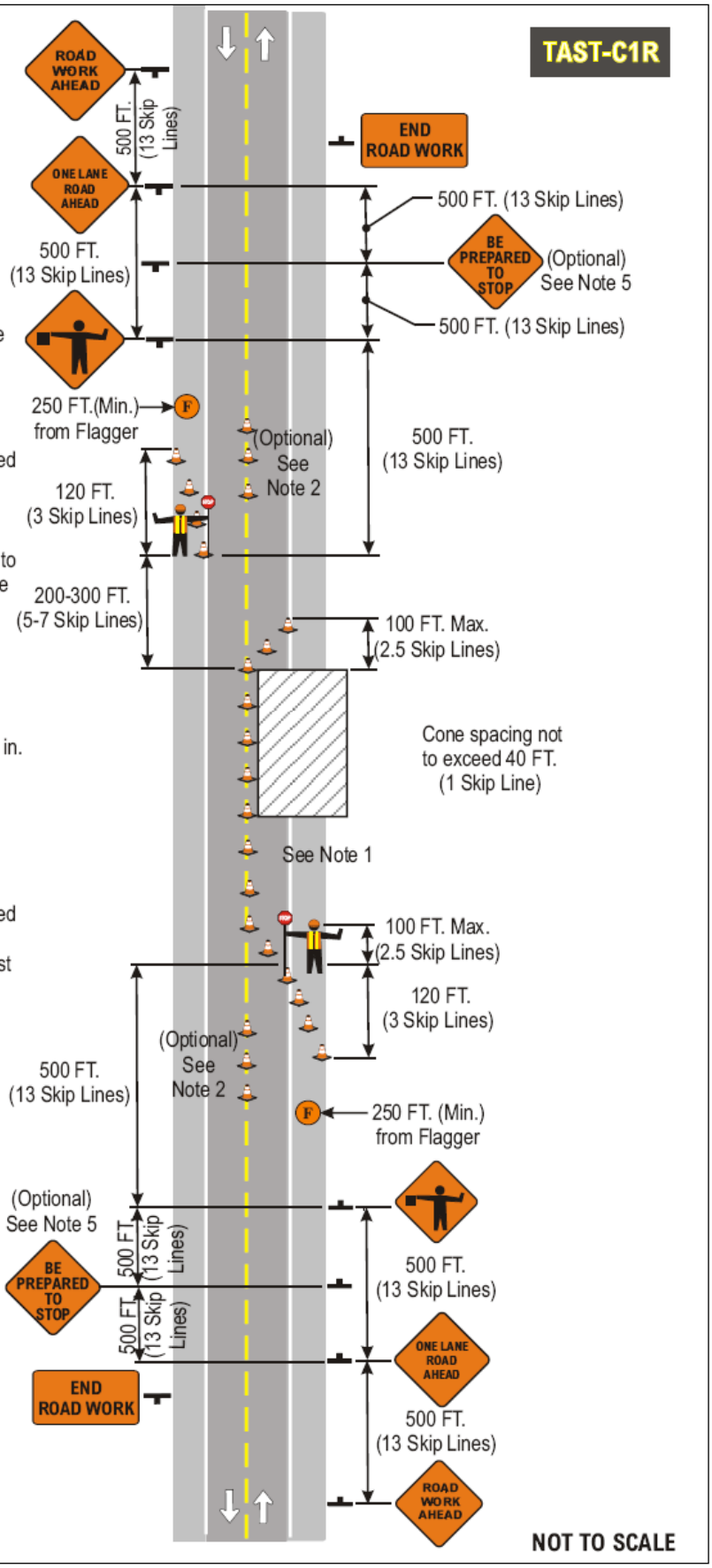
NYSDOT Work Zone Traffic Control Drawings

RURAL HIGHWAY

TAST-C1R

Notes:

1. Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
2. Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) From flagger.
3. 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.
4. 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.
5. 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.



W20-7a
36x36 in.

W3-4
36x36 in.

W20-4
36x36 in.

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.

Flag tree

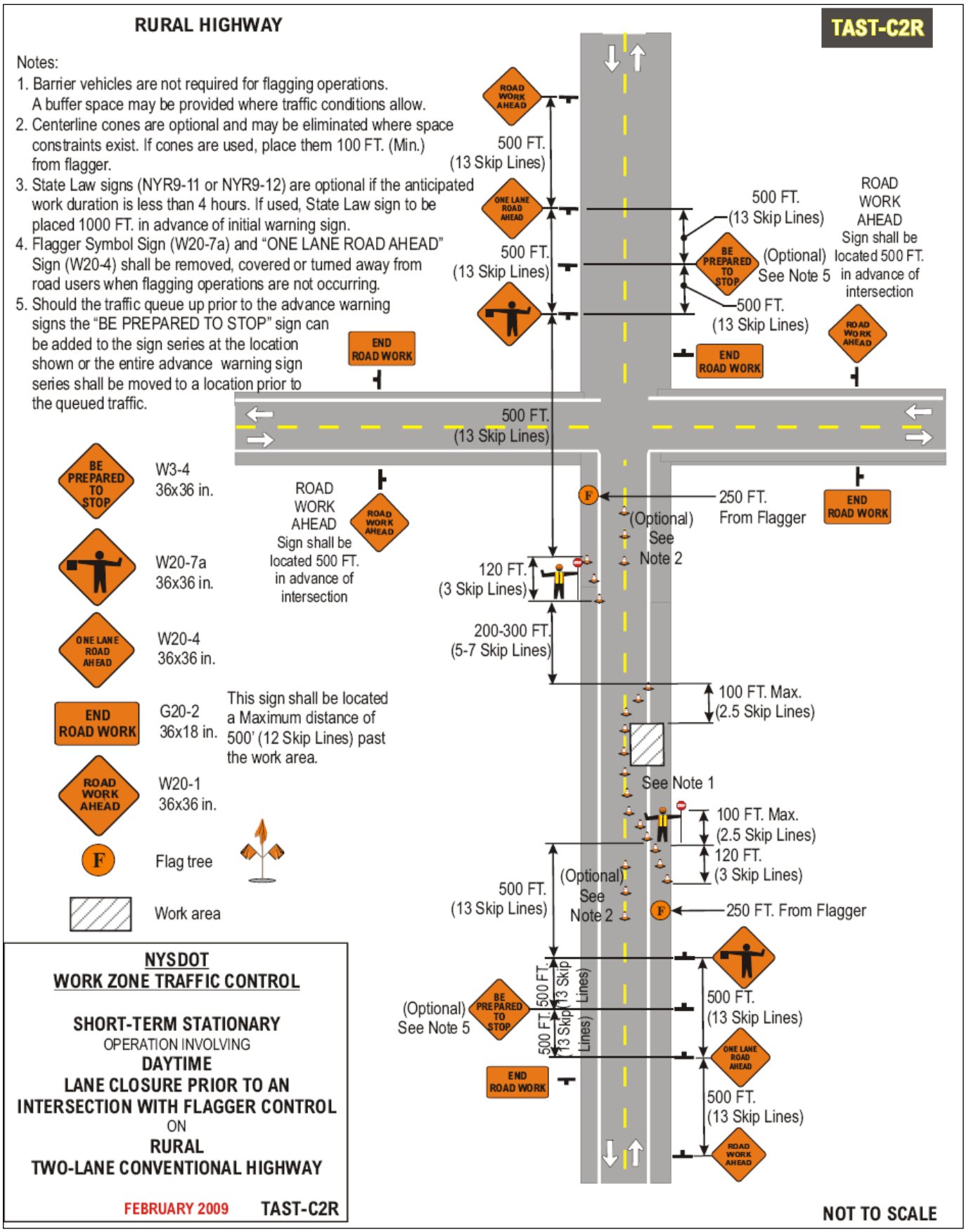
Work area

NYSDOT
WORK ZONE TRAFFIC CONTROL

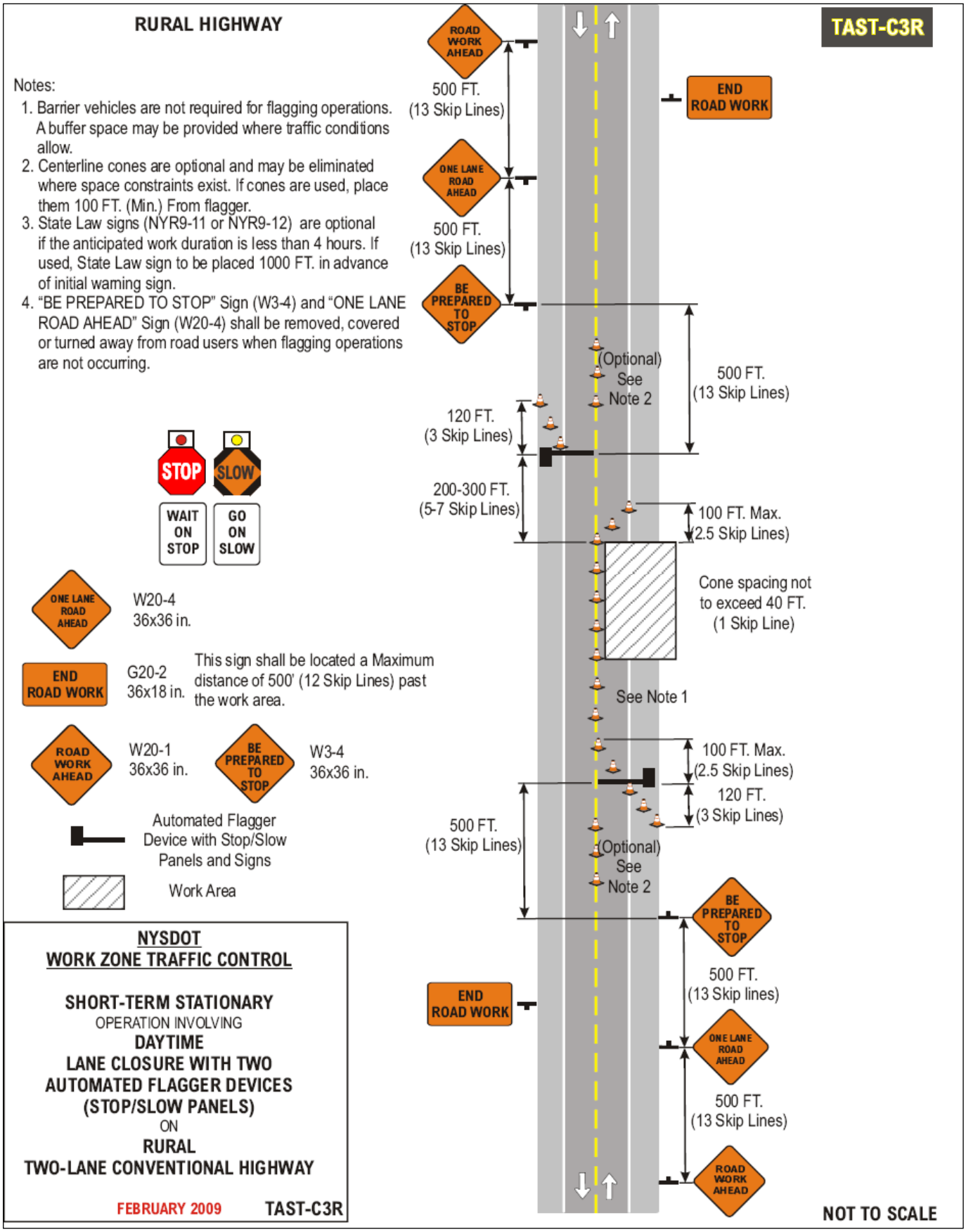
SHORT-TERM STATIONARY
OPERATION INVOLVING
DAYTIME
LANE CLOSURE WITH FLAGGERS
ON
RURAL
TWO-LANE CONVENTIONAL HIGHWAY

FEBRUARY 2009 TAST-C1R

(continued)


RURAL HIGHWAY
TAST-C2R
Notes:
1. Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
2. Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) from flagger.
3. 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.
4. 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.
5. 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.
ROAD WORK AHEAD
500 FT. (13 Skip Lines)
ONE LANE ROAD AHEAD
500 FT. (13 Skip Lines)
BE PREPARED TO STOP
(Optional) See Note 5
500 FT. (13 Skip Lines)
500 FT. (13 Skip Lines)
ROAD WORK AHEAD Sign shall be located 500 FT. in advance of intersection
END ROAD WORK
END ROAD WORK
END ROAD WORK
500 FT. (13 Skip Lines)
BE PREPARED TO STOP
W3-4 36x36 in.
W20-7a 36x36 in.
ONE LANE ROAD AHEAD
W20-4 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
W20-1 36x36 in.
F
Flag tree
Work area
ROAD WORK AHEAD Sign shall be located 500 FT. in advance of intersection
250 FT. From Flagger
(Optional) See Note 2
120 FT. (3 Skip Lines)
200-300 FT. (5-7 Skip Lines)
100 FT. Max. (2.5 Skip Lines)
See Note 1
100 FT. Max. (2.5 Skip Lines)
120 FT. (3 Skip Lines)
500 FT. (13 Skip Lines)
(Optional) See Note 2
250 FT. From Flagger
(Optional) See Note 5
500 FT. (13 Skip Lines)
500 FT. (13 Skip Lines)
500 FT. (13 Skip Lines)
ONE LANE ROAD AHEAD
END ROAD WORK
500 FT. (13 Skip Lines)
ROAD WORK AHEAD
NYSDOT
WORK ZONE TRAFFIC CONTROL
SHORT-TERM STATIONARY
OPERATION INVOLVING
DAYTIME
LANE CLOSURE PRIOR TO AN
INTERSECTION WITH FLAGGER CONTROL
ON
RURAL
TWO-LANE CONVENTIONAL HIGHWAY
FEBRUARY 2009
TAST-C2R
NOT TO SCALE

(continued)


RURAL HIGHWAY
TAST-C3R
Notes:
1. Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
2. Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) From flagger.
3. 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.
4. "BE PREPARED TO STOP" Sign (W3-4) and "ONE LANE ROAD AHEAD" Sign (W20-4) shall be removed, covered or turned away from road users when flagging operations are not occurring.
ROAD WORK AHEAD
500 FT.
(13 Skip Lines)
END ROAD WORK
ONE LANE ROAD AHEAD
500 FT.
(13 Skip Lines)
BE PREPARED TO STOP
(Optional)
See
Note 2
500 FT.
(13 Skip Lines)
120 FT.
(3 Skip Lines)
STOP
SLOW
WAIT ON STOP
GO ON SLOW
200-300 FT.
(5-7 Skip Lines)
100 FT. Max.
(2.5 Skip Lines)
Cone spacing not to exceed 40 FT.
(1 Skip Line)
ONE LANE ROAD AHEAD
W20-4
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.
See Note 1
ROAD WORK AHEAD
W20-1
36x36 in.
BE PREPARED TO STOP
W3-4
36x36 in.
100 FT. Max.
(2.5 Skip Lines)
120 FT.
(3 Skip Lines)
Automated Flagger Device with Stop/Slow Panels and Signs
500 FT.
(13 Skip Lines)
(Optional)
See
Note 2
Work Area
BE PREPARED TO STOP
NYSDOT
WORK ZONE TRAFFIC CONTROL
SHORT-TERM STATIONARY
OPERATION INVOLVING
DAYTIME
LANE CLOSURE WITH TWO
AUTOMATED FLAGGER DEVICES
(STOP/SLOW PANELS)
ON
RURAL
TWO-LANE CONVENTIONAL HIGHWAY
FEBRUARY 2009
TAST-C3R
END ROAD WORK
500 FT.
(13 Skip lines)
ONE LANE ROAD AHEAD
500 FT.
(13 Skip Lines)
ROAD WORK AHEAD
NOT TO SCALE

(continued)

RURAL HIGHWAY

TAST-C4R

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	Roll Ahead Distance
30	200' (5 Skip Lines)	40' (1 Skip Line)
35	250' (~6 Skip Lines)	40' (1Skip 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.

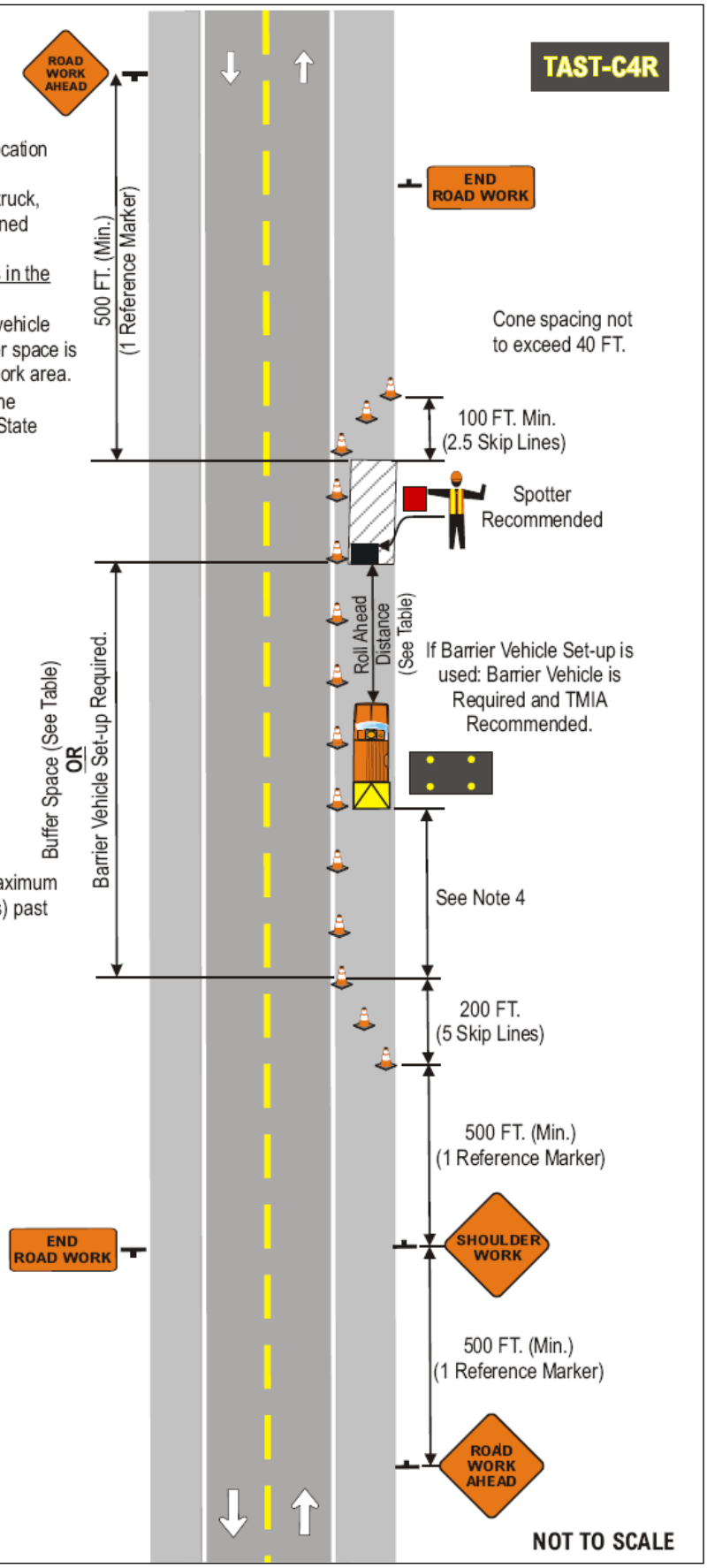
ROAD WORK AHEAD — W20-1 36x36 in.

SHOULDER WORK — W21-5 36x36 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
RURAL
TWO-LANE CONVENTIONAL HIGHWAY

FEBRUARY 2009 TAST-C4R

(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)

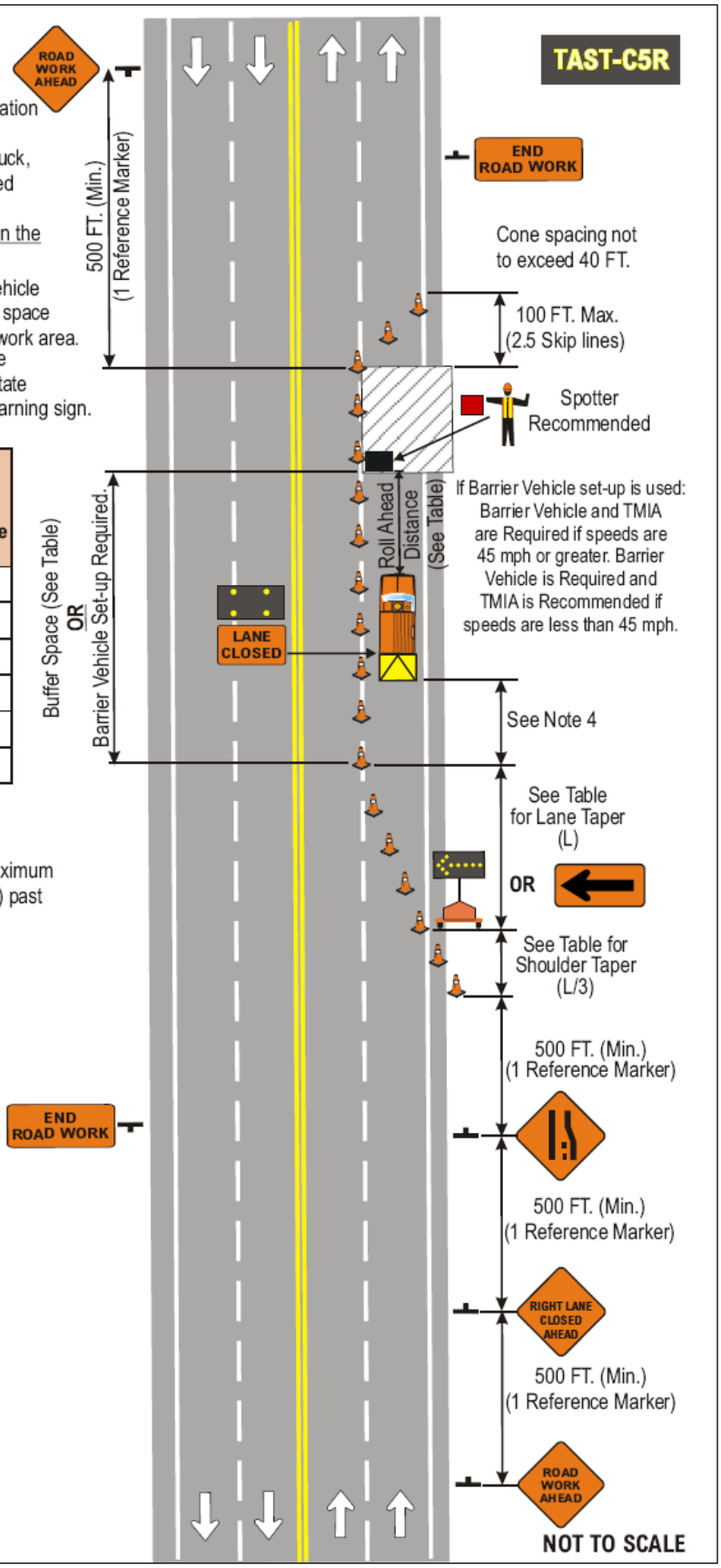
Barrier Vehicle
with TMIA

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**



(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. 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 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 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.

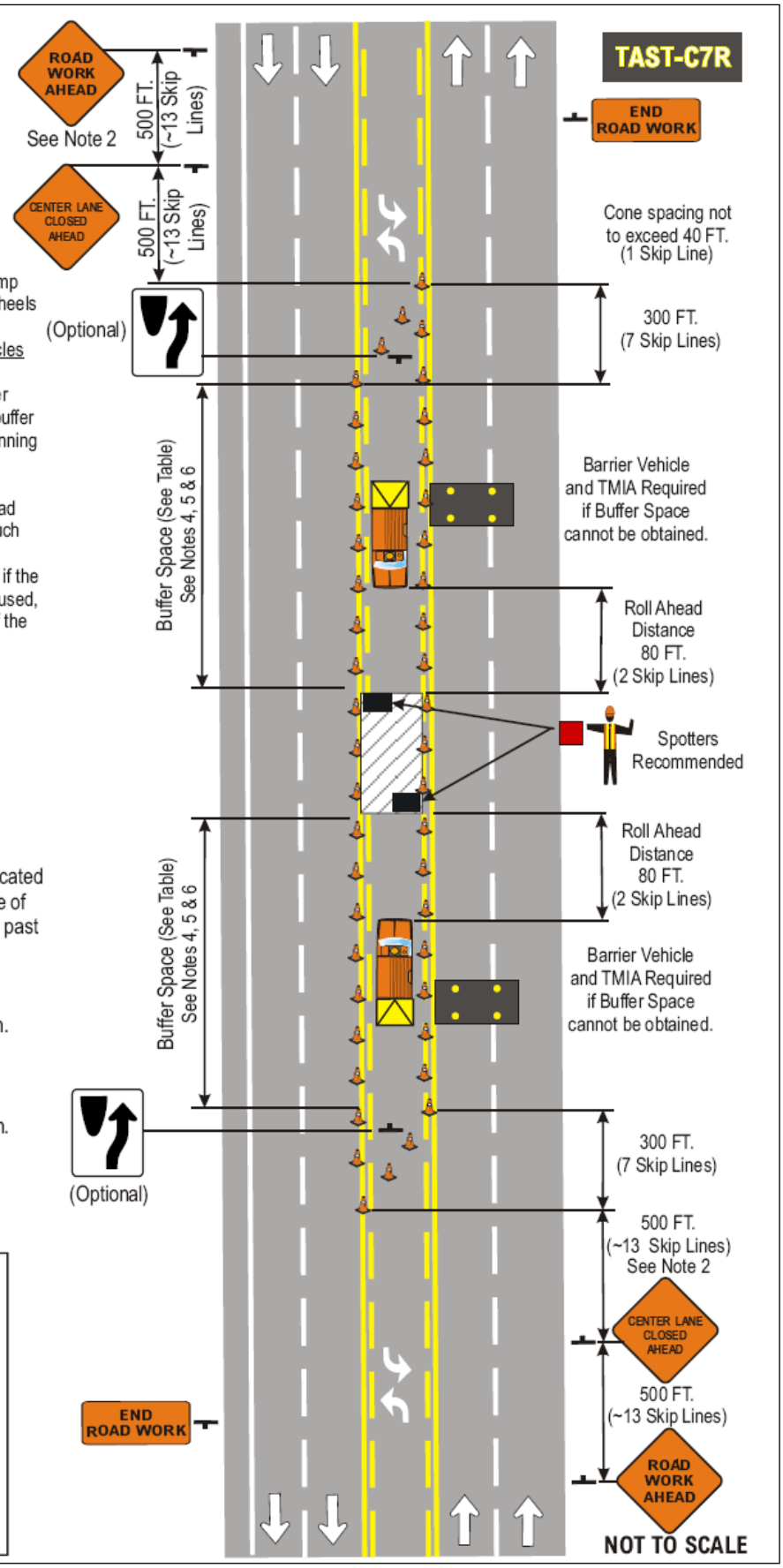
Arrow Panel (Caution Mode)

Barrier Vehicle with TMIA

NYSDOT
WORK ZONE TRAFFIC CONTROL

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

FEBRUARY 2009 TAST-C7R



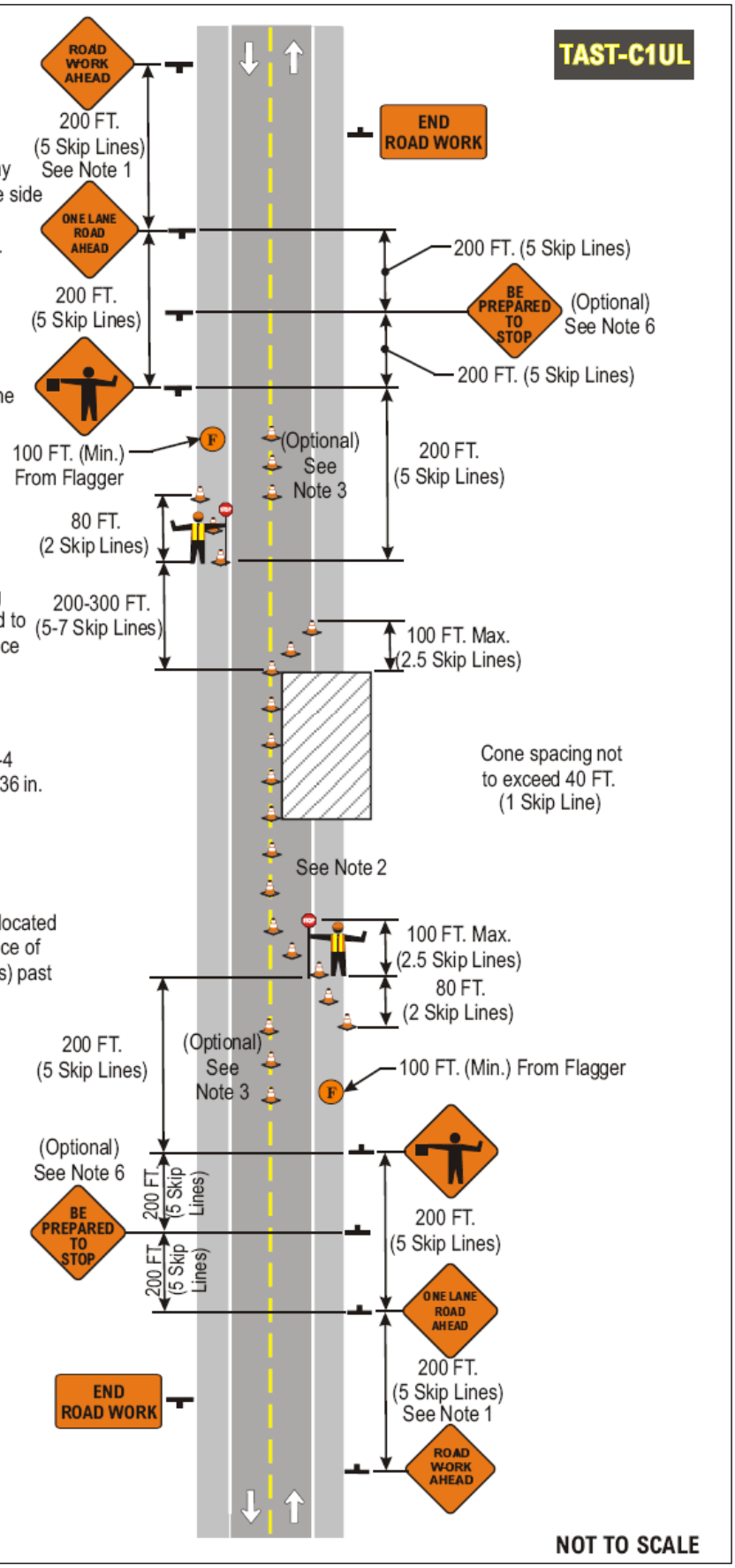
(continued)

LOW SPEED URBAN HIGHWAY (30-40 mph)

TAST-C1UL

Notes:

1. In urban conditions, advance warning sign spacings may be reduced to a 100 FT. (Min.) in order to accommodate side streets and driveways.
2. Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
3. Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) From flagger.
4. 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.
5. 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.
6. 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.



W20-7a 36x36 in.

W3-4 36x36 in.

W20-4 36x36 in.

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.

Flag Tree

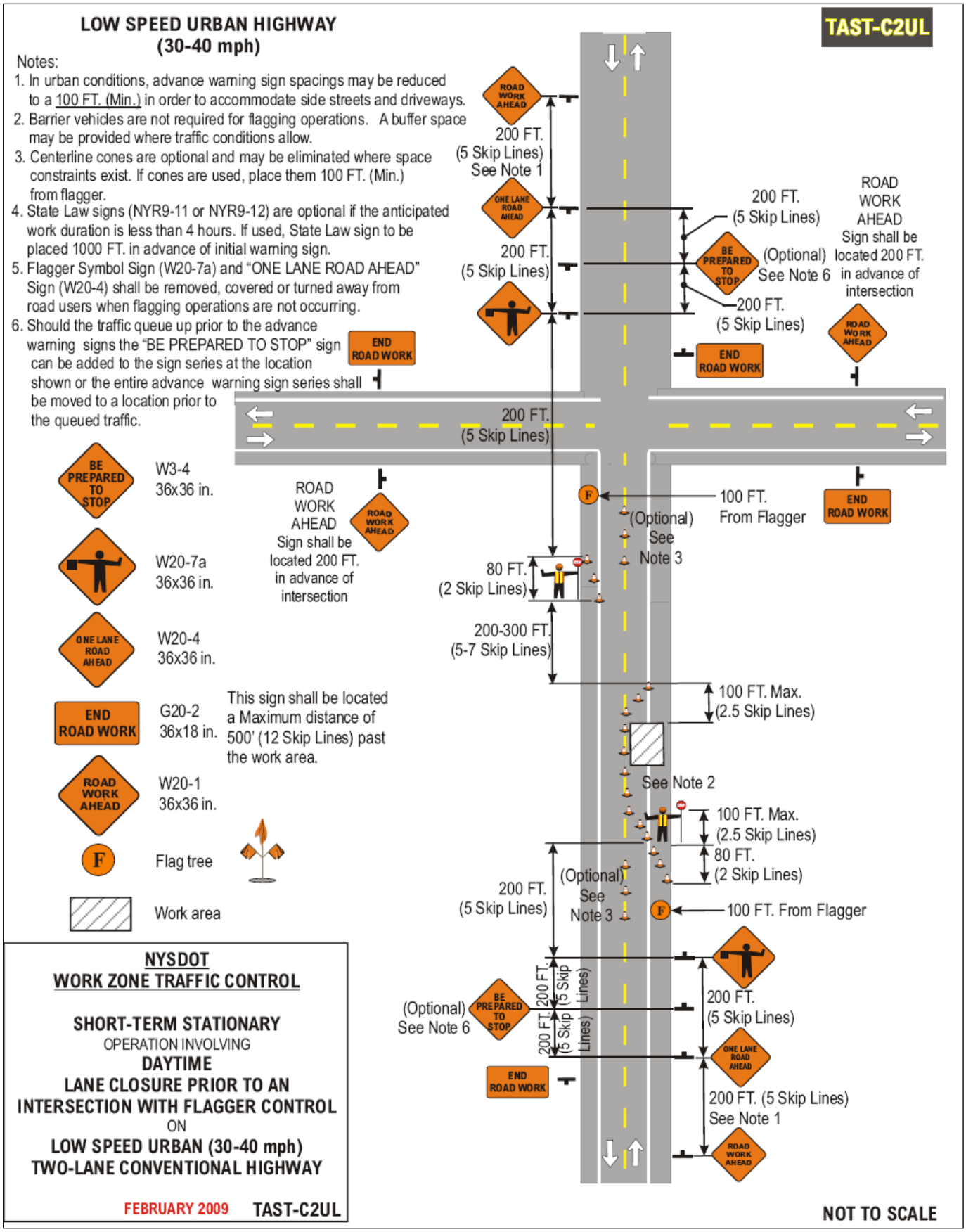
Work Area

NYSDOT
WORK ZONE TRAFFIC CONTROL

SHORT-TERM STATIONARY
OPERATION INVOLVING
DAYTIME
LANE CLOSURE WITH FLAGGERS
ON
LOW SPEED URBAN (30-40 mph)
TWO-LANE CONVENTIONAL HIGHWAY

FEBRUARY 2009 TAST-C1UL

(continued)


LOW SPEED URBAN HIGHWAY
(30-40 mph)
TAST-C2UL
Notes:
1. In urban conditions, advance warning sign spacings may be reduced to a 100 FT. (Min.) in order to accommodate side streets and driveways.
2. Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
3. Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) from flagger.
4. 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.
5. 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.
6. 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.
ROAD WORK AHEAD
200 FT. (5 Skip Lines) See Note 1
ONE LANE ROAD AHEAD
200 FT. (5 Skip Lines)
200 FT. (5 Skip Lines)
BE PREPARED TO STOP
(Optional) See Note 6
200 FT. (5 Skip Lines)
ROAD WORK AHEAD Sign shall be located 200 FT. in advance of intersection
END ROAD WORK
200 FT. (5 Skip Lines)
BE PREPARED TO STOP
W3-4 36x36 in.
W20-7a 36x36 in.
ONE LANE ROAD AHEAD
W20-4 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
W20-1 36x36 in.
Flag tree
Work area
ROAD WORK AHEAD Sign shall be located 200 FT. in advance of intersection
100 FT. From Flagger
(Optional) See Note 3
80 FT. (2 Skip Lines)
200-300 FT. (5-7 Skip Lines)
100 FT. Max. (2.5 Skip Lines)
See Note 2
100 FT. Max. (2.5 Skip Lines)
80 FT. (2 Skip Lines)
200 FT. (5 Skip Lines)
(Optional) See Note 3
100 FT. From Flagger
NYSDOT
WORK ZONE TRAFFIC CONTROL
SHORT-TERM STATIONARY
OPERATION INVOLVING
DAYTIME
LANE CLOSURE PRIOR TO AN INTERSECTION WITH FLAGGER CONTROL
ON
LOW SPEED URBAN (30-40 mph)
TWO-LANE CONVENTIONAL HIGHWAY
FEBRUARY 2009
TAST-C2UL
(Optional) See Note 6
200 FT. (5 Skip Lines)
200 FT. (5 Skip Lines)
200 FT. (5 Skip Lines)
ONE LANE ROAD AHEAD
END ROAD WORK
200 FT. (5 Skip Lines) See Note 1
NOT TO SCALE

(continued)

LOW SPEED URBAN HIGHWAY
(30-40 mph)

TAST-C3UL

Notes:
1. In urban conditions, advance warning sign spacings may be reduced to a 100 FT. (Min.) in order to accommodate side streets and driveways.
2. Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
3. Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) From flagger.
4. 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.
5. "BE PREPARED TO STOP" Sign (W3-4) and "ONE LANE ROAD AHEAD" Sign (W20-4) shall be removed, covered or turned away from road users when flagging operations are not occurring.

W20-4
36x36 in.

G20-2
36x18 in.

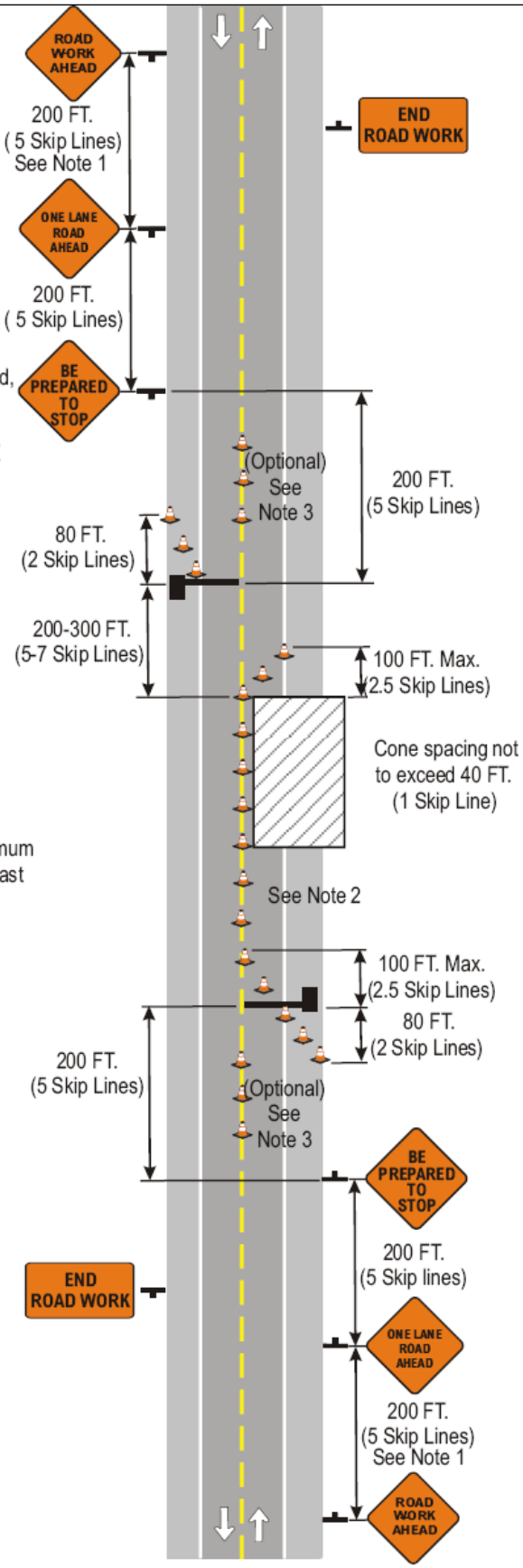
This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

W20-1
36x36 in.

W3-4
36x36 in.

Automated Flagger Device with Stop/Slow Panels and Signs

Work Area



NOT TO SCALE

NYSDOT
WORK ZONE TRAFFIC CONTROL

SHORT-TERM STATIONARY
OPERATION INVOLVING
DAYTIME
LANE CLOSURE WITH TWO AUTOMATED FLAGGER DEVICES (STOP/SLOW PANELS)
ON
LOW SPEED URBAN (30-40 mph) TWO-LANE CONVENTIONAL HIGHWAY

FEBRUARY 2009 TAST-C3UL

(continued)

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' (1Skip 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)

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.

W21-5
36x36 in.

Work Area

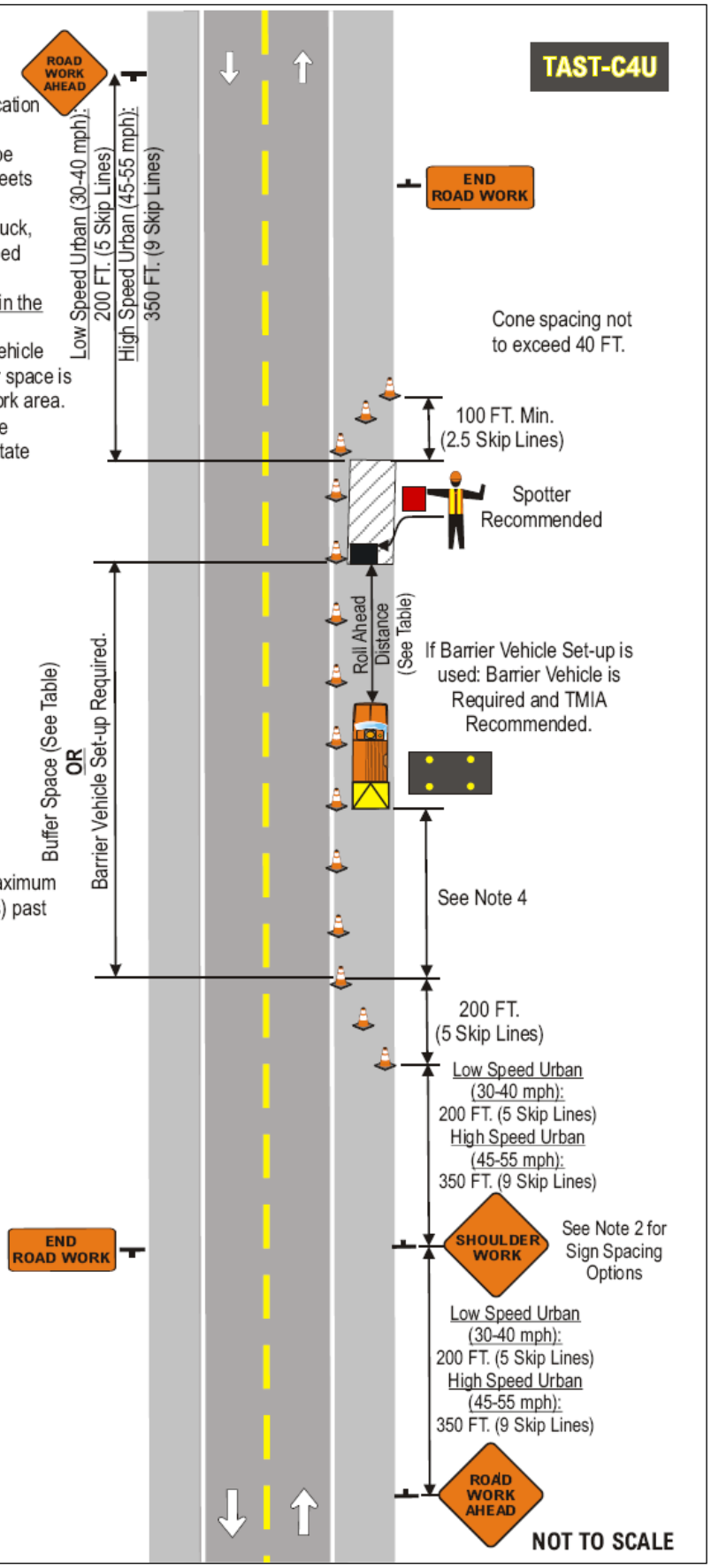
Arrow Panel
(Caution Mode)

Barrier Vehicle with TMIA

NYSDOT
WORK ZONE TRAFFIC CONTROL

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

FEBRUARY 2009 TAST-C4U



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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 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
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.

W4-2R 36x36 in.

LANE CLOSED — NYW8-33 48x24 in.

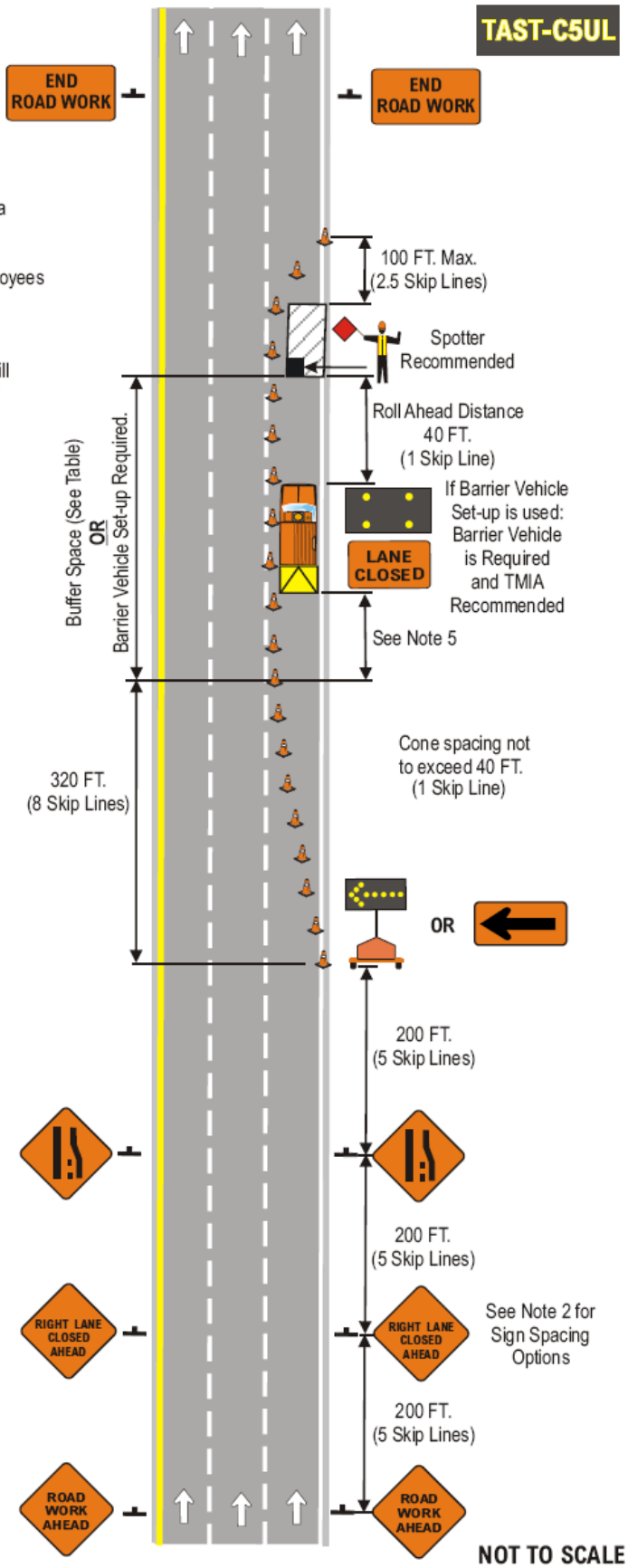
RIGHT LANE CLOSED AHEAD — W20-5R 36x36 in.

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

(continued)

LOW SPEED URBAN HIGHWAY (30-40 mph)

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 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
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.

W4-2R 36x36 in.

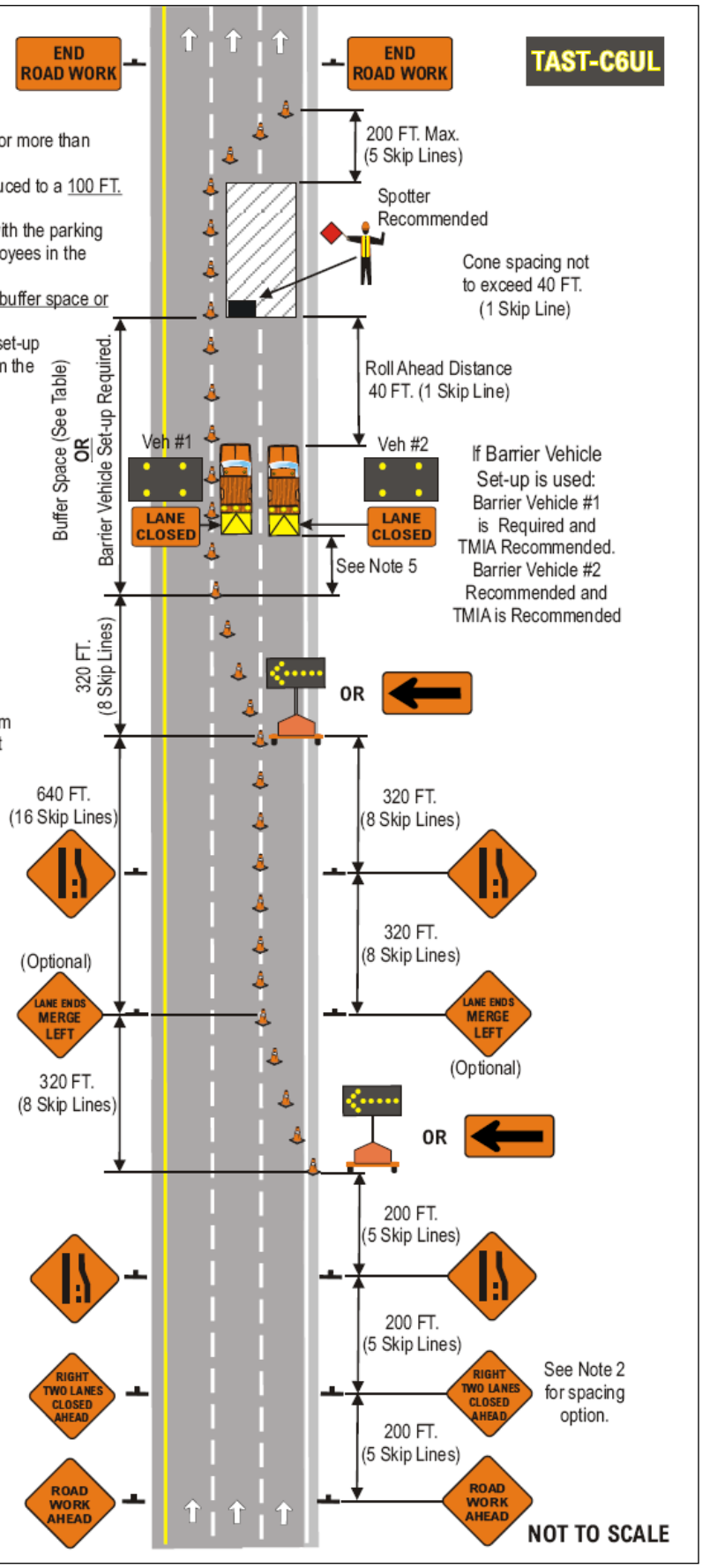
LANE CLOSED — NYW8-33 48x24 in.

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

(continued)

LOW SPEED URBAN HIGHWAY (30-40 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 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
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.

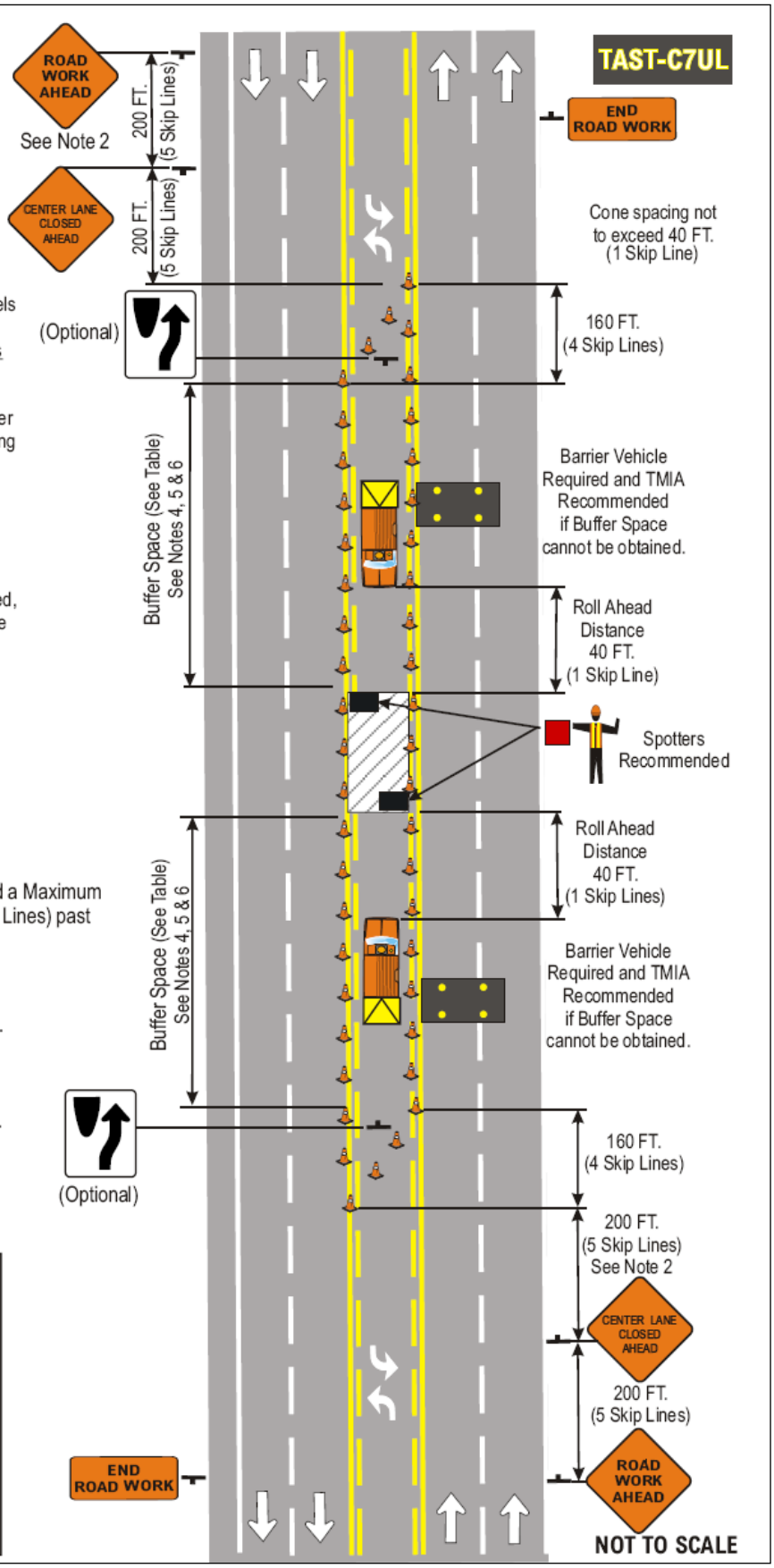
Arrow Panel (Caution Mode)

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



(continued)

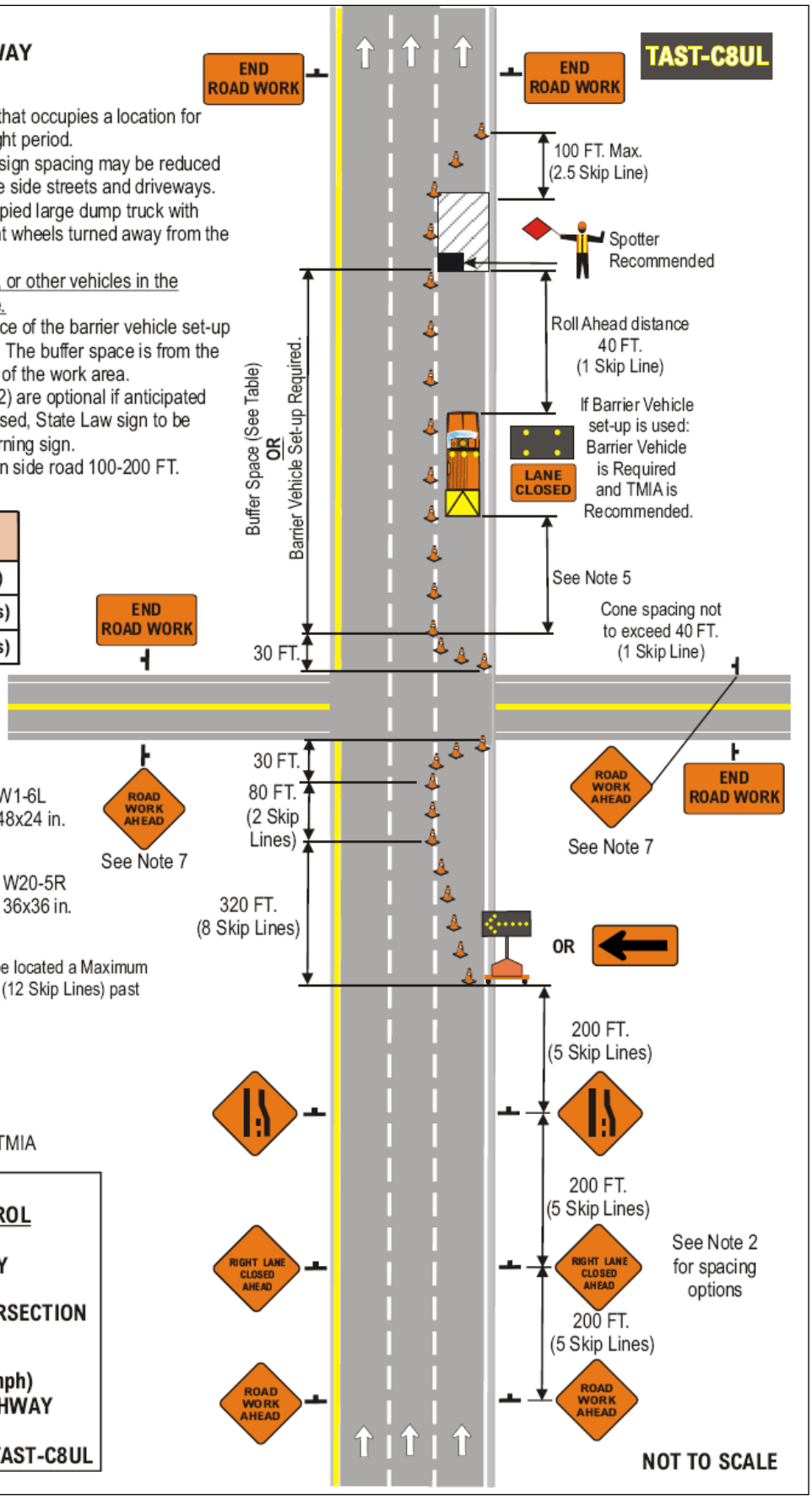
LOW SPEED URBAN HIGHWAY
(30-40 mph)

TAST-C8UL

Notes:

1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
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 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.

ROAD WORK AHEAD — W20-1 36x36 in.

RIGHT LANE CLOSED AHEAD — W20-5R 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.

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

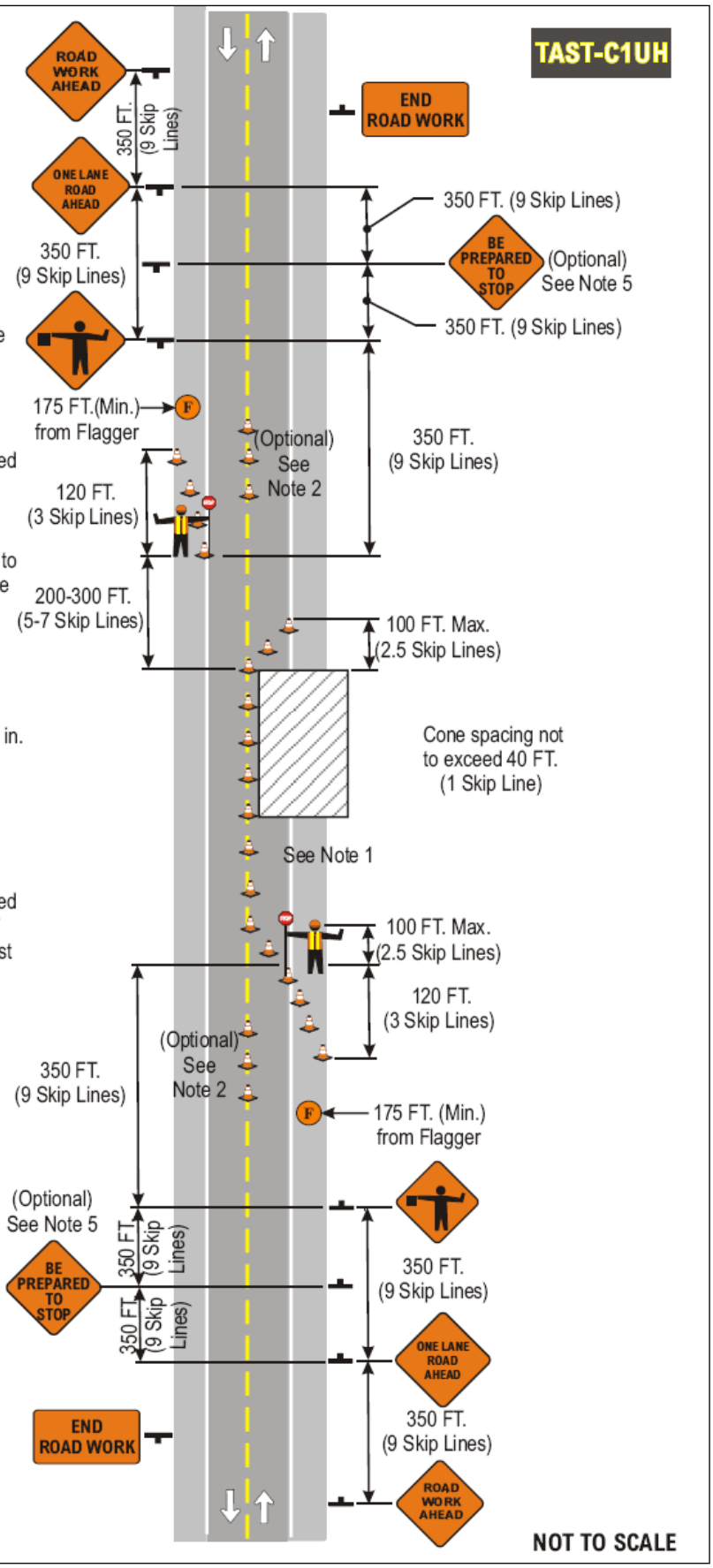
(continued)

HIGH SPEED URBAN HIGHWAY
(45-55 mph)

TAST-C1UH

Notes:

1. Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
2. Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) From flagger.
3. 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.
4. 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.
5. 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.



W20-7a
36x36 in.

W3-4
36x36 in.

W20-4
36x36 in.

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.

Flag tree

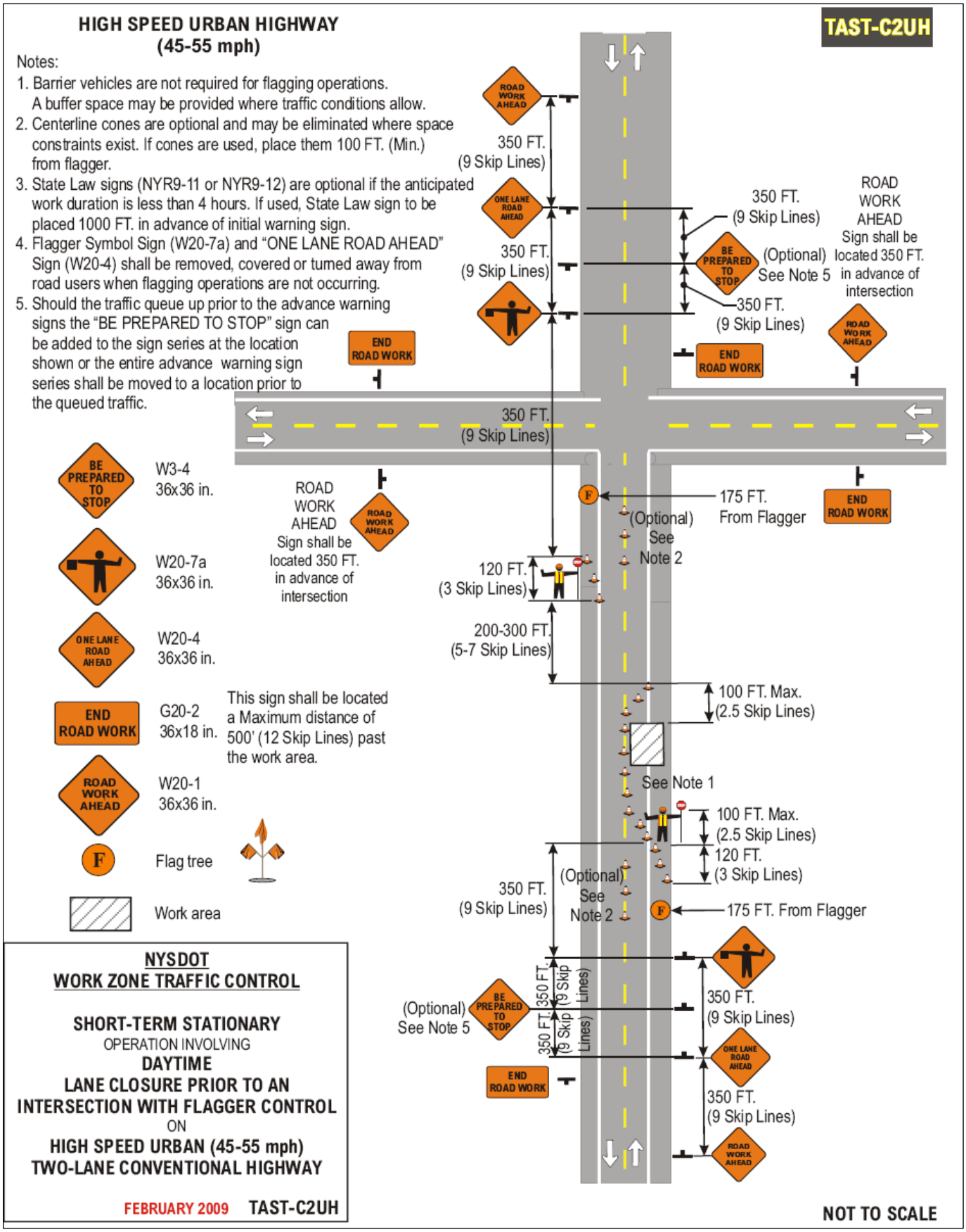
Work area

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

(continued)


HIGH SPEED URBAN HIGHWAY
(45-55 mph)
TAST-C2UH
Notes:
1. Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
2. Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) from flagger.
3. 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.
4. 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.
5. 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.
ROAD WORK AHEAD
350 FT. (9 Skip Lines)
ONE LANE ROAD AHEAD
350 FT. (9 Skip Lines)
BE PREPARED TO STOP
(Optional) See Note 5
350 FT. (9 Skip Lines)
ROAD WORK AHEAD Sign shall be located 350 FT. in advance of intersection
350 FT. (9 Skip Lines)
END ROAD WORK
END ROAD WORK
END ROAD WORK
350 FT. (9 Skip Lines)
BE PREPARED TO STOP
W3-4 36x36 in.
W20-7a 36x36 in.
ONE LANE ROAD AHEAD
W20-4 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
W20-1 36x36 in.
F
Flag tree
Work area
ROAD WORK AHEAD Sign shall be located 350 FT. in advance of intersection
175 FT. From Flagger
(Optional) See Note 2
END ROAD WORK
120 FT. (3 Skip Lines)
200-300 FT. (5-7 Skip Lines)
100 FT. Max. (2.5 Skip Lines)
See Note 1
100 FT. Max. (2.5 Skip Lines)
120 FT. (3 Skip Lines)
350 FT. (9 Skip Lines)
(Optional) See Note 2
175 FT. From Flagger
(Optional) See Note 5
BE PREPARED TO STOP
350 FT. (9 Skip Lines)
350 FT. (9 Skip Lines)
350 FT. (9 Skip Lines)
ONE LANE ROAD AHEAD
END ROAD WORK
350 FT. (9 Skip Lines)
ROAD WORK AHEAD
NYSDOT
WORK ZONE TRAFFIC CONTROL
SHORT-TERM STATIONARY
OPERATION INVOLVING
DAYTIME
LANE CLOSURE PRIOR TO AN INTERSECTION WITH FLAGGER CONTROL
ON
HIGH SPEED URBAN (45-55 mph)
TWO-LANE CONVENTIONAL HIGHWAY
FEBRUARY 2009
TAST-C2UH
NOT TO SCALE

(continued)

HIGH SPEED URBAN HIGHWAY (45-55 mph)

TAST-C3UH

Notes:
1. In urban conditions, advance warning sign spacings may be reduced to a 100 FT. (Min.) in order to accommodate side streets and driveways.
2. Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
3. Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) From flagger.
4. 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.
5. "BE PREPARED TO STOP" Sign (W3-4) and "ONE LANE ROAD AHEAD" Sign (W20-4) shall be removed, covered or turned away from road users when flagging operations are not occurring.

W20-4
36x36 in.

G20-2
36x18 in.

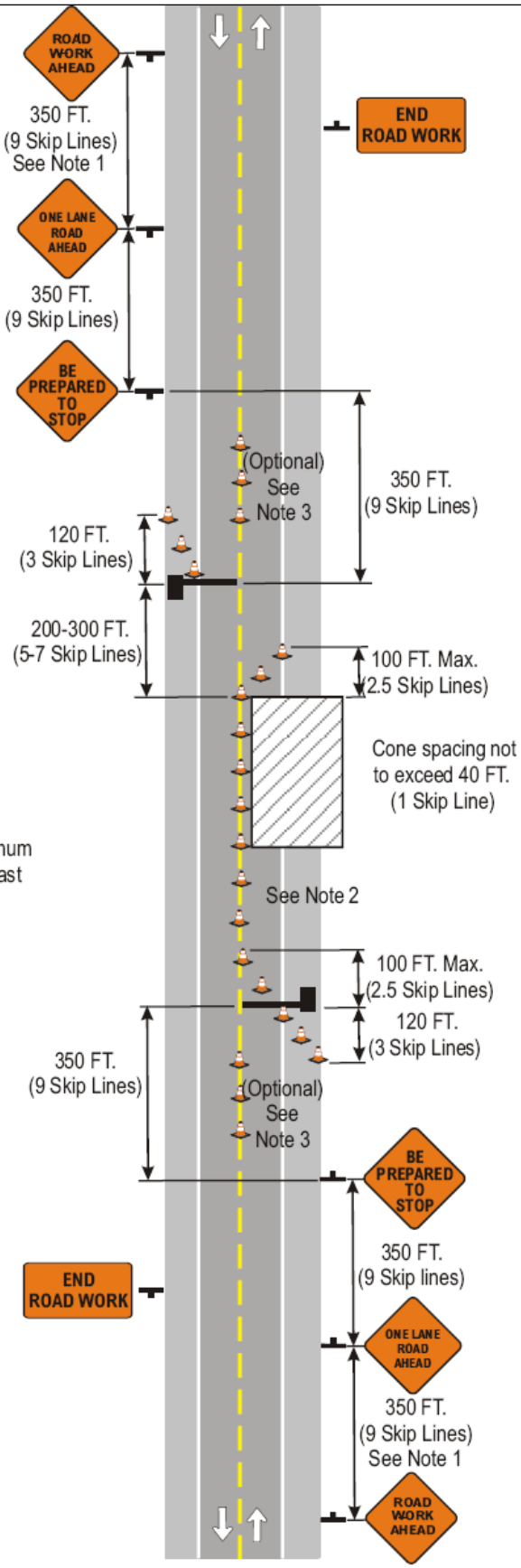
This sign shall be located a Maximum distance of 500' (12 Skip Lines) past the work area.

W20-1
36x36 in.

W3-4
36x36 in.

Automated Flagger Device with Stop/Slow Panels and Signs

Work Area



NOT TO SCALE

NYSDOT
WORK ZONE TRAFFIC CONTROL

SHORT-TERM STATIONARY
OPERATION INVOLVING
DAYTIME
LANE CLOSURE WITH TWO AUTOMATED FLAGGER DEVICES (STOP/SLOW PANELS)
ON
HIGH SPEED URBAN (45-55 mph) TWO-LANE CONVENTIONAL HIGHWAY

FEBRUARY 2009 TAST-C3UH

(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 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 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.

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)

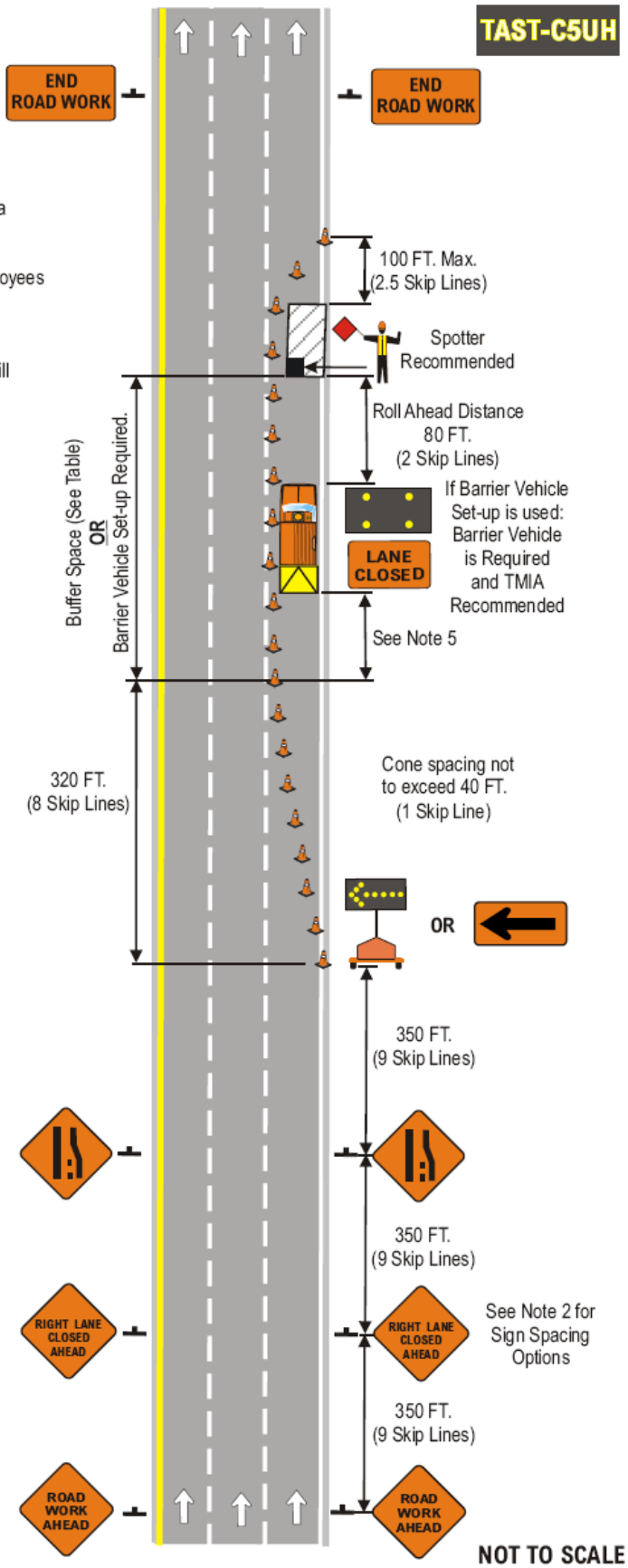
Barrier Vehicle with TMIA

Work Area

NYSDOT
WORK ZONE TRAFFIC CONTROL

SHORT-TERM STATIONARY
OPERATION INVOLVING
RIGHT LANE CLOSURE
(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)

TAST-C6UH

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 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.

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

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

ROAD WORK AHEAD — W20-1 36x36 in.

W4-2R 36x36 in.

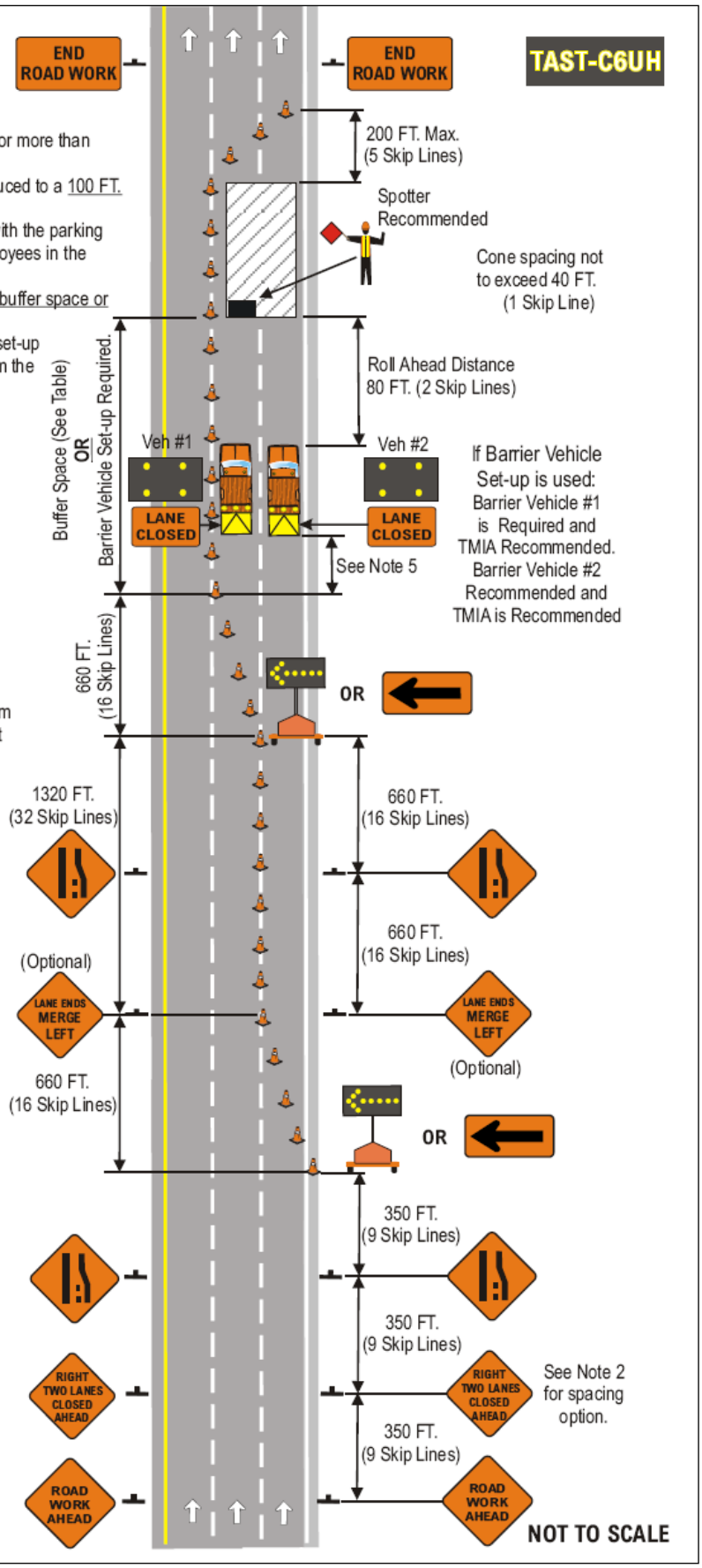
LANE CLOSED — NYW8-33 48x24 in.

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 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.

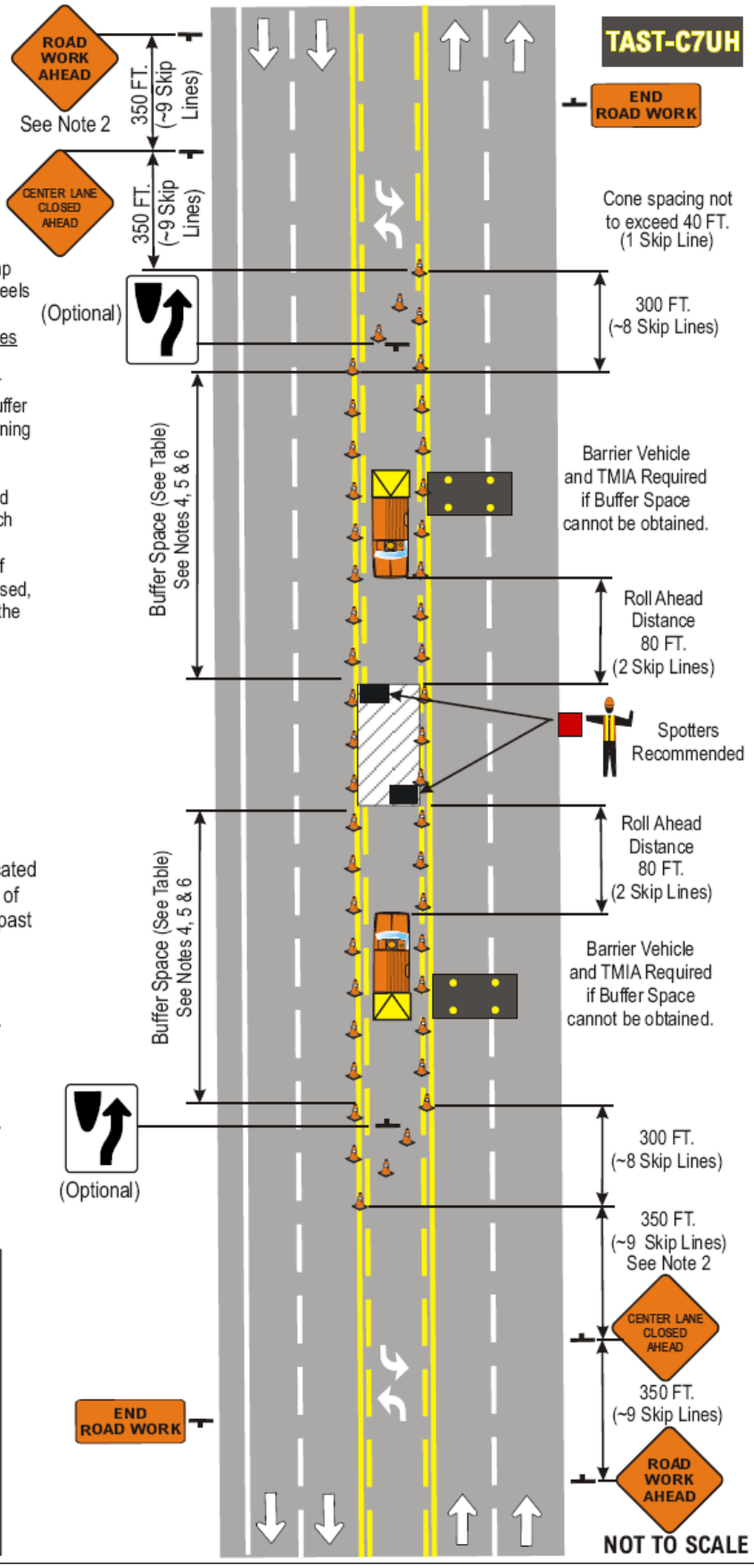
Arrow Panel (Caution Mode)

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)

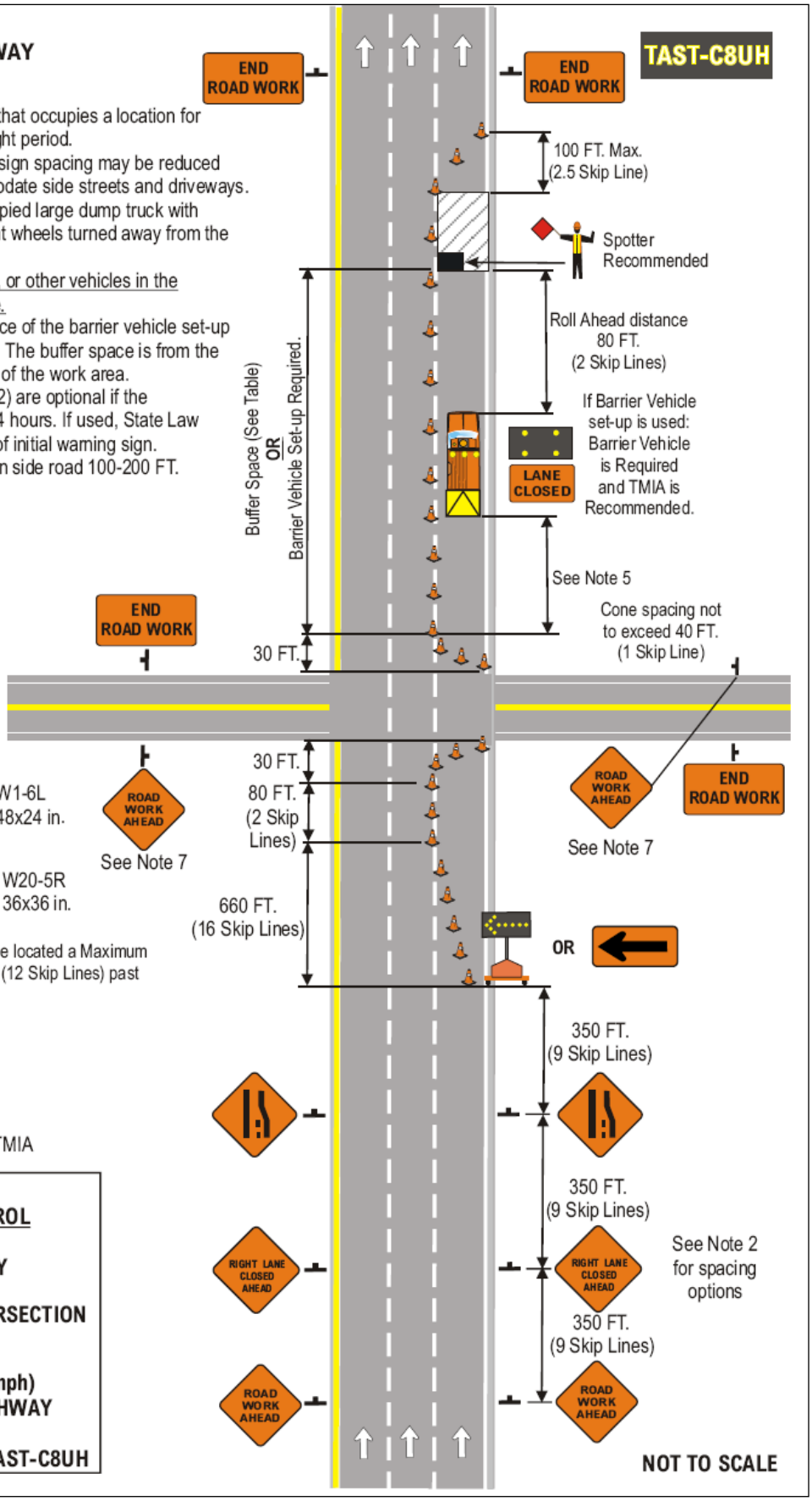
HIGH SPEED URBAN HIGHWAY
(45-55 mph)

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.

W4-2R 36x36 in.

W1-6L 48x24 in.

ROAD WORK AHEAD — W20-1 36x36 in.

RIGHT LANE CLOSED AHEAD — W20-5R 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.

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.

G20-2
48x24 in.

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

W21-5aR
48x48 in.

W20-1
48x48 in.

W21-5
48x48 in.

W21-5bR
48x48 in.

Work Area

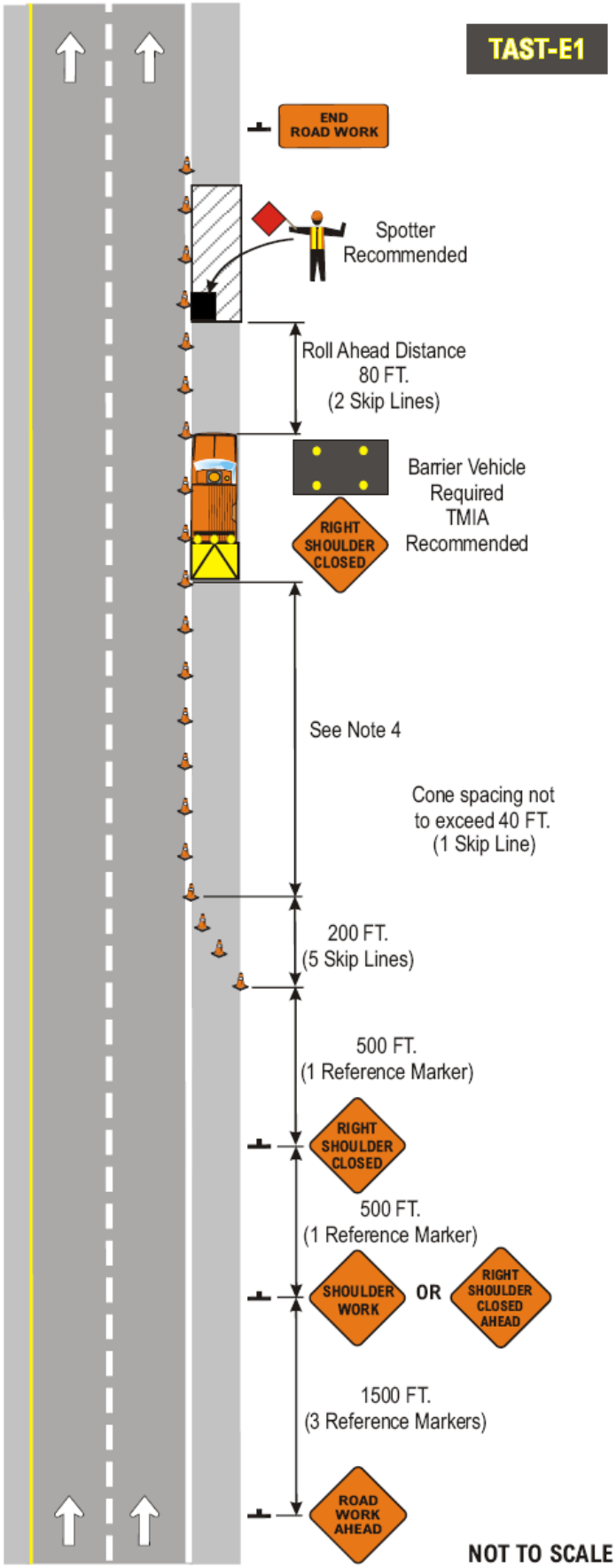
Arrow Panel
(Caution Mode)

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)

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 ½ MILE — W20-5R 48x48 in.

W4-2R 48x48 in.

Work Area

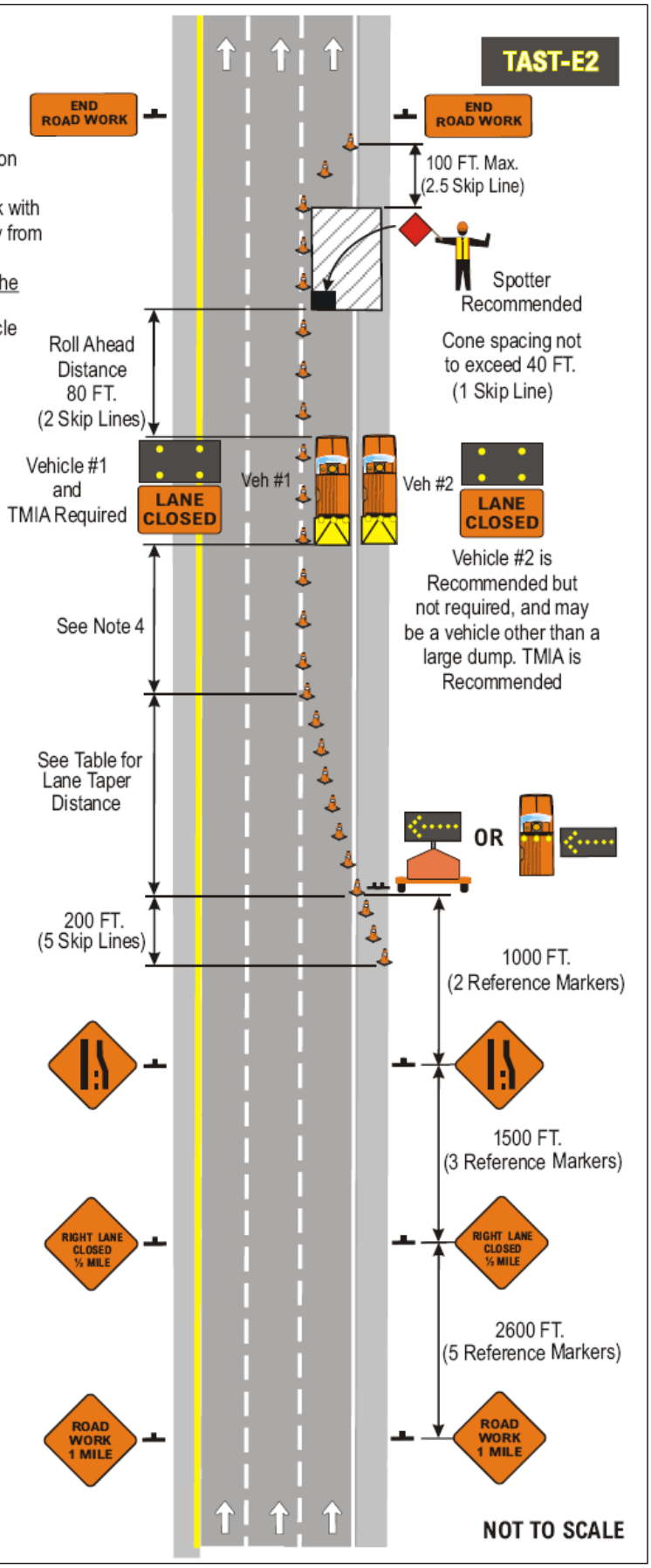
Arrow Panel (Caution Mode)

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 ½ MILE — W20-5R 48x48 in.

W4-2R 48x48 in.

Work Area

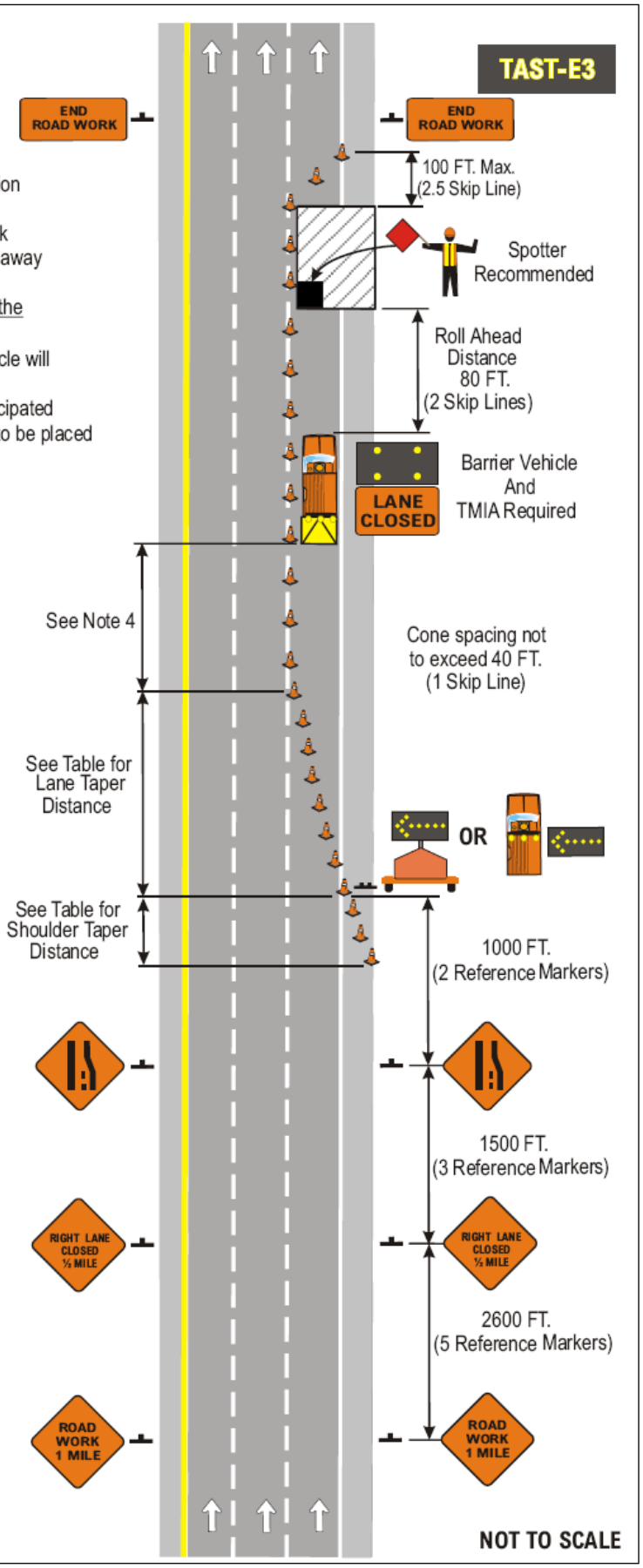
Arrow Panel (Caution Mode)

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.

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 LEFT — W9-2L 48x48 in.

ROAD WORK 1 MILE — W20-1 48x48 in.

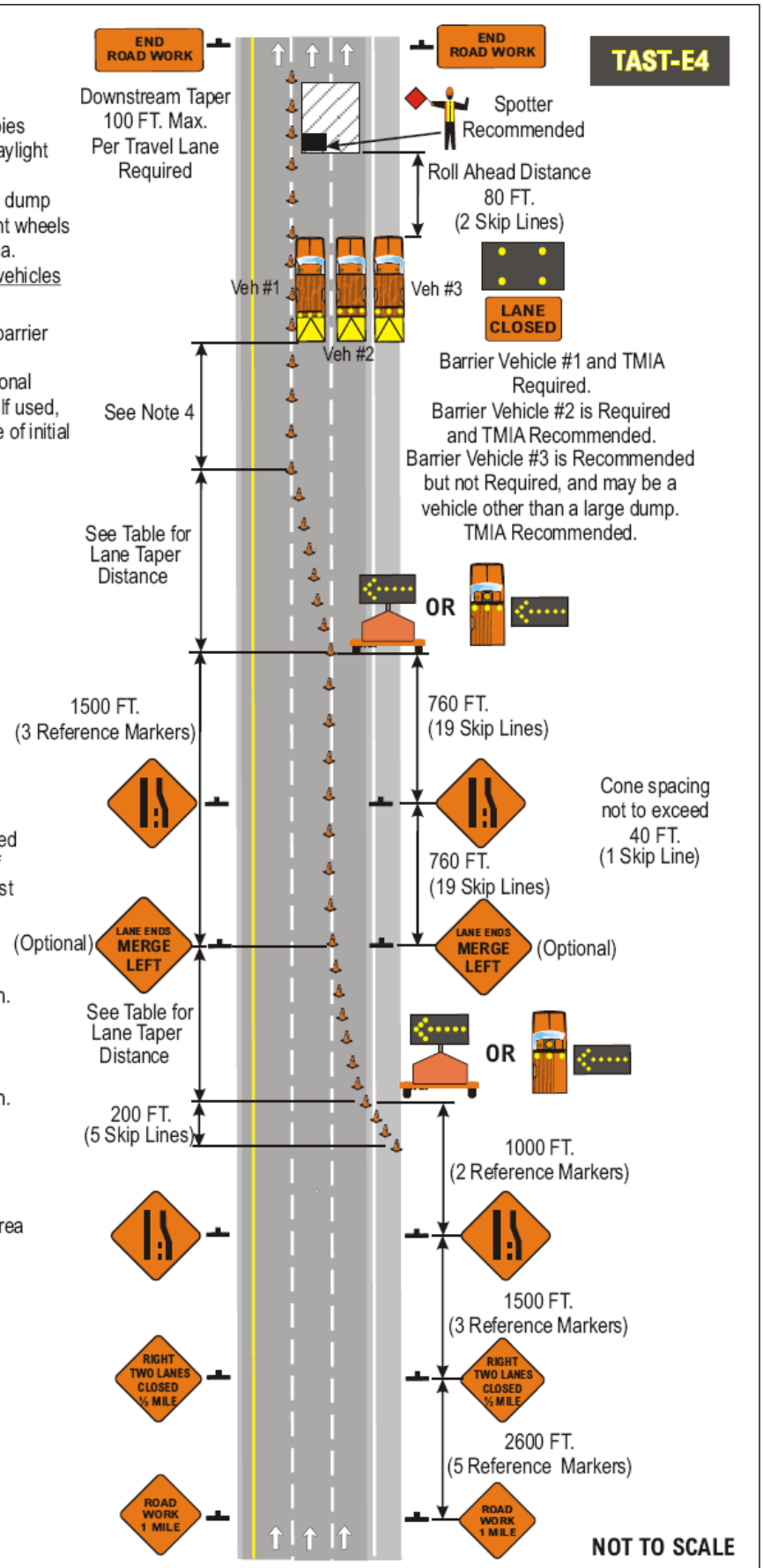
RIGHT TWO LANES CLOSED ½ MILE — W20-5aR 48x48 in.

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

(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'

NYW8-33 48x24 in.

G20-2 48x24 in.

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

W9-2L 48x48 in.

W20-1 48x48 in.

W20-5aR 48x48 in.

W4-2R 48x48 in.

Arrow Panel (Caution Mode)

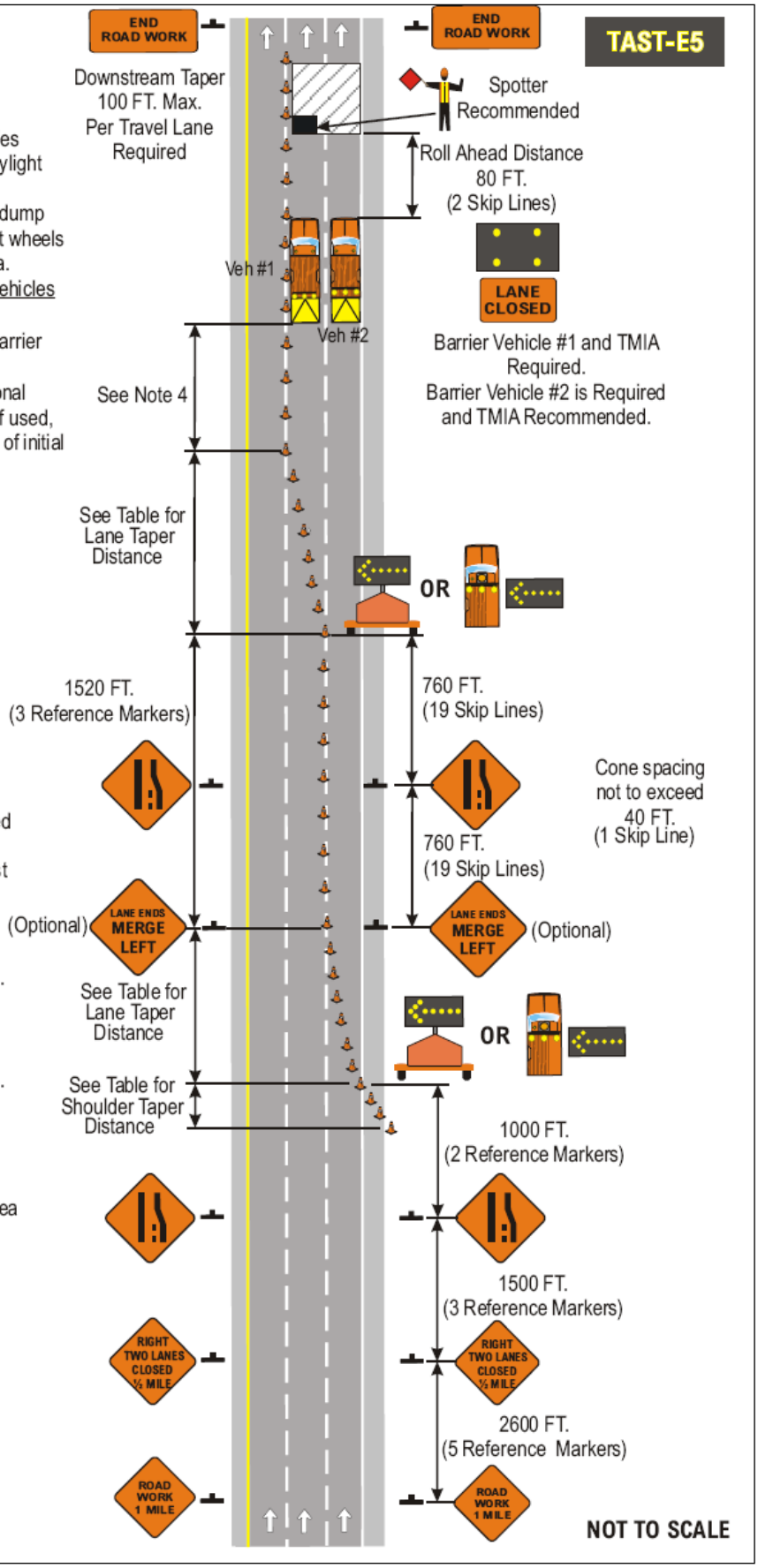
Barrier Vehicle with TMIA

Work Area

NYSDOT
WORK ZONE TRAFFIC CONTROL

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

MARCH 2009 TAST-E5



(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'

G20-2
48x24 in.

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

NYW8-33
48x24 in.

W20-1
48x48 in.

W20-5L
48x48 in.

W4-2L
48x48 in.

Work Area

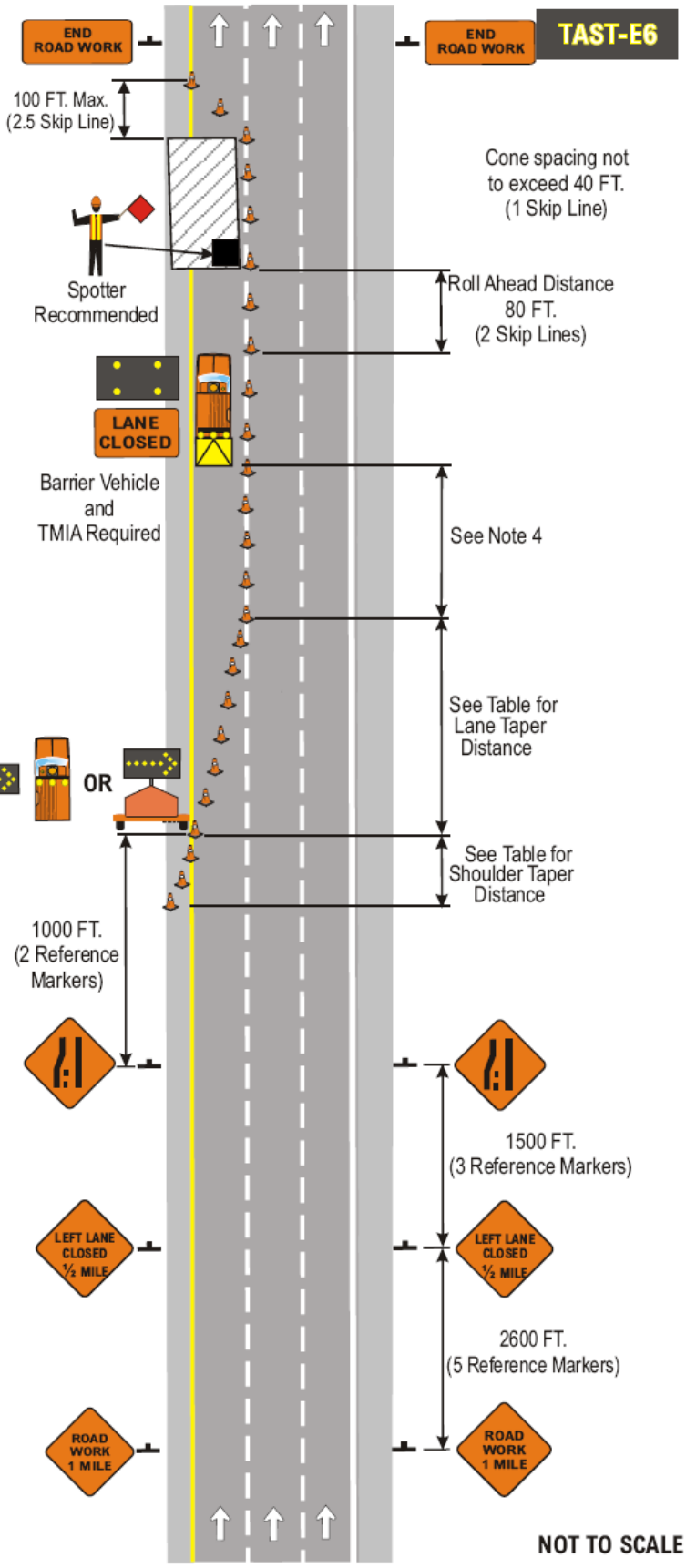
Arrow Panel
(Caution Mode)

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



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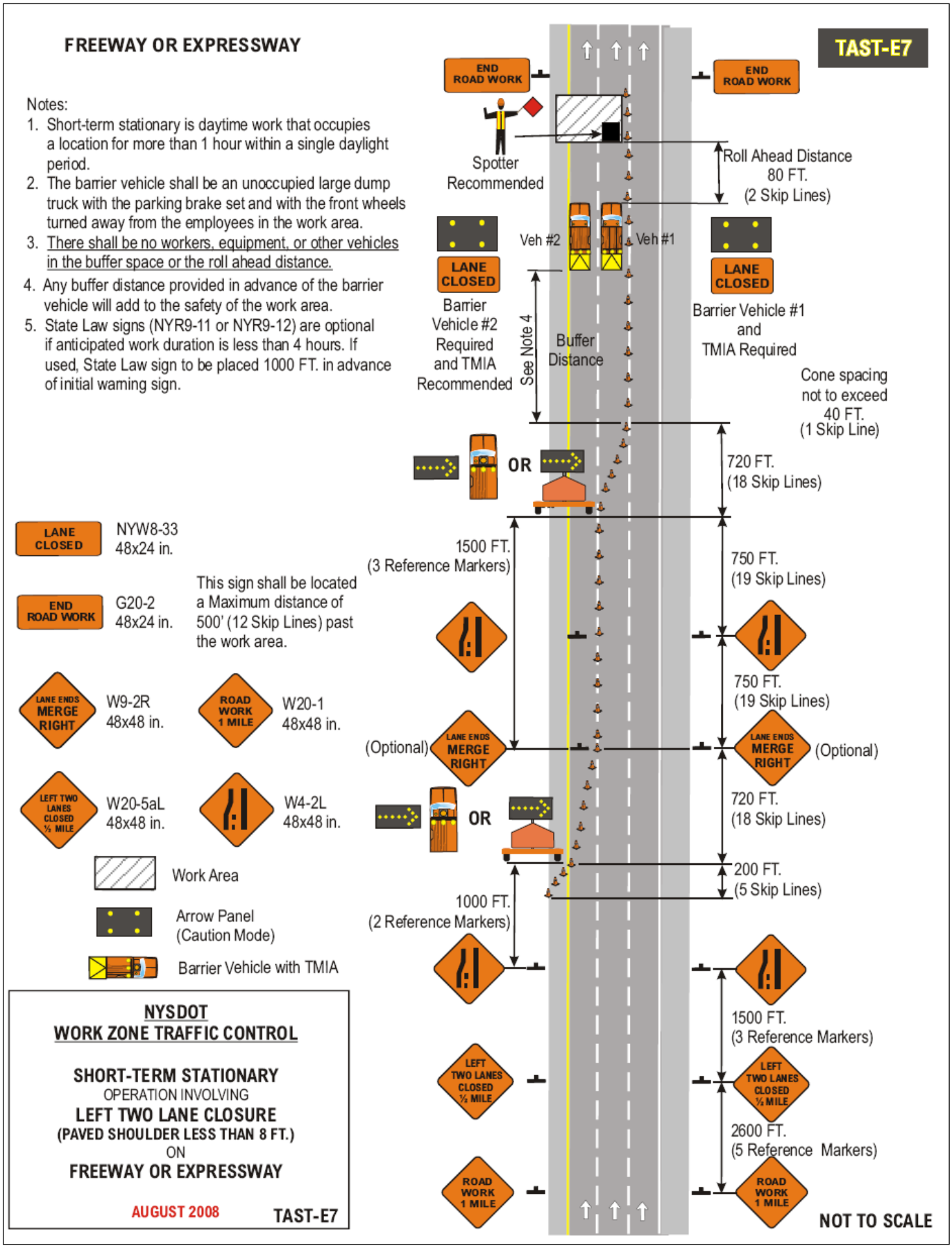
FREEWAY OR EXPRESSWAY
TAST-E7
Notes:
1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. The barrier vehicle shall be an unoccupied large dump truck with the parking brake set and with the front wheels turned away from the employees 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.
END ROAD WORK
END ROAD WORK
Spotter Recommended
Roll Ahead Distance 80 FT. (2 Skip Lines)
Veh #2
Veh #1
LANE CLOSED
LANE CLOSED
Barrier Vehicle #2 Required and TMIA Recommended
See Note 4
Buffer Distance
Barrier Vehicle #1 and TMIA Required
Cone spacing not to exceed 40 FT. (1 Skip Line)
OR
720 FT. (18 Skip Lines)
1500 FT. (3 Reference Markers)
750 FT. (19 Skip Lines)
750 FT. (19 Skip Lines)
(Optional)
LANE ENDS MERGE RIGHT
LANE ENDS MERGE RIGHT
(Optional)
OR
720 FT. (18 Skip Lines)
200 FT. (5 Skip Lines)
1000 FT. (2 Reference Markers)
1500 FT. (3 Reference Markers)
LEFT TWO LANES CLOSED ½ MILE
LEFT TWO LANES CLOSED ½ MILE
2600 FT. (5 Reference Markers)
ROAD WORK 1 MILE
ROAD WORK 1 MILE
NOT TO SCALE
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 ½ MILE W20-5aL 48x48 in.
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)