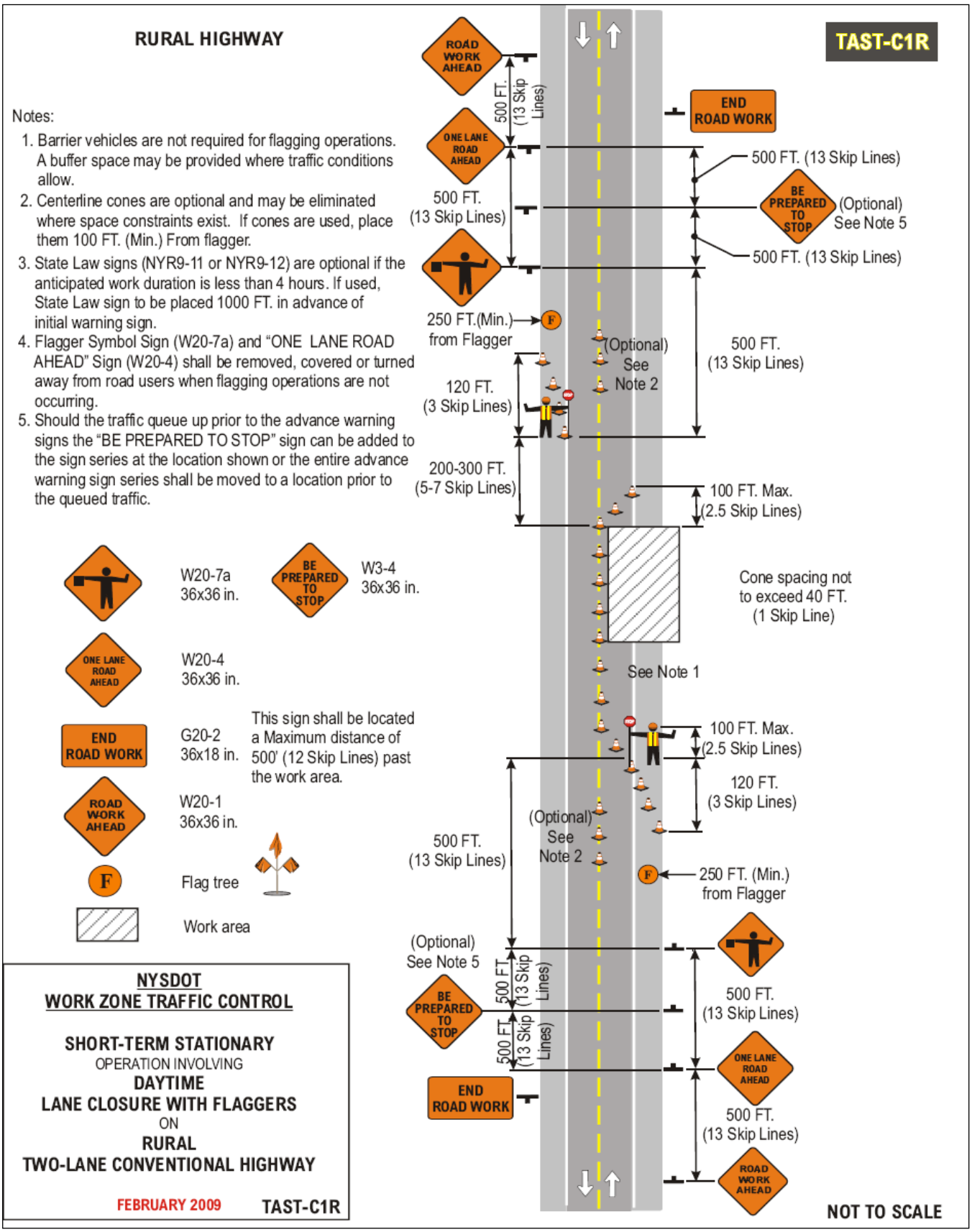
Attachment 13

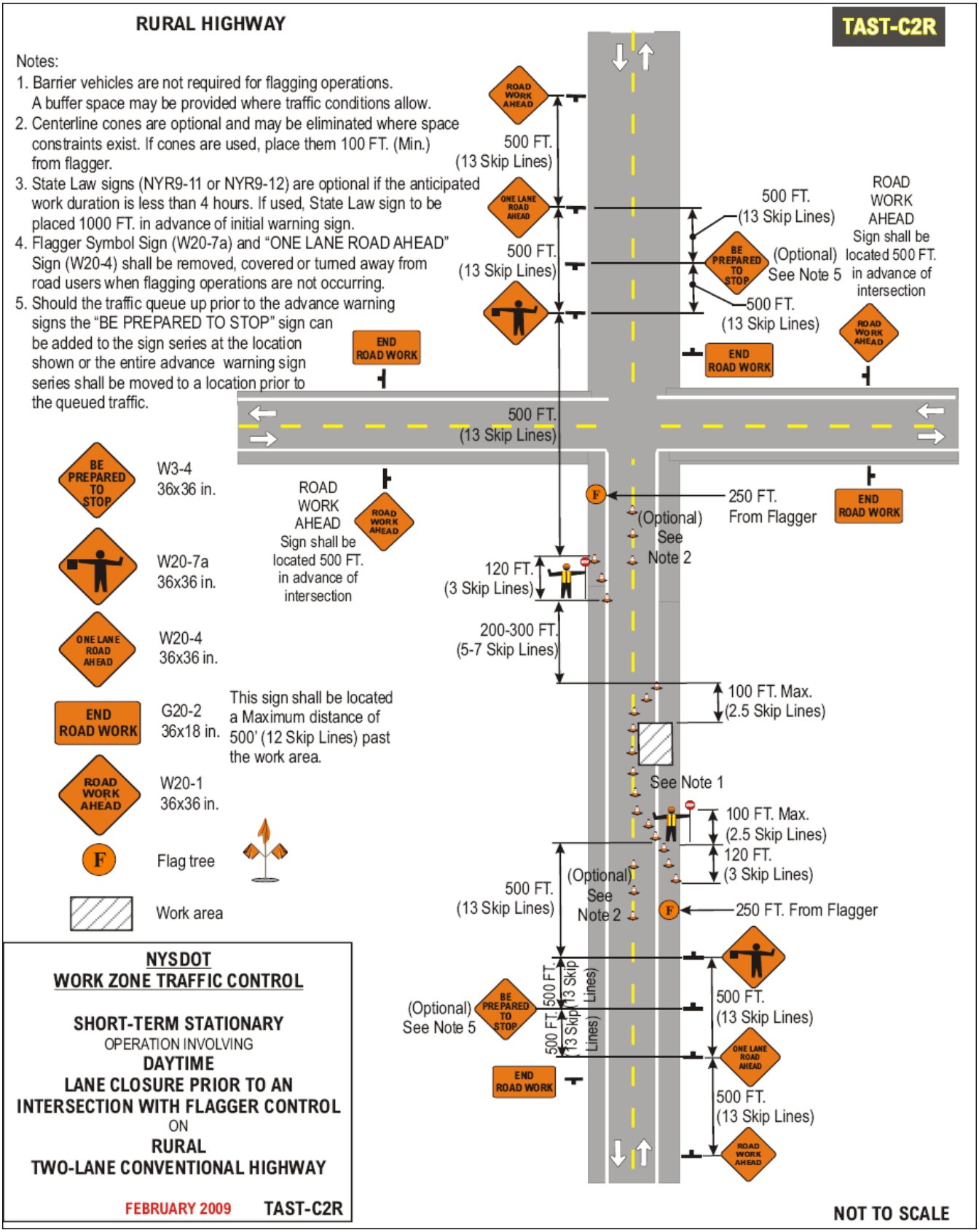
NYSDOT Work Zone Traffic Control Drawings

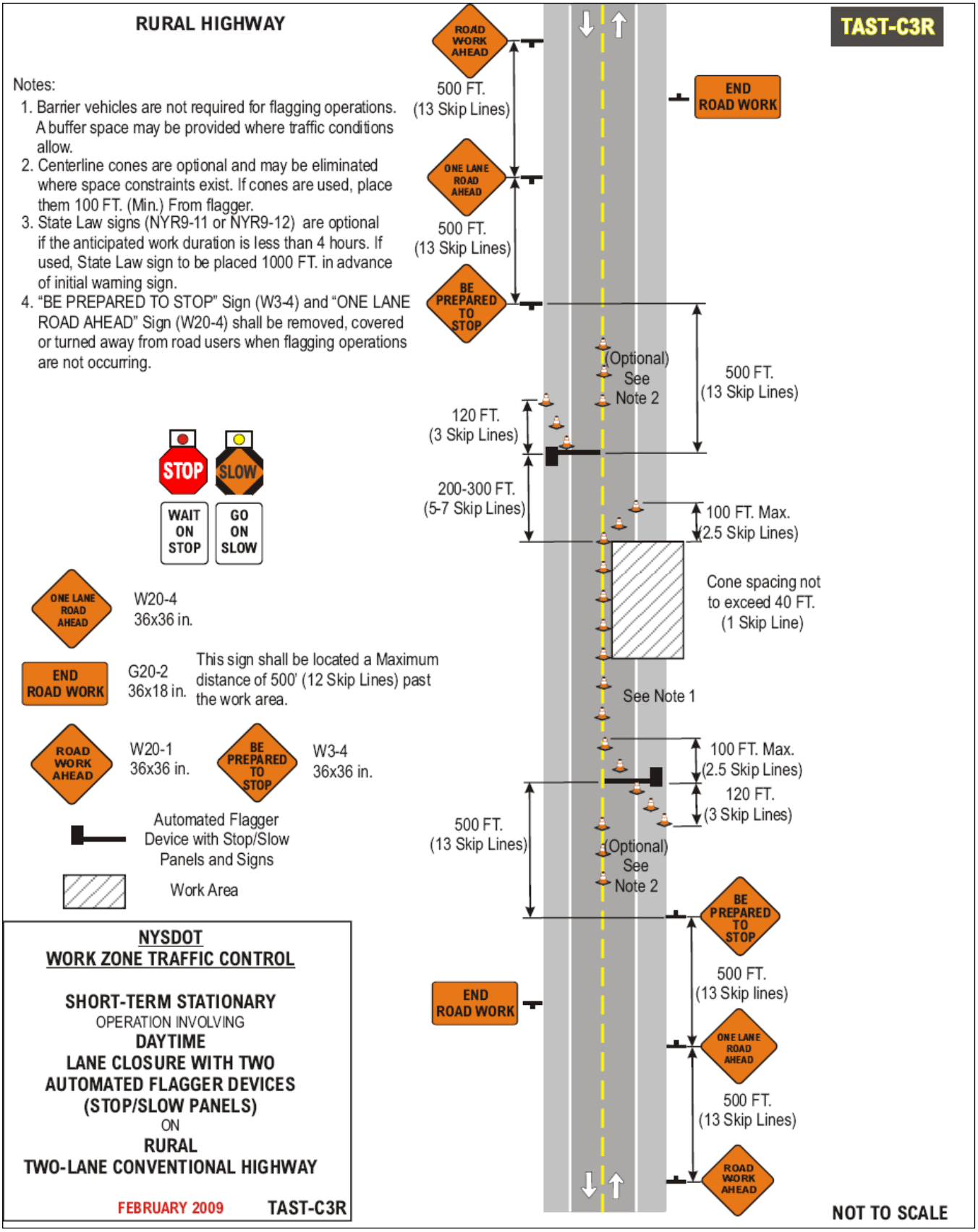
Bituminous Concrete - Hot Mix Asphalt

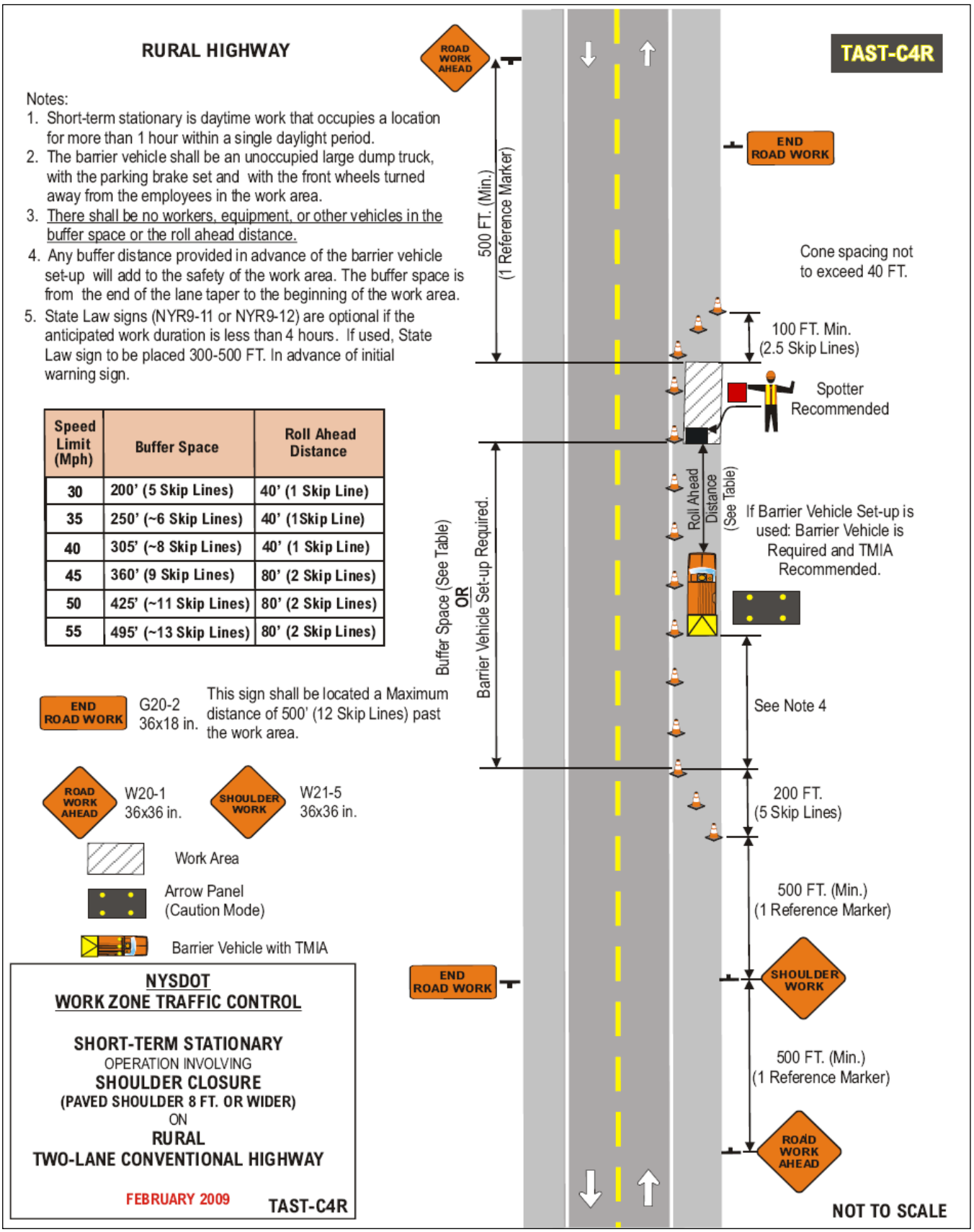
(2020 VPP NYSDOT Specific Projects (Federal & State Funds)

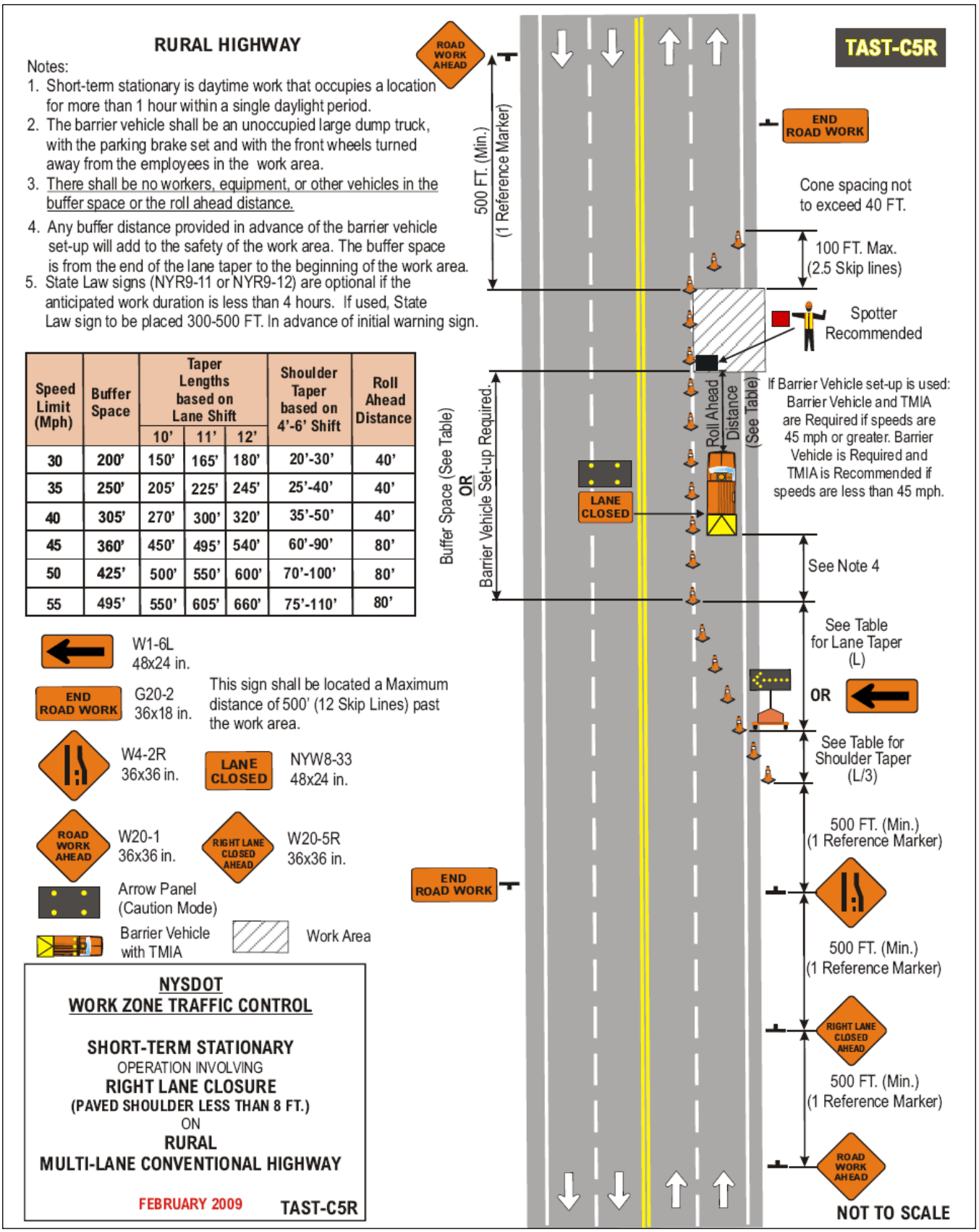
IFB# 23194


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.
ROAD WORK AHEAD
500 FT. (13 Skip Lines)
ONE LANE ROAD AHEAD
500 FT. (13 Skip Lines)
END ROAD WORK
500 FT. (13 Skip Lines)
BE PREPARED TO STOP
(Optional) See Note 5
500 FT. (13 Skip Lines)
250 FT.(Min.) from Flagger
F
(Optional) See Note 2
500 FT. (13 Skip Lines)
120 FT. (3 Skip Lines)
200-300 FT. (5-7 Skip Lines)
100 FT. Max. (2.5 Skip Lines)
Cone spacing not to exceed 40 FT. (1 Skip Line)
See Note 1
100 FT. Max. (2.5 Skip Lines)
120 FT. (3 Skip Lines)
(Optional) See Note 2
500 FT. (13 Skip Lines)
F
250 FT. (Min.) from Flagger
(Optional) See Note 5
BE PREPARED TO STOP
500 FT. (13 Skip Lines)
500 FT. (13 Skip Lines)
500 FT. (13 Skip Lines)
ONE LANE ROAD AHEAD
500 FT. (13 Skip Lines)
END ROAD WORK
ROAD WORK AHEAD
W20-7a 36x36 in.
BE PREPARED TO STOP
W3-4 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
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

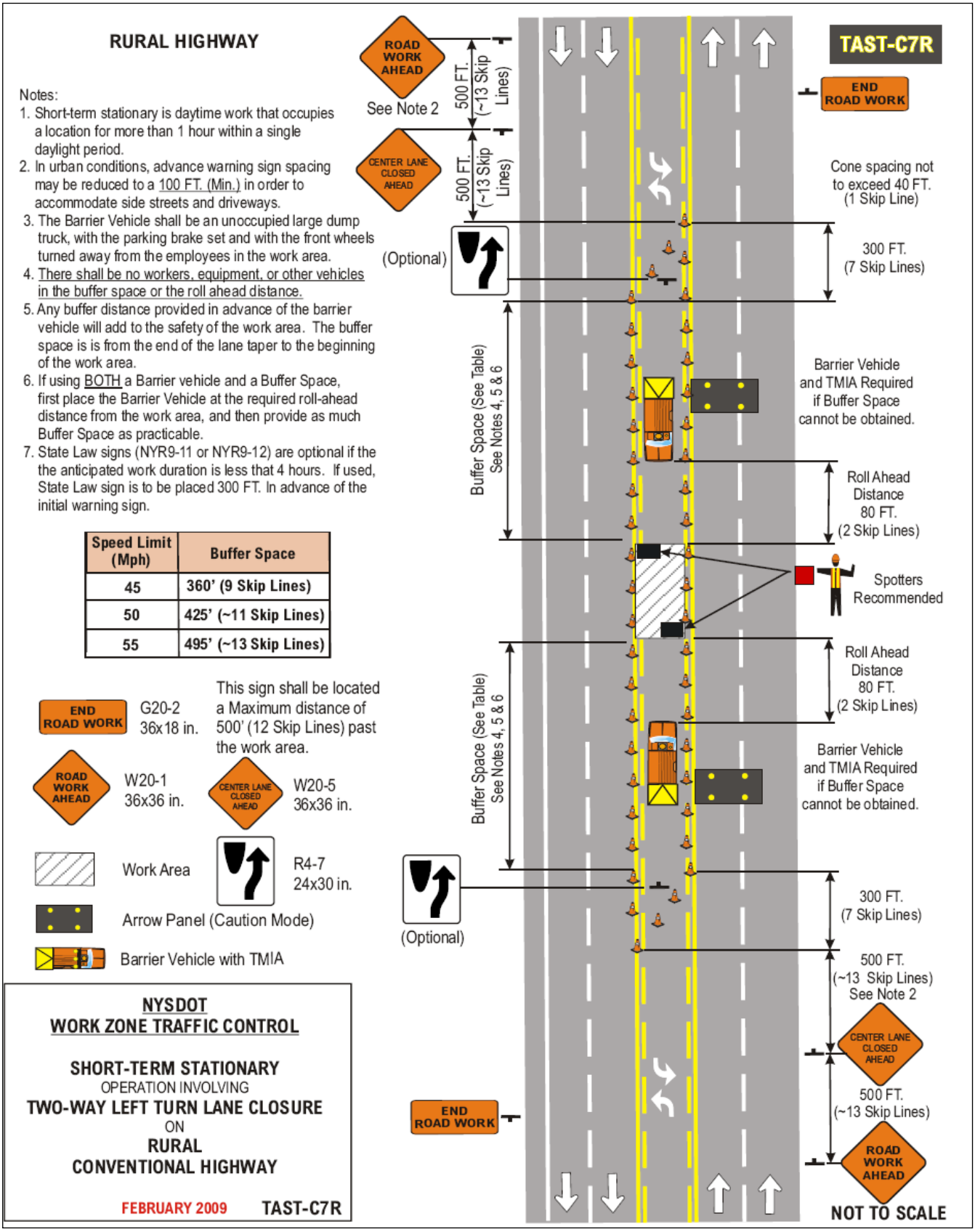

RURAL HIGHWAY
TAST-C2R
Notes:
1. Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
2. Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) from flagger.
3. 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)
ROAD WORK AHEAD Sign shall be located 500 FT. in advance of intersection
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
F
250 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)
500 FT. (13 Skip Lines)
(Optional) See Note 2
F
250 FT. From Flagger
(Optional) See Note 5
BE PREPARED TO STOP
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

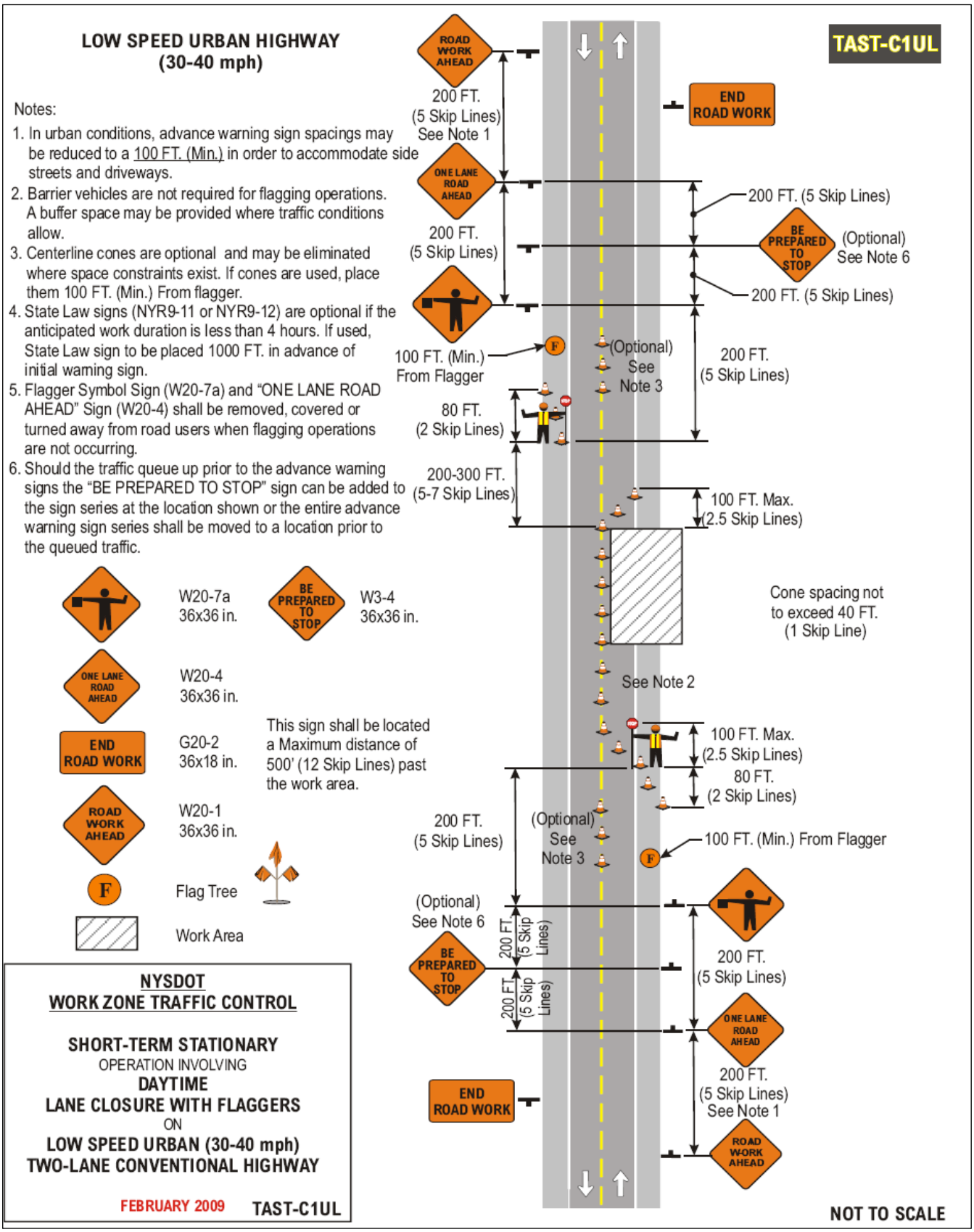

RURAL HIGHWAY
TAST-C3R
Notes:
1. Barrier vehicles are not required for flagging operations. A buffer space may be provided where traffic conditions allow.
2. Centerline cones are optional and may be eliminated where space constraints exist. If cones are used, place them 100 FT. (Min.) From flagger.
3. 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)
ONE LANE ROAD AHEAD
500 FT. (13 Skip Lines)
BE PREPARED TO STOP
END ROAD WORK
(Optional) See Note 2
500 FT. (13 Skip Lines)
120 FT. (3 Skip Lines)
200-300 FT. (5-7 Skip Lines)
100 FT. Max. (2.5 Skip Lines)
Cone spacing not to exceed 40 FT. (1 Skip Line)
See Note 1
100 FT. Max. (2.5 Skip Lines)
120 FT. (3 Skip Lines)
500 FT. (13 Skip Lines)
(Optional) See Note 2
BE PREPARED TO STOP
500 FT. (13 Skip lines)
END ROAD WORK
ONE LANE ROAD AHEAD
500 FT. (13 Skip Lines)
ROAD WORK AHEAD
STOP
SLOW
WAIT ON STOP
GO ON SLOW
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.
BE PREPARED TO STOP
W3-4 36x36 in.
Automated Flagger Device with Stop/Slow Panels and Signs
Work Area
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
NOT TO SCALE

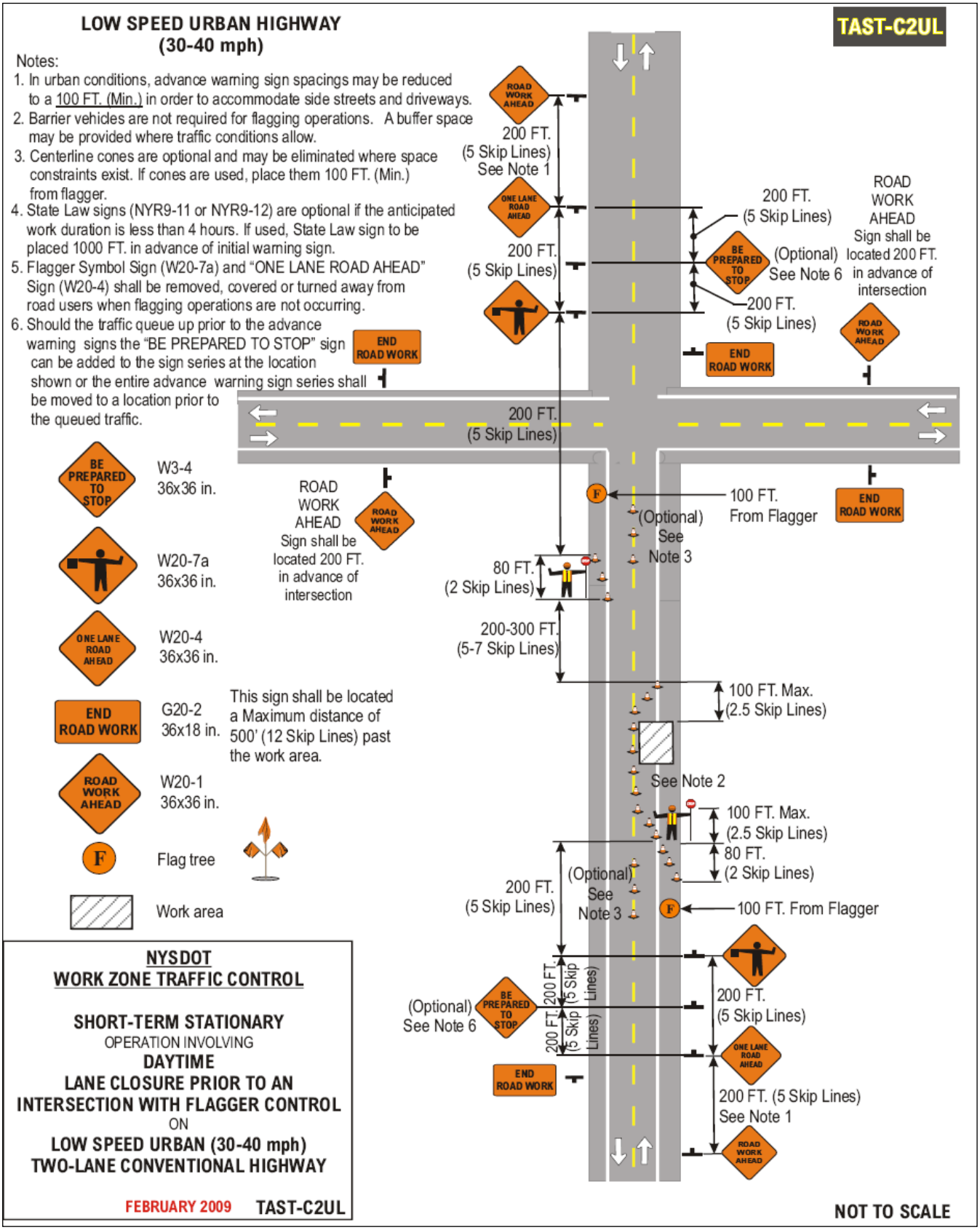

RURAL HIGHWAY
TAST-C4R
Notes:
1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. The barrier vehicle shall be an unoccupied large dump truck, with the parking brake set and with the front wheels turned away from the employees in 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)
ROAD WORK AHEAD
END ROAD WORK
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
RURAL
TWO-LANE CONVENTIONAL HIGHWAY
FEBRUARY 2009
TAST-C4R
500 FT. (Min.)
(1 Reference Marker)
Cone spacing not to exceed 40 FT.
100 FT. Min.
(2.5 Skip Lines)
Spotter Recommended
Roll Ahead Distance
(See Table)
If Barrier Vehicle Set-up is used: Barrier Vehicle is Required and TMIA Recommended.
Buffer Space (See Table)
OR
Barrier Vehicle Set-up Required.
See Note 4
200 FT.
(5 Skip Lines)
500 FT. (Min.)
(1 Reference Marker)
SHOULDER WORK
500 FT. (Min.)
(1 Reference Marker)
ROAD WORK AHEAD
NOT TO SCALE

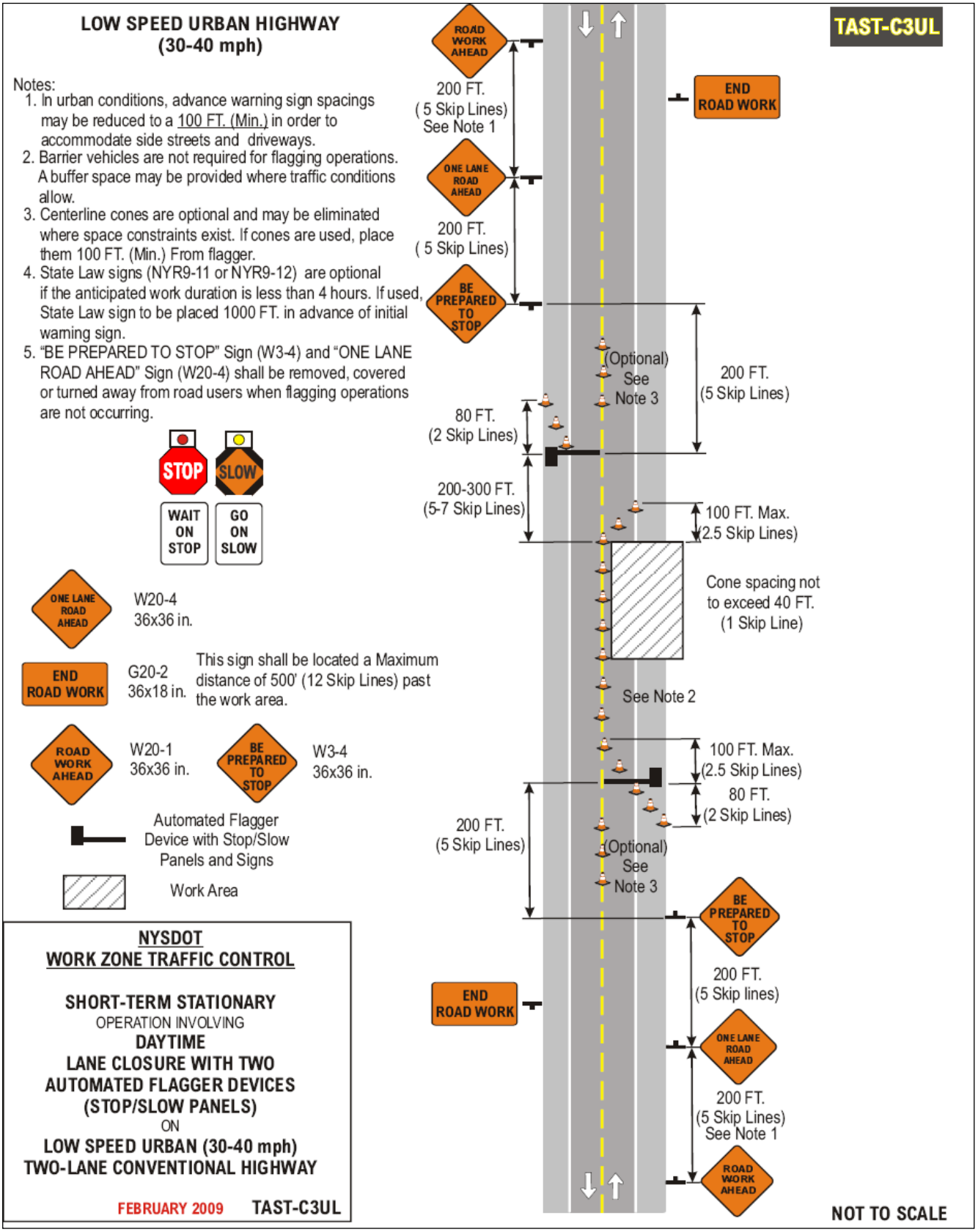


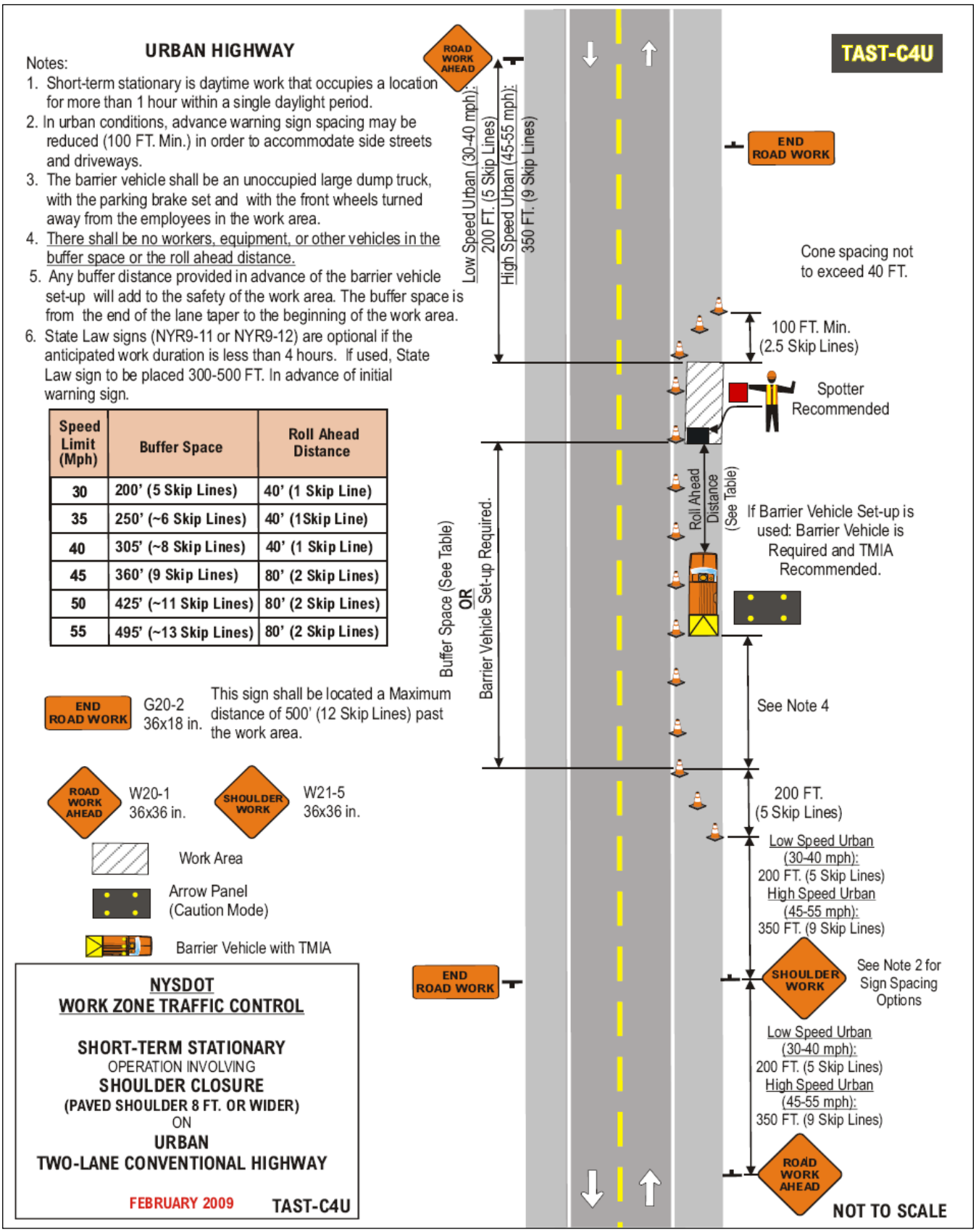
Speed Limit (Mph)	Buffer Space	Taper Lengths based on Lane Shift			Shoulder Taper based on 4'-6' Shift	Roll Ahead Distance
		10'	11'	12'		
30	200'	150'	165'	180'	20'-30'	40'
35	250'	205'	225'	245'	25'-40'	40'
40	305'	270'	300'	320'	35'-50'	40'
45	360'	450'	495'	540'	60'-90'	80'
50	425'	500'	550'	600'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


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
TAST-C7R
ROAD WORK AHEAD
See Note 2
500 FT. (~13 Skip Lines)
CENTER LANE CLOSED AHEAD
500 FT. (~13 Skip Lines)
END ROAD WORK
Cone spacing not to exceed 40 FT. (1 Skip Line)
(Optional)
300 FT. (7 Skip Lines)
Buffer Space (See Table) See Notes 4, 5 & 6
Barrier Vehicle and TMIA Required if Buffer Space cannot be obtained.
Roll Ahead Distance 80 FT. (2 Skip Lines)
Spotters Recommended
Roll Ahead Distance 80 FT. (2 Skip Lines)
Buffer Space (See Table) See Notes 4, 5 & 6
Barrier Vehicle and TMIA Required if Buffer Space cannot be obtained.
(Optional)
300 FT. (7 Skip Lines)
500 FT. (~13 Skip Lines) See Note 2
CENTER LANE CLOSED AHEAD
500 FT. (~13 Skip Lines)
END ROAD WORK
ROAD WORK AHEAD
NOT TO SCALE


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.
ROAD WORK AHEAD
200 FT. (5 Skip Lines) See Note 1
END ROAD WORK
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)
100 FT. (Min.) From Flagger
F
(Optional) See Note 3
200 FT. (5 Skip Lines)
80 FT. (2 Skip Lines)
200-300 FT. (5-7 Skip Lines)
100 FT. Max. (2.5 Skip Lines)
Cone spacing not to exceed 40 FT. (1 Skip Line)
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. (Min.) From Flagger
(Optional) See Note 6
200 FT. (5 Skip Lines)
BE PREPARED TO STOP
200 FT. (5 Skip Lines)
200 FT. (5 Skip Lines)
ONE LANE ROAD AHEAD
200 FT. (5 Skip Lines) See Note 1
END ROAD WORK
ROAD WORK AHEAD
W20-7a 36x36 in.
BE PREPARED TO STOP
W3-4 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
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
NOT TO SCALE


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
END ROAD WORK
200 FT. (5 Skip Lines)
END ROAD WORK
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 200 FT. in advance of intersection
F
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
F
100 FT. From Flagger
(Optional) See Note 6
BE PREPARED TO STOP
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
ROAD WORK AHEAD
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
NOT TO SCALE


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.
STOP
SLOW
WAIT ON STOP
GO ON SLOW
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.
BE PREPARED TO STOP
W3-4
36x36 in.
Automated Flagger Device with Stop/Slow Panels and Signs
Work Area
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
ROAD WORK AHEAD
200 FT.
(5 Skip Lines)
See Note 1
ONE LANE ROAD AHEAD
200 FT.
(5 Skip Lines)
BE PREPARED TO STOP
END ROAD WORK
(Optional) See Note 3
200 FT.
(5 Skip Lines)
80 FT.
(2 Skip Lines)
200-300 FT.
(5-7 Skip Lines)
100 FT. Max.
(2.5 Skip Lines)
Cone spacing not to exceed 40 FT.
(1 Skip Line)
See Note 2
100 FT. Max.
(2.5 Skip Lines)
80 FT.
(2 Skip Lines)
200 FT.
(5 Skip Lines)
(Optional) See Note 3
BE PREPARED TO STOP
200 FT.
(5 Skip lines)
END ROAD WORK
ONE LANE ROAD AHEAD
200 FT.
(5 Skip Lines)
See Note 1
ROAD WORK AHEAD
NOT TO SCALE

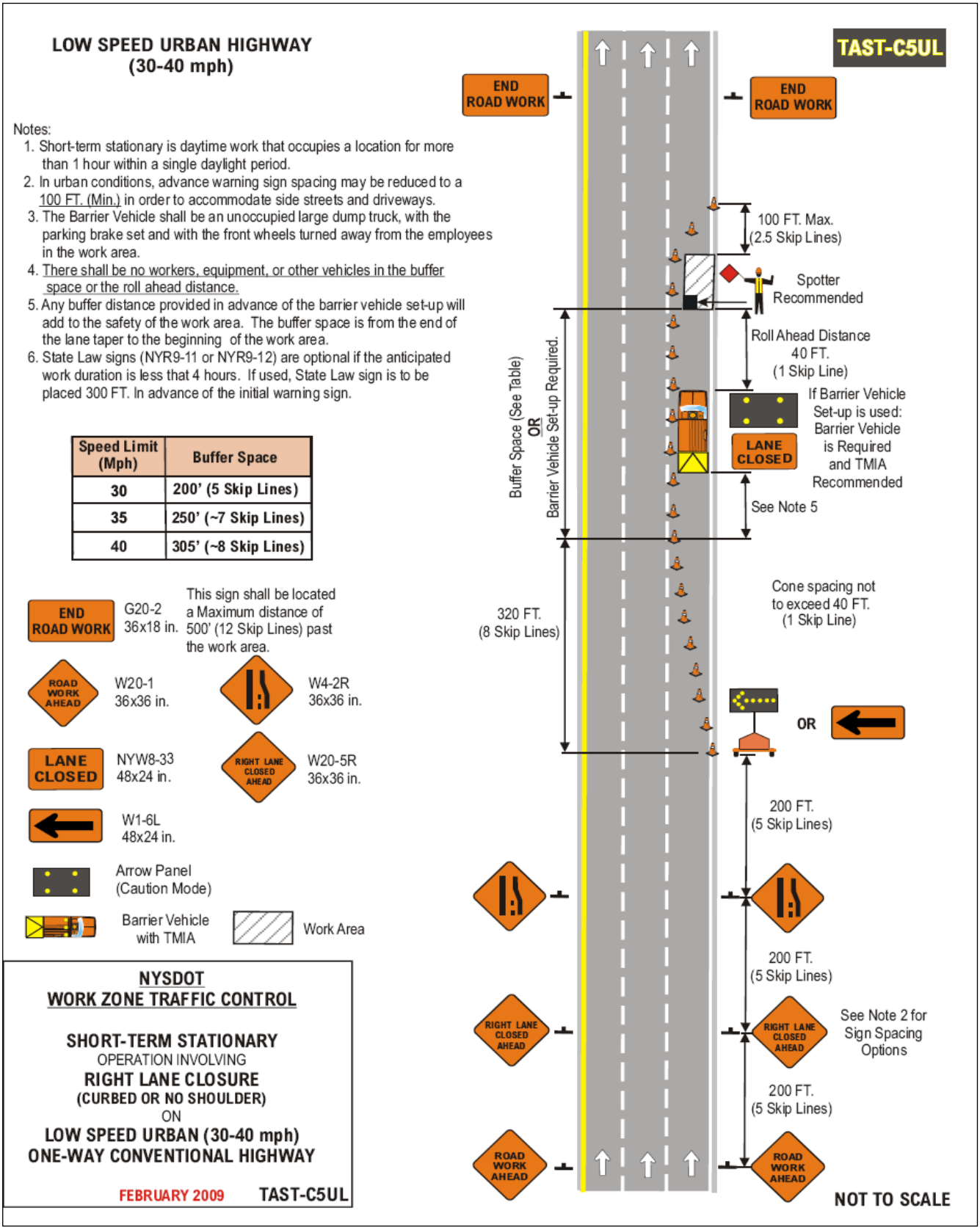

URBAN HIGHWAY
Notes:
1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. In urban conditions, advance warning sign spacing may be reduced (100 FT. Min.) in order to accommodate side streets and driveways.
3. The barrier vehicle shall 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)
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
URBAN
TWO-LANE CONVENTIONAL HIGHWAY
FEBRUARY 2009
TAST-C4U
TAST-C4U
ROAD WORK AHEAD
Low Speed Urban (30-40 mph): 200 FT. (5 Skip Lines)
High Speed Urban (45-55 mph): 350 FT. (9 Skip Lines)
END ROAD WORK
Cone spacing not to exceed 40 FT.
100 FT. Min. (2.5 Skip Lines)
Spotter Recommended
Buffer Space (See Table) OR Barrier Vehicle Set-up Required.
Roll Ahead Distance (See Table)
If Barrier Vehicle Set-up is used: Barrier Vehicle is Required and TMIA Recommended.
See Note 4
200 FT. (5 Skip Lines)
Low Speed Urban (30-40 mph): 200 FT. (5 Skip Lines)
High Speed Urban (45-55 mph): 350 FT. (9 Skip Lines)
END ROAD WORK
SHOULDER WORK
See Note 2 for Sign Spacing Options
Low Speed Urban (30-40 mph): 200 FT. (5 Skip Lines)
High Speed Urban (45-55 mph): 350 FT. (9 Skip Lines)
ROAD WORK AHEAD
NOT TO SCALE

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)

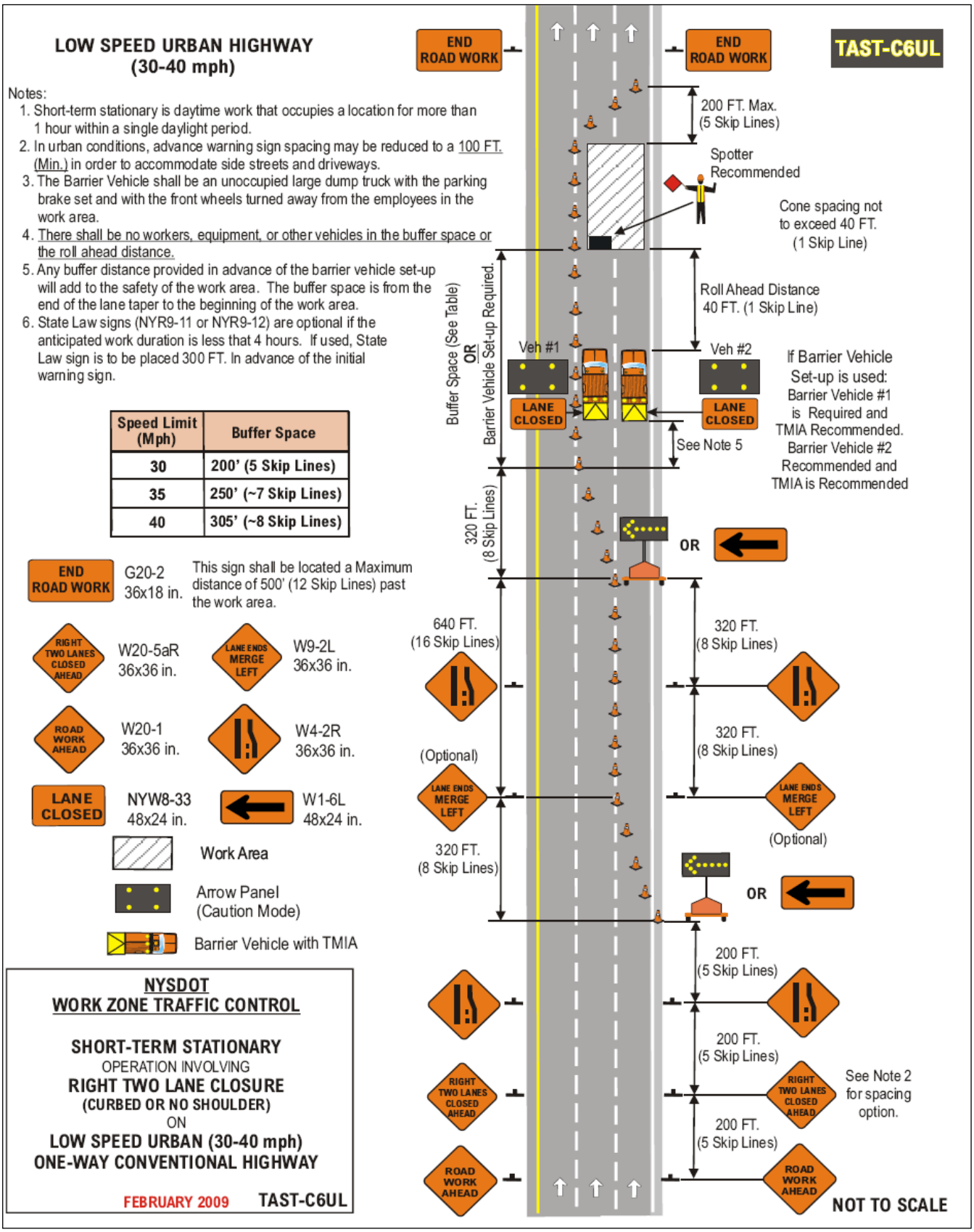
Barrier Vehicle with TMIA

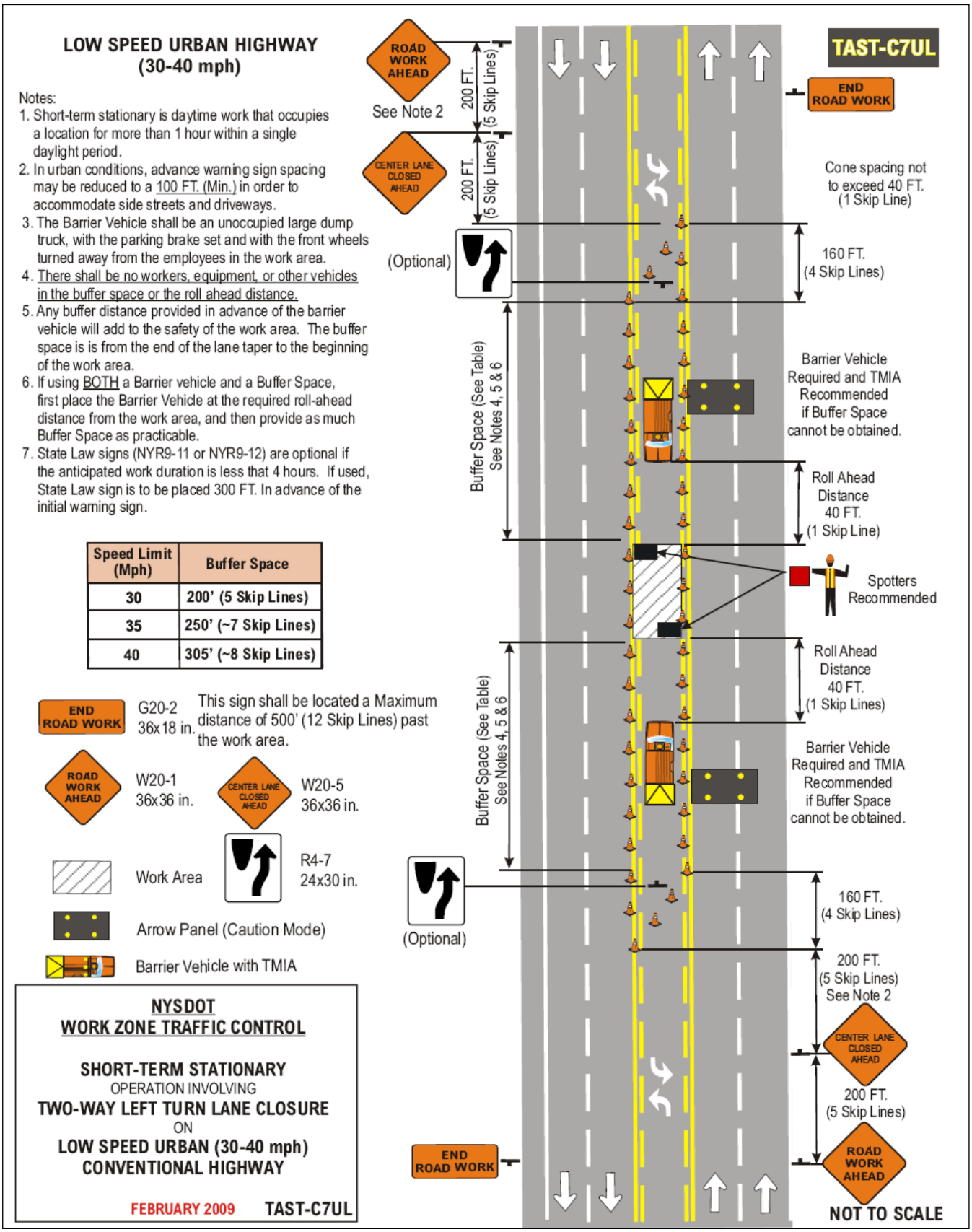
Work Area

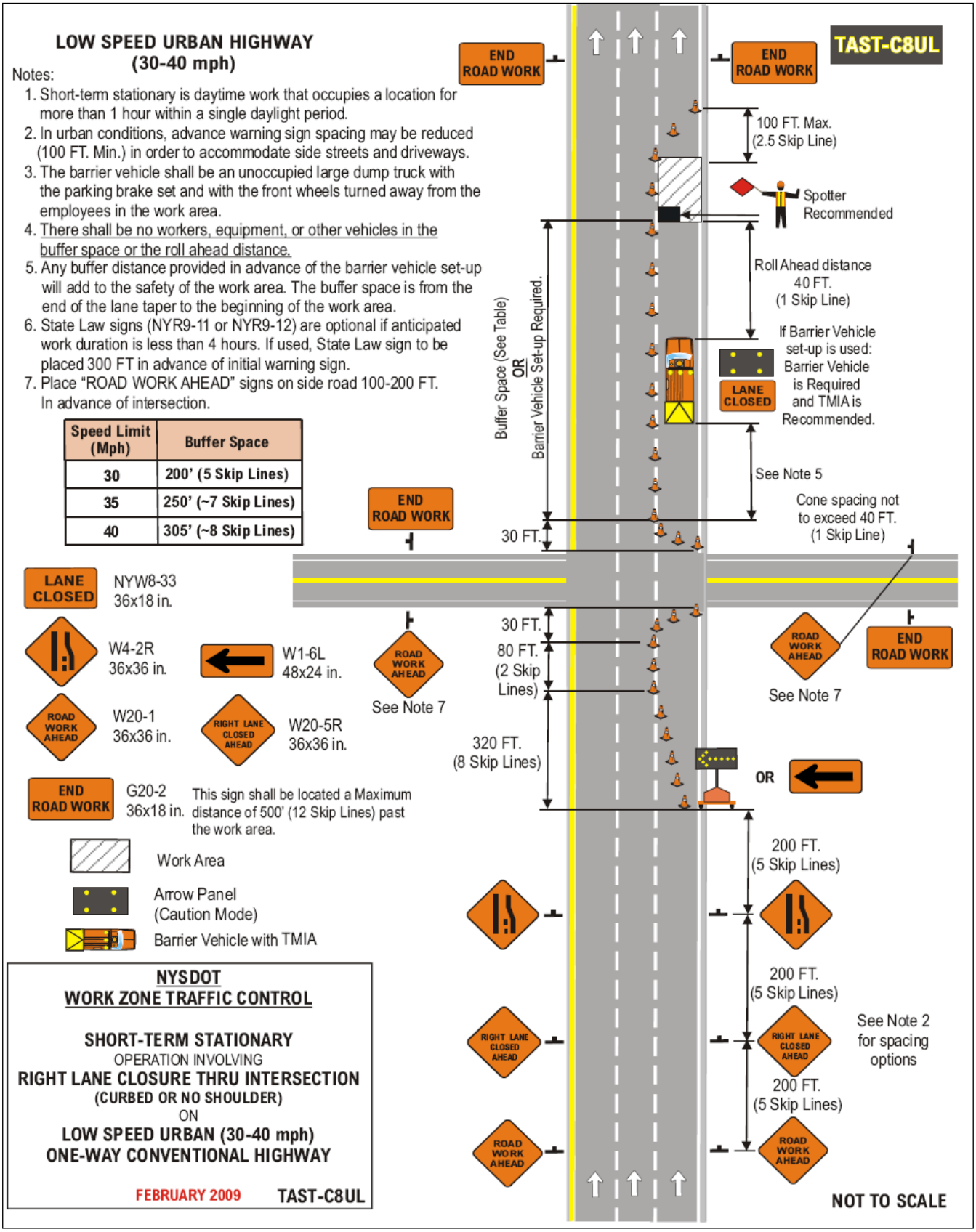
NYSDOT
WORK ZONE TRAFFIC CONTROL

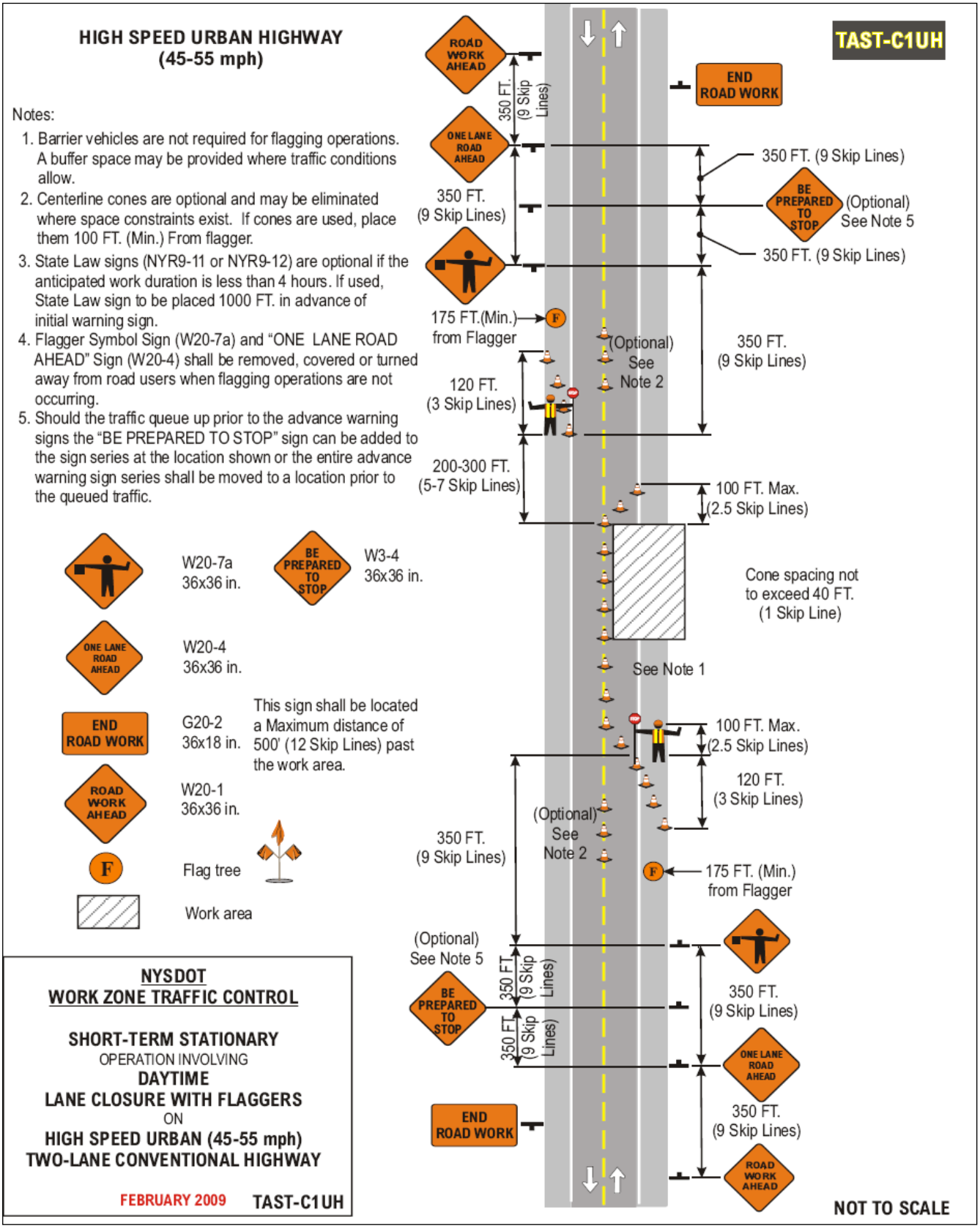
SHORT-TERM STATIONARY
OPERATION INVOLVING
RIGHT LANE CLOSURE
(CURBED OR NO SHOULDER)
ON
LOW SPEED URBAN (30-40 mph)
ONE-WAY CONVENTIONAL HIGHWAY

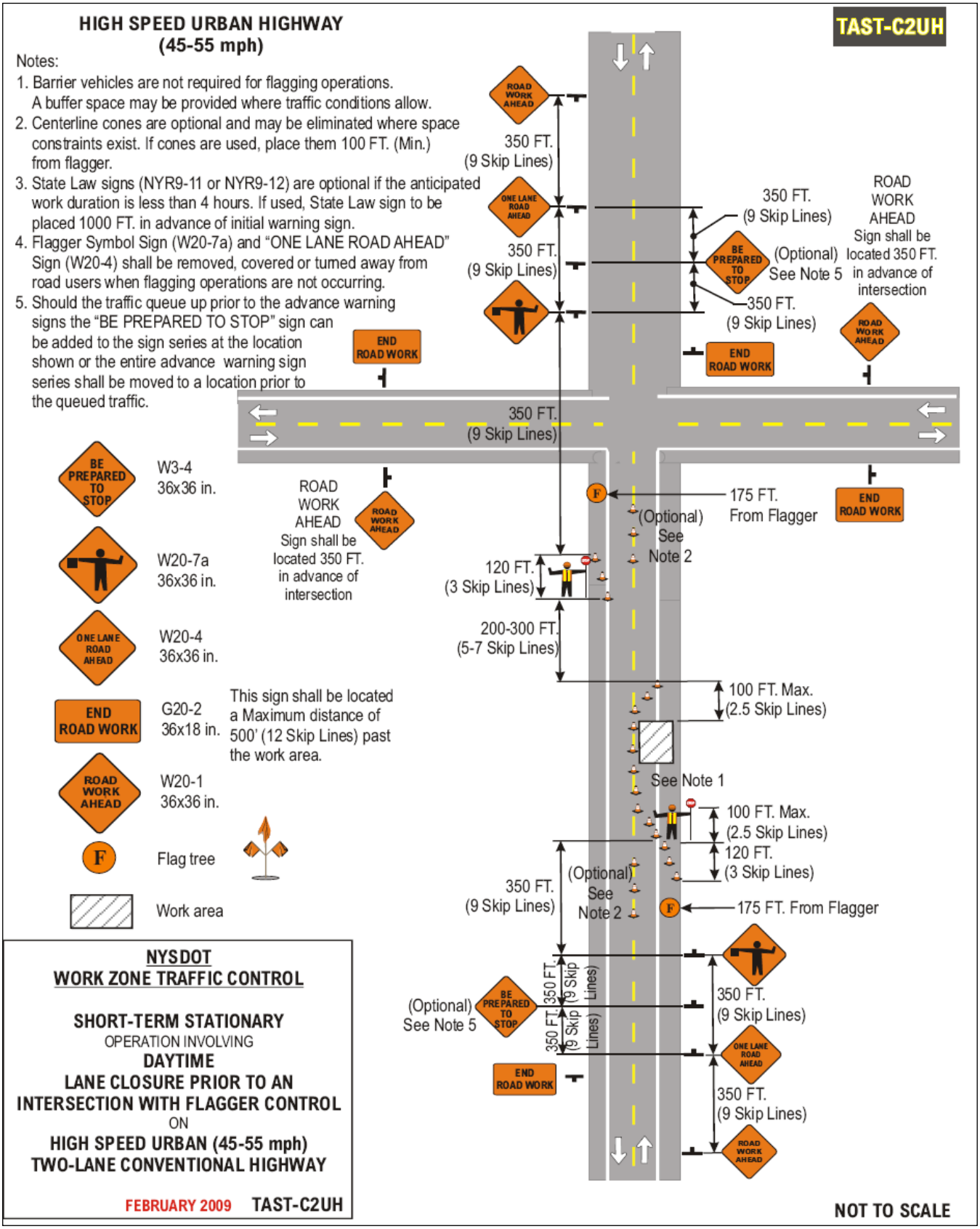
FEBRUARY 2009 TAST-C5UL

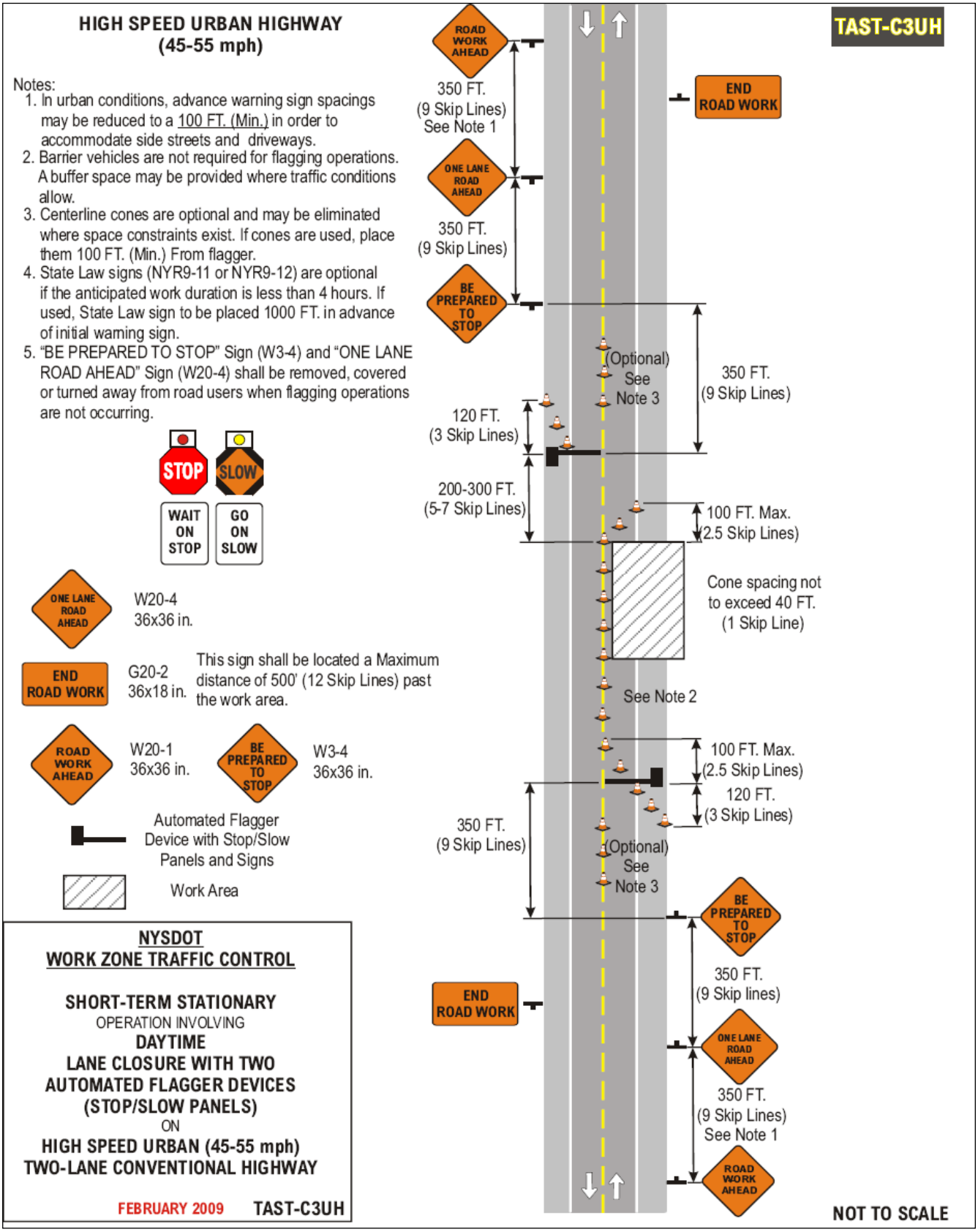

LOW SPEED URBAN HIGHWAY
(30-40 mph)
Notes:
1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. In urban conditions, advance warning sign spacing may be reduced to a 100 FT. (Min.) in order to accommodate side streets and driveways.
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 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
END ROAD WORK
END ROAD WORK
TAST-C6UL
200 FT. Max. (5 Skip Lines)
Spotter Recommended
Cone spacing not to exceed 40 FT. (1 Skip Line)
Roll Ahead Distance 40 FT. (1 Skip Line)
Buffer Space (See Table) OR Barrier Vehicle Set-up Required.
Veh #1
Veh #2
LANE CLOSED
LANE CLOSED
See Note 5
If Barrier Vehicle Set-up is used:
Barrier Vehicle #1 is Required and TMIA Recommended.
Barrier Vehicle #2 Recommended and TMIA is Recommended
320 FT. (8 Skip Lines)
OR
640 FT. (16 Skip Lines)
320 FT. (8 Skip Lines)
320 FT. (8 Skip Lines)
(Optional)
LANE ENDS MERGE LEFT
LANE ENDS MERGE LEFT
(Optional)
320 FT. (8 Skip Lines)
OR
200 FT. (5 Skip Lines)
200 FT. (5 Skip Lines)
RIGHT TWO LANES CLOSED AHEAD
RIGHT TWO LANES CLOSED AHEAD
See Note 2 for spacing option.
200 FT. (5 Skip Lines)
ROAD WORK AHEAD
ROAD WORK AHEAD
NOT TO SCALE


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
TAST-C7UL
ROAD WORK AHEAD
See Note 2
200 FT. (5 Skip Lines)
CENTER LANE CLOSED AHEAD
200 FT. (5 Skip Lines)
END ROAD WORK
Cone spacing not to exceed 40 FT. (1 Skip Line)
(Optional)
160 FT. (4 Skip Lines)
Buffer Space (See Table) See Notes 4, 5 & 6
Barrier Vehicle Required and TMIA Recommended if Buffer Space cannot be obtained.
Roll Ahead Distance 40 FT. (1 Skip Line)
Spotters Recommended
Roll Ahead Distance 40 FT. (1 Skip Lines)
Buffer Space (See Table) See Notes 4, 5 & 6
Barrier Vehicle Required and TMIA Recommended if Buffer Space cannot be obtained.
(Optional)
160 FT. (4 Skip Lines)
200 FT. (5 Skip Lines) See Note 2
CENTER LANE CLOSED AHEAD
200 FT. (5 Skip Lines)
ROAD WORK AHEAD
END ROAD WORK
NOT TO SCALE


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 (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
END ROAD WORK
END ROAD WORK
TAST-C8UL
100 FT. Max. (2.5 Skip Line)
Spotter Recommended
Roll Ahead distance 40 FT. (1 Skip Line)
Buffer Space (See Table) OR Barrier Vehicle Set-up Required.
If Barrier Vehicle set-up is used: Barrier Vehicle is Required and TMIA is Recommended.
LANE CLOSED
See Note 5
Cone spacing not to exceed 40 FT. (1 Skip Line)
30 FT.
END ROAD WORK
30 FT.
80 FT. (2 Skip Lines)
320 FT. (8 Skip Lines)
ROAD WORK AHEAD
See Note 7
ROAD WORK AHEAD
END ROAD WORK
See Note 7
OR
200 FT. (5 Skip Lines)
200 FT. (5 Skip Lines)
200 FT. (5 Skip Lines)
RIGHT LANE CLOSED AHEAD
RIGHT LANE CLOSED AHEAD
See Note 2 for spacing options
ROAD WORK AHEAD
ROAD WORK AHEAD
NOT TO SCALE


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.
ROAD WORK AHEAD
350 FT. (9 Skip Lines)
END ROAD WORK
ONE LANE ROAD AHEAD
350 FT. (9 Skip Lines)
350 FT. (9 Skip Lines)
BE PREPARED TO STOP
(Optional) See Note 5
350 FT. (9 Skip Lines)
175 FT.(Min.) from Flagger
F
(Optional) See Note 2
350 FT. (9 Skip Lines)
120 FT. (3 Skip Lines)
200-300 FT. (5-7 Skip Lines)
100 FT. Max. (2.5 Skip Lines)
Cone spacing not to exceed 40 FT. (1 Skip Line)
See Note 1
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
100 FT. Max. (2.5 Skip Lines)
120 FT. (3 Skip Lines)
(Optional) See Note 2
350 FT. (9 Skip Lines)
175 FT. (Min.) from Flagger
(Optional) See Note 5
350 FT. (9 Skip Lines)
350 FT. (9 Skip Lines)
350 FT. (9 Skip Lines)
350 FT. (9 Skip Lines)
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


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
END ROAD WORK
350 FT. (9 Skip Lines)
END ROAD WORK
ROAD WORK AHEAD
END ROAD WORK
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
F
175 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)
350 FT. (9 Skip Lines)
(Optional) See Note 2
F
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


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.
STOP
SLOW
WAIT ON STOP
GO ON SLOW
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.
BE PREPARED TO STOP
W3-4
36x36 in.
Automated Flagger Device with Stop/Slow Panels and Signs
Work Area
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
ROAD WORK AHEAD
350 FT.
(9 Skip Lines)
See Note 1
ONE LANE ROAD AHEAD
350 FT.
(9 Skip Lines)
BE PREPARED TO STOP
END ROAD WORK
(Optional) See Note 3
350 FT.
(9 Skip Lines)
120 FT.
(3 Skip Lines)
200-300 FT.
(5-7 Skip Lines)
100 FT. Max.
(2.5 Skip Lines)
Cone spacing not to exceed 40 FT.
(1 Skip Line)
See Note 2
100 FT. Max.
(2.5 Skip Lines)
120 FT.
(3 Skip Lines)
350 FT.
(9 Skip Lines)
(Optional) See Note 3
BE PREPARED TO STOP
350 FT.
(9 Skip lines)
END ROAD WORK
ONE LANE ROAD AHEAD
350 FT.
(9 Skip Lines)
See Note 1
ROAD WORK AHEAD
NOT TO SCALE

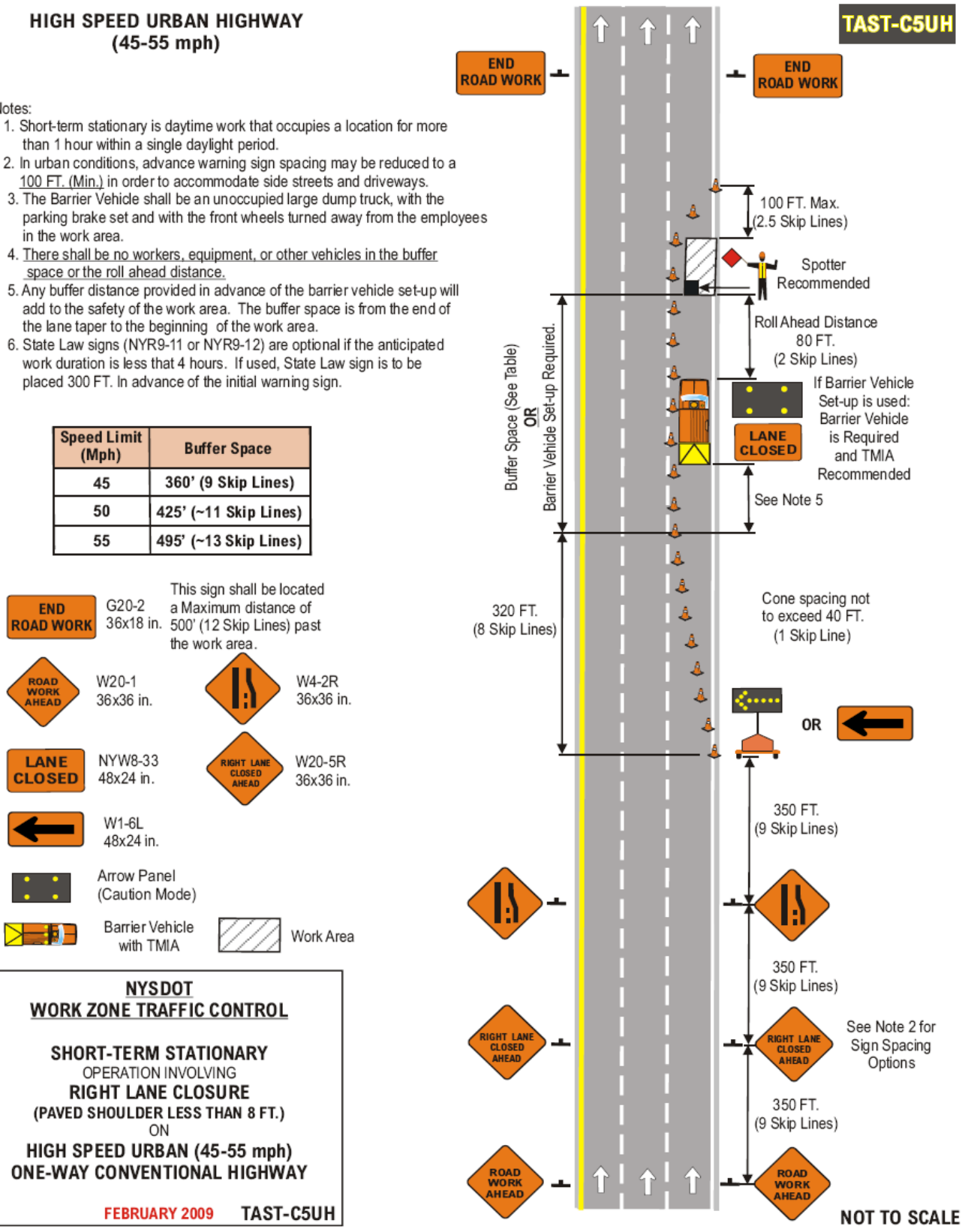
HIGH SPEED URBAN HIGHWAY (45-55 mph)

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.
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)

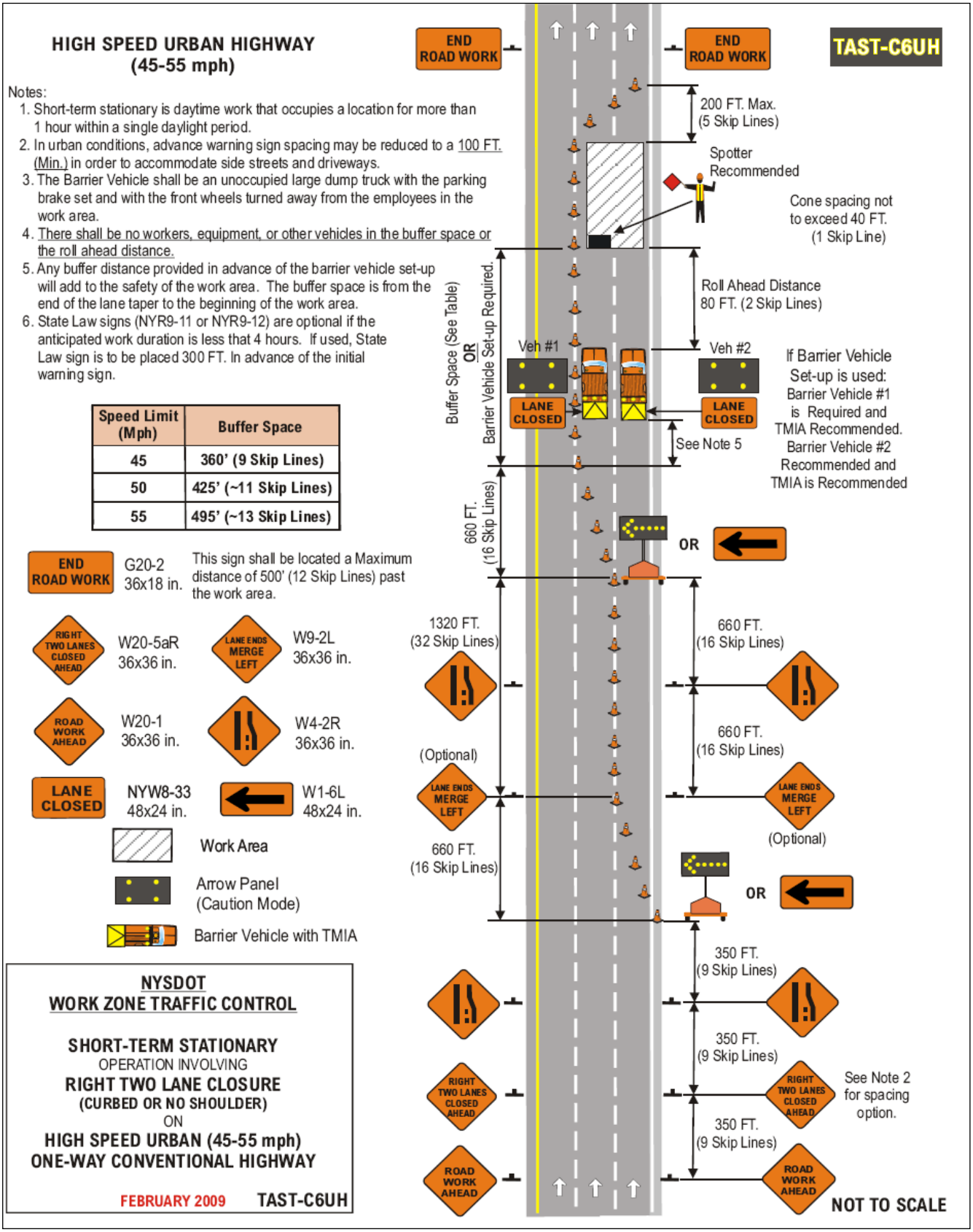
Barrier Vehicle with TMIA

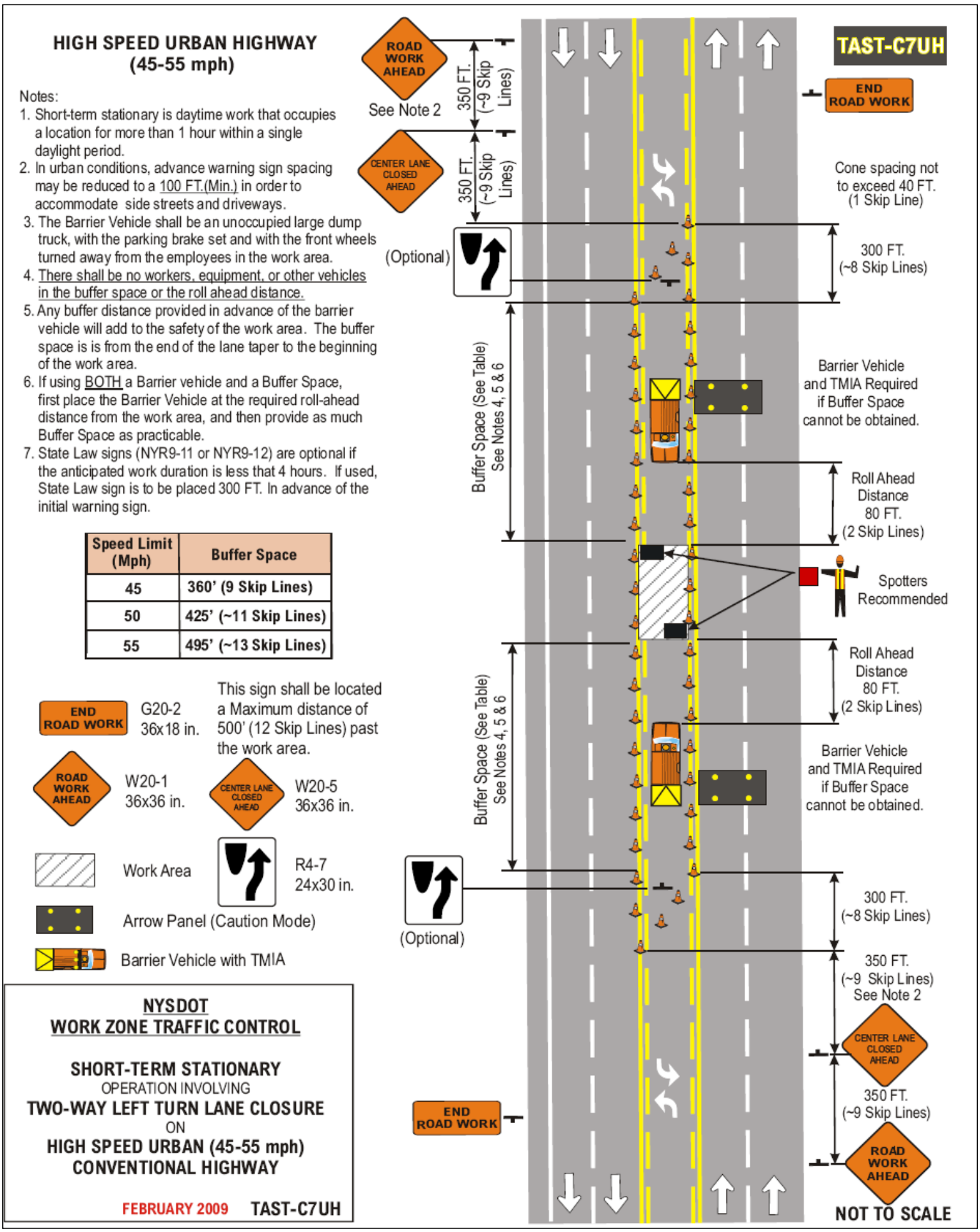
Work Area

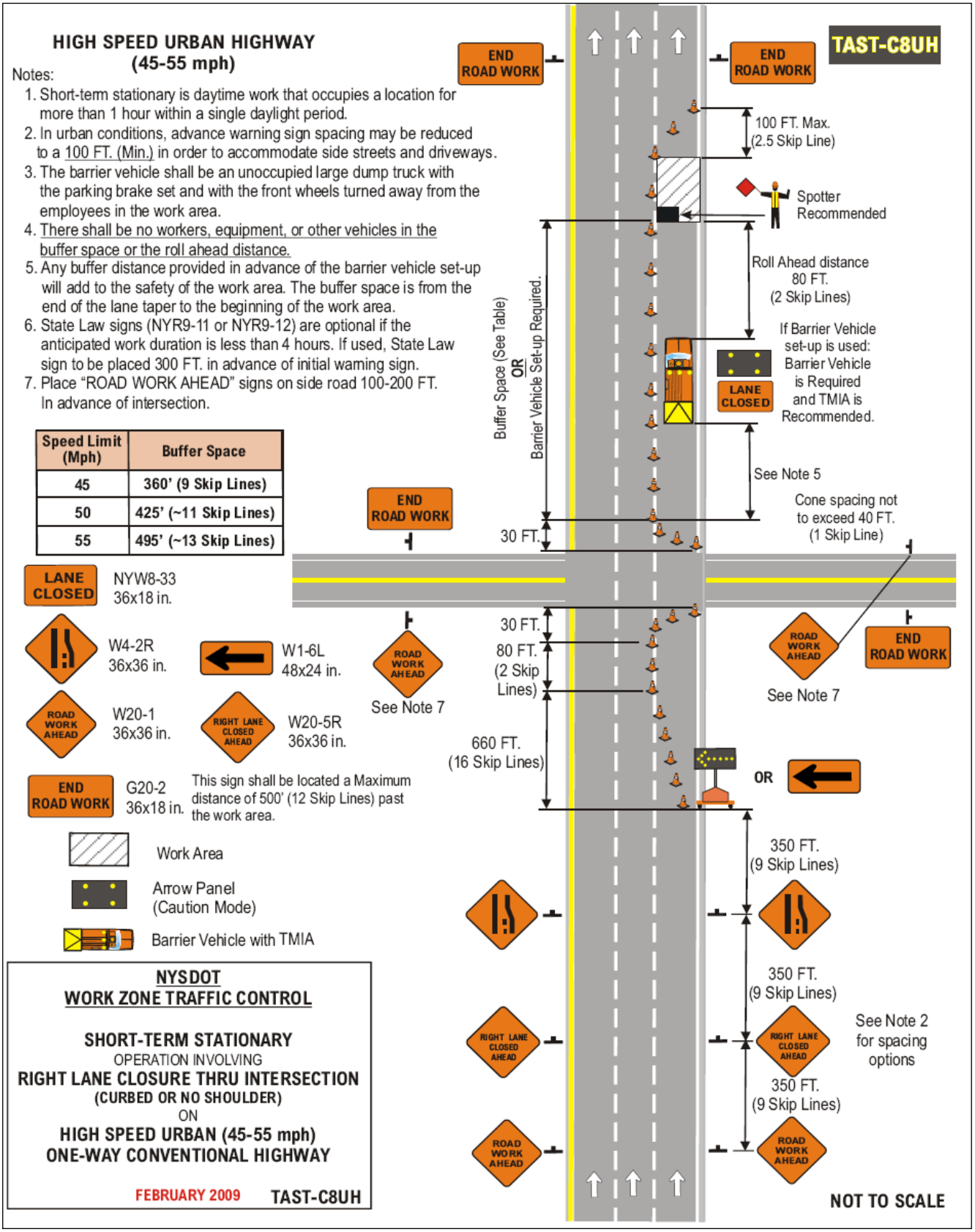
NYSDOT
WORK ZONE TRAFFIC CONTROL

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


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.
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
END ROAD WORK
END ROAD WORK
TAST-C6UH
200 FT. Max. (5 Skip Lines)
Spotter Recommended
Cone spacing not to exceed 40 FT. (1 Skip Line)
Roll Ahead Distance 80 FT. (2 Skip Lines)
Buffer Space (See Table) OR Barrier Vehicle Set-up Required.
Veh #1
Veh #2
LANE CLOSED
LANE CLOSED
See Note 5
If Barrier Vehicle Set-up is used: Barrier Vehicle #1 is Required and TMIA Recommended. Barrier Vehicle #2 Recommended and TMIA is Recommended
660 FT. (16 Skip Lines)
OR
1320 FT. (32 Skip Lines)
660 FT. (16 Skip Lines)
660 FT. (16 Skip Lines)
(Optional)
LANE ENDS MERGE LEFT
LANE ENDS MERGE LEFT
(Optional)
660 FT. (16 Skip Lines)
OR
350 FT. (9 Skip Lines)
350 FT. (9 Skip Lines)
RIGHT TWO LANES CLOSED AHEAD
RIGHT TWO LANES CLOSED AHEAD
See Note 2 for spacing option.
350 FT. (9 Skip Lines)
ROAD WORK AHEAD
ROAD WORK AHEAD
NOT TO SCALE

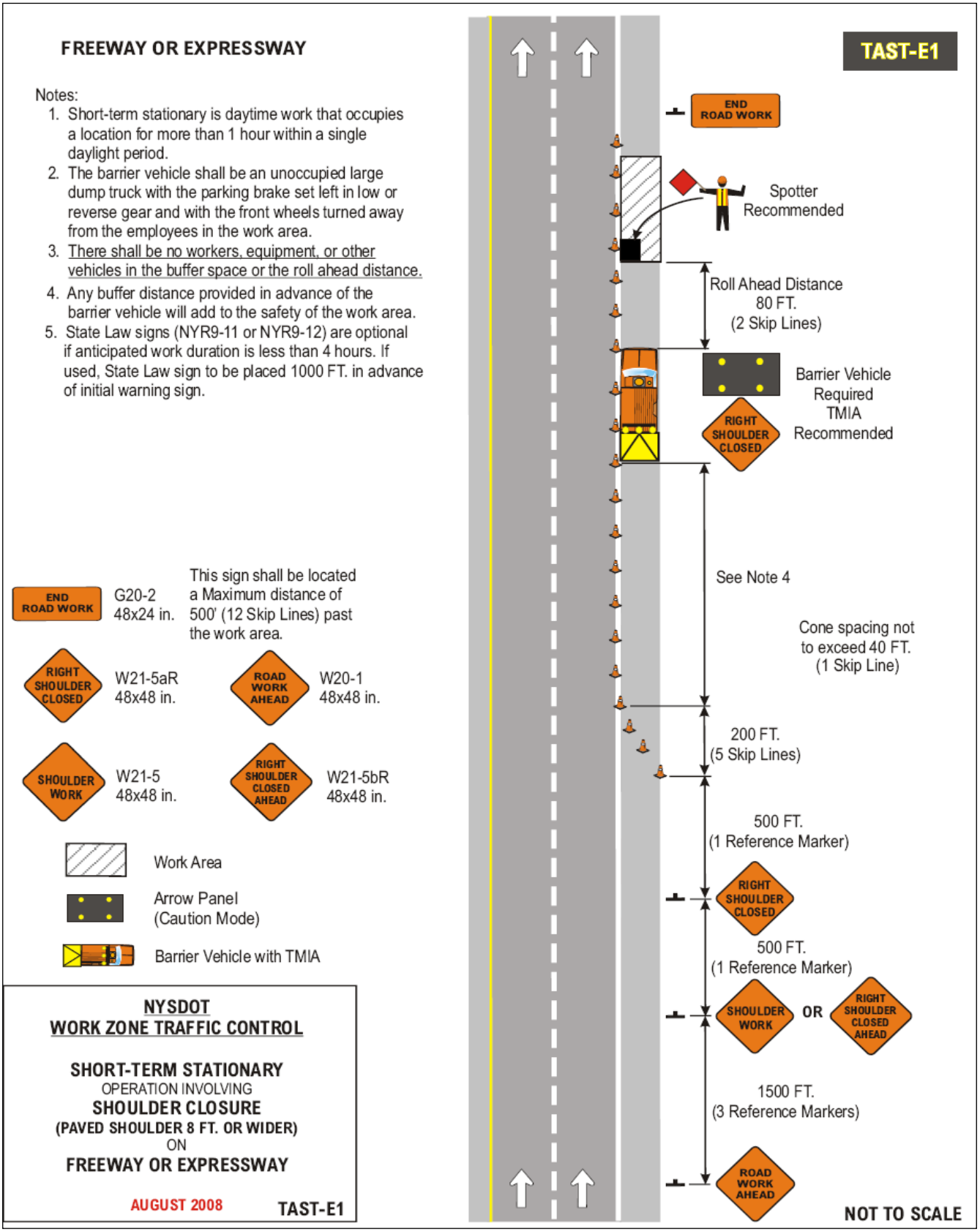

HIGH SPEED URBAN HIGHWAY
(45-55 mph)
Notes:
1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. In urban conditions, advance warning sign spacing may be reduced to a 100 FT.(Min.) in order to accommodate side streets and driveways.
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
TAST-C7UH
ROAD WORK AHEAD
See Note 2
350 FT. (~9 Skip Lines)
CENTER LANE CLOSED AHEAD
350 FT. (~9 Skip Lines)
END ROAD WORK
Cone spacing not to exceed 40 FT. (1 Skip Line)
(Optional)
300 FT. (~8 Skip Lines)
Buffer Space (See Table) See Notes 4, 5 & 6
Barrier Vehicle and TMIA Required if Buffer Space cannot be obtained.
Roll Ahead Distance 80 FT. (2 Skip Lines)
Spotters Recommended
Roll Ahead Distance 80 FT. (2 Skip Lines)
Buffer Space (See Table) See Notes 4, 5 & 6
Barrier Vehicle and TMIA Required if Buffer Space cannot be obtained.
(Optional)
300 FT. (~8 Skip Lines)
350 FT. (~9 Skip Lines) See Note 2
CENTER LANE CLOSED AHEAD
350 FT. (~9 Skip Lines)
ROAD WORK AHEAD
END ROAD WORK
NOT TO SCALE


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
END ROAD WORK
END ROAD WORK
100 FT. Max. (2.5 Skip Line)
Spotter Recommended
Roll Ahead distance 80 FT. (2 Skip Lines)
If Barrier Vehicle set-up is used: Barrier Vehicle is Required and TMIA is Recommended.
LANE CLOSED
Buffer Space (See Table) OR Barrier Vehicle Set-up Required.
See Note 5
Cone spacing not to exceed 40 FT. (1 Skip Line)
30 FT.
END ROAD WORK
ROAD WORK AHEAD
See Note 7
30 FT.
80 FT. (2 Skip Lines)
660 FT. (16 Skip Lines)
ROAD WORK AHEAD
See Note 7
END ROAD WORK
OR
350 FT. (9 Skip Lines)
350 FT. (9 Skip Lines)
RIGHT LANE CLOSED AHEAD
See Note 2 for spacing options
350 FT. (9 Skip Lines)
ROAD WORK AHEAD
ROAD WORK AHEAD
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 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.



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

RIGHT SHOULDER CLOSED W21-5aR 48x48 in.

ROAD WORK AHEAD W20-1 48x48 in.

SHOULDER WORK W21-5 48x48 in.

RIGHT SHOULDER CLOSED AHEAD 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

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

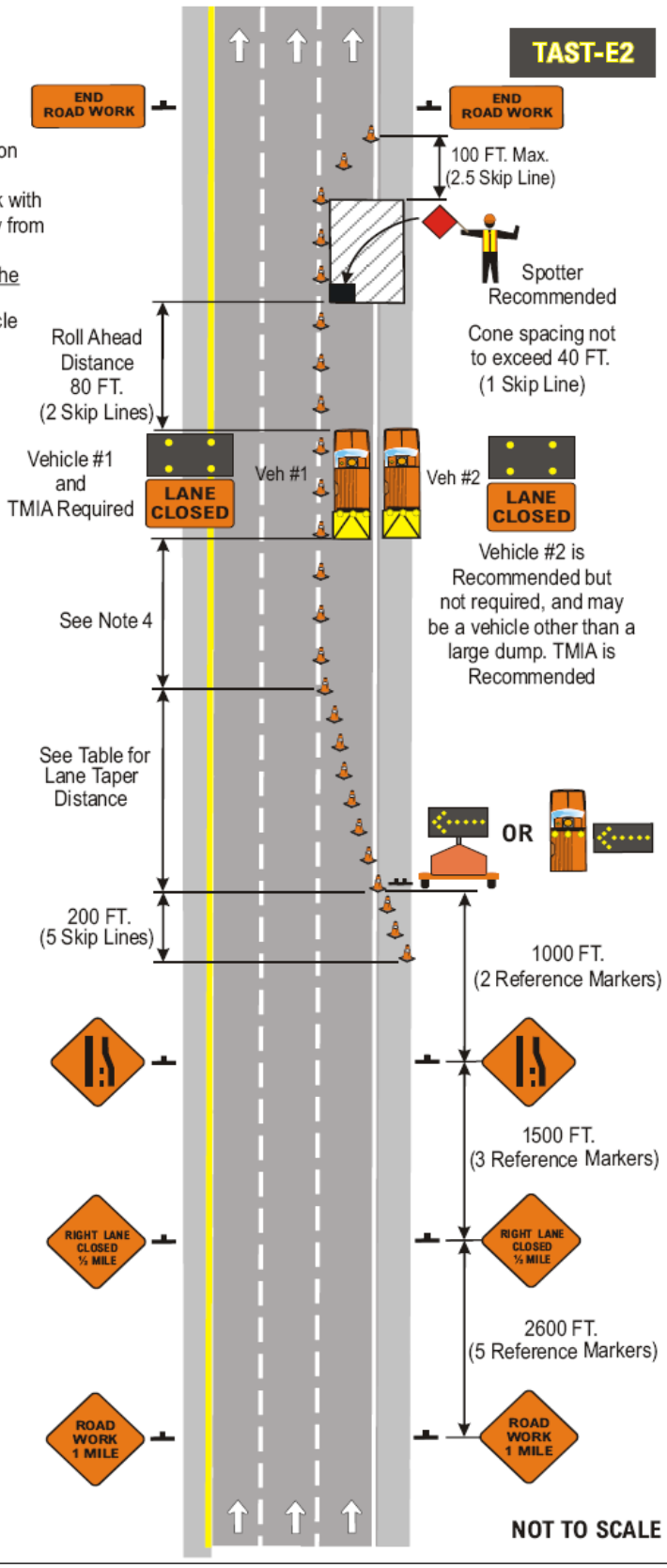
Arrow Panel (Caution Mode)

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



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

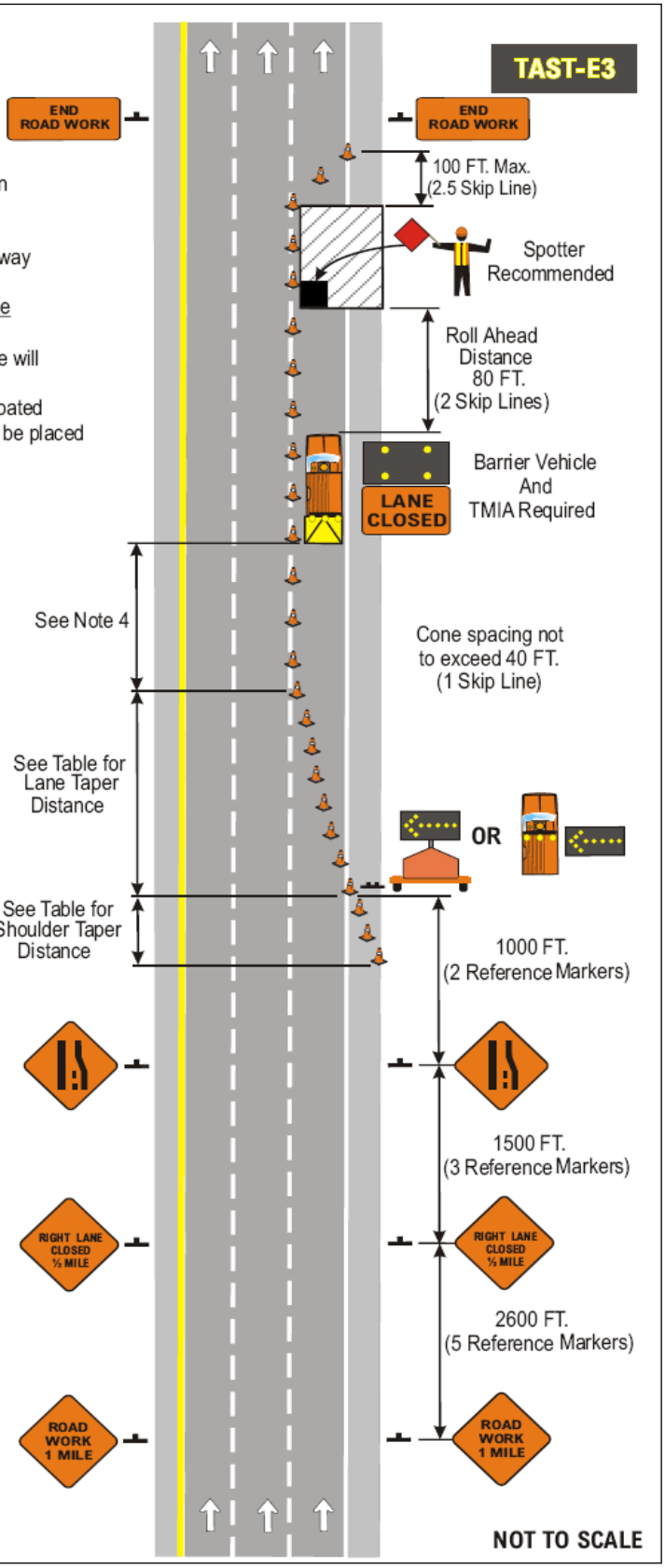
Arrow Panel (Caution Mode)

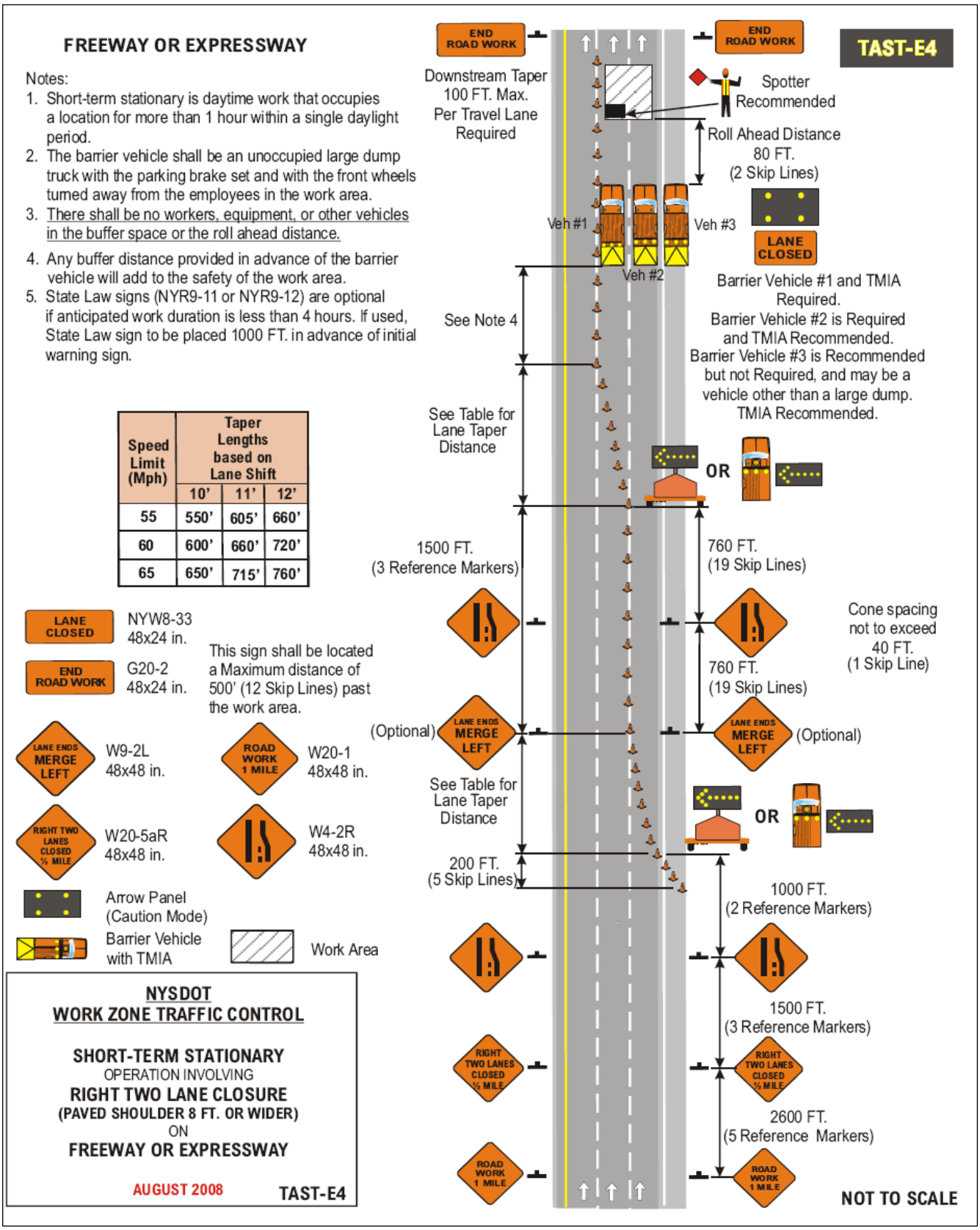
Barrier Vehicle with TMIA

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



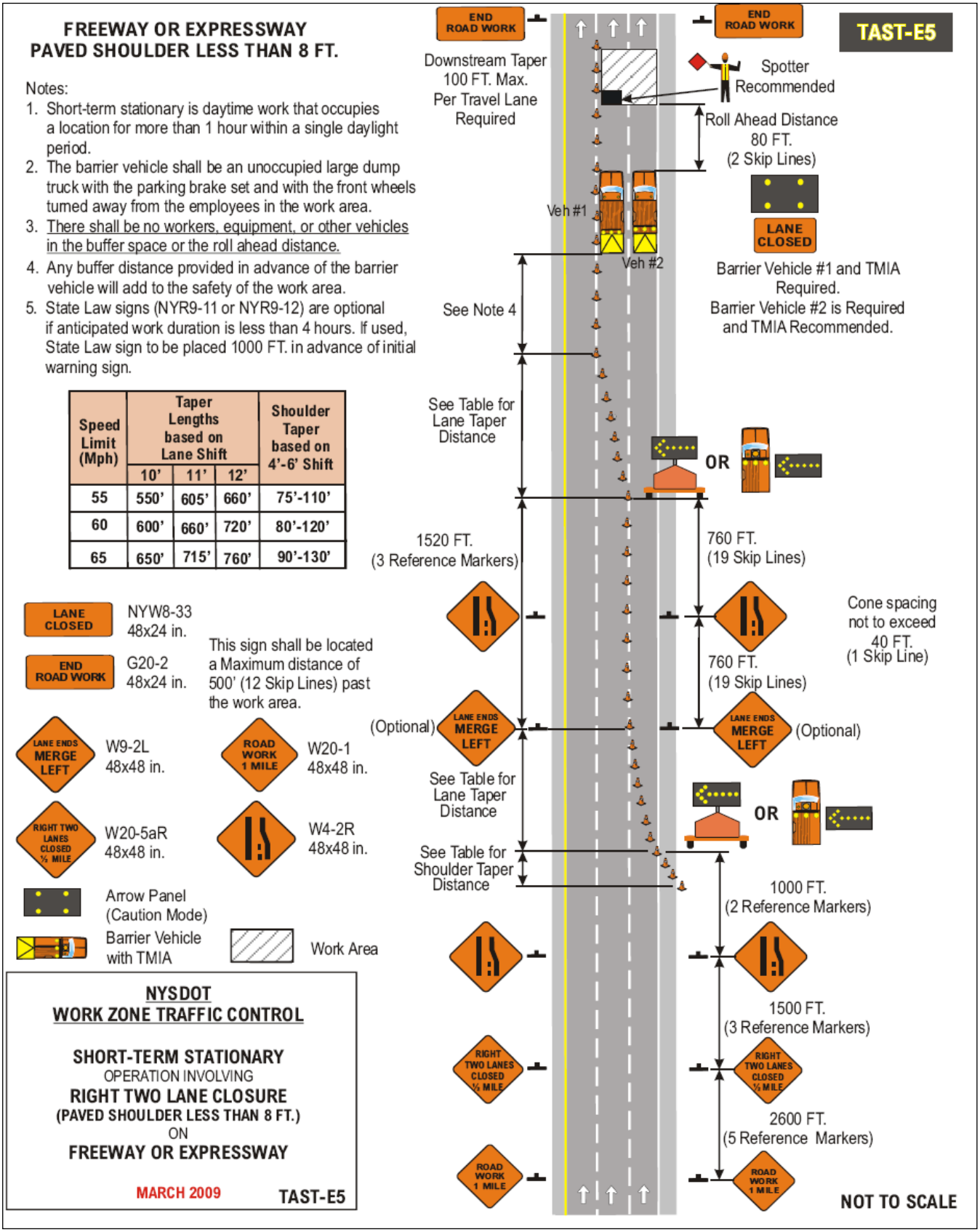

FREEWAY OR EXPRESSWAY
Notes:
1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. The barrier vehicle shall be an unoccupied large dump truck with the parking brake set and with the front wheels turned away from the employees in the 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
END ROAD WORK
END ROAD WORK
TAST-E4
Downstream Taper 100 FT. Max. Per Travel Lane Required
Spotter Recommended
Roll Ahead Distance 80 FT. (2 Skip Lines)
Veh #1
Veh #2
Veh #3
LANE CLOSED
Barrier Vehicle #1 and TMIA Required.
Barrier Vehicle #2 is Required and TMIA Recommended.
Barrier Vehicle #3 is Recommended but not Required, and may be a vehicle other than a large dump. TMIA Recommended.
See Note 4
See Table for Lane Taper Distance
OR
1500 FT. (3 Reference Markers)
760 FT. (19 Skip Lines)
Cone spacing not to exceed 40 FT. (1 Skip Line)
760 FT. (19 Skip Lines)
(Optional)
LANE ENDS MERGE LEFT
(Optional)
See Table for Lane Taper Distance
OR
200 FT. (5 Skip Lines)
1000 FT. (2 Reference Markers)
1500 FT. (3 Reference Markers)
RIGHT TWO LANES CLOSED ½ MILE
2600 FT. (5 Reference Markers)
ROAD WORK 1 MILE
NOT TO SCALE

FREEWAY OR EXPRESSWAY
PAVED SHOULDER LESS THAN 8 FT.

TAST-E5

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'



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 LESS THAN 8 FT.)
ON
FREEWAY OR EXPRESSWAY

MARCH 2009 TAST-E5

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 ½ MILE W20-5L 48x48 in.

W4-2L 48x48 in.

Work Area

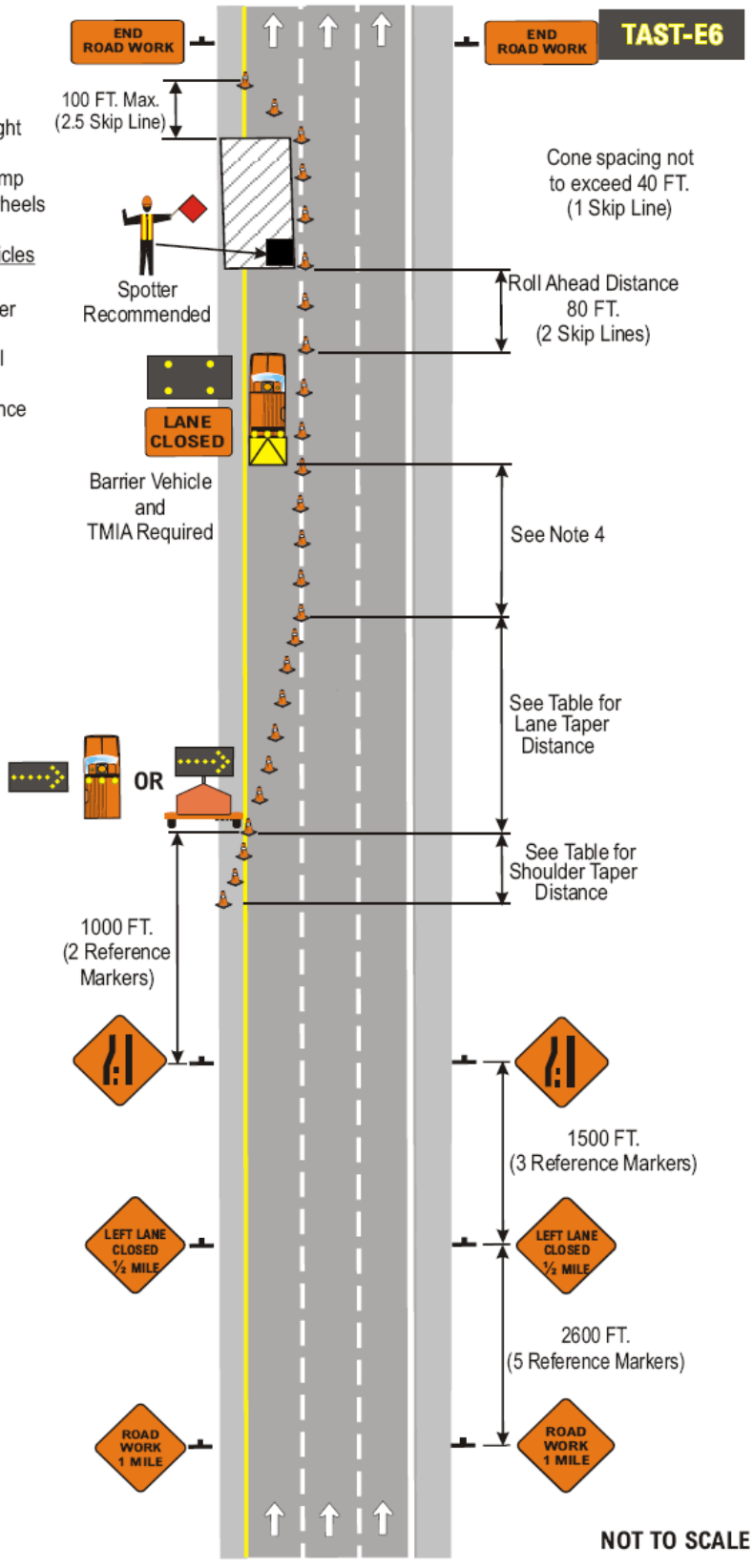
Arrow Panel (Caution Mode)

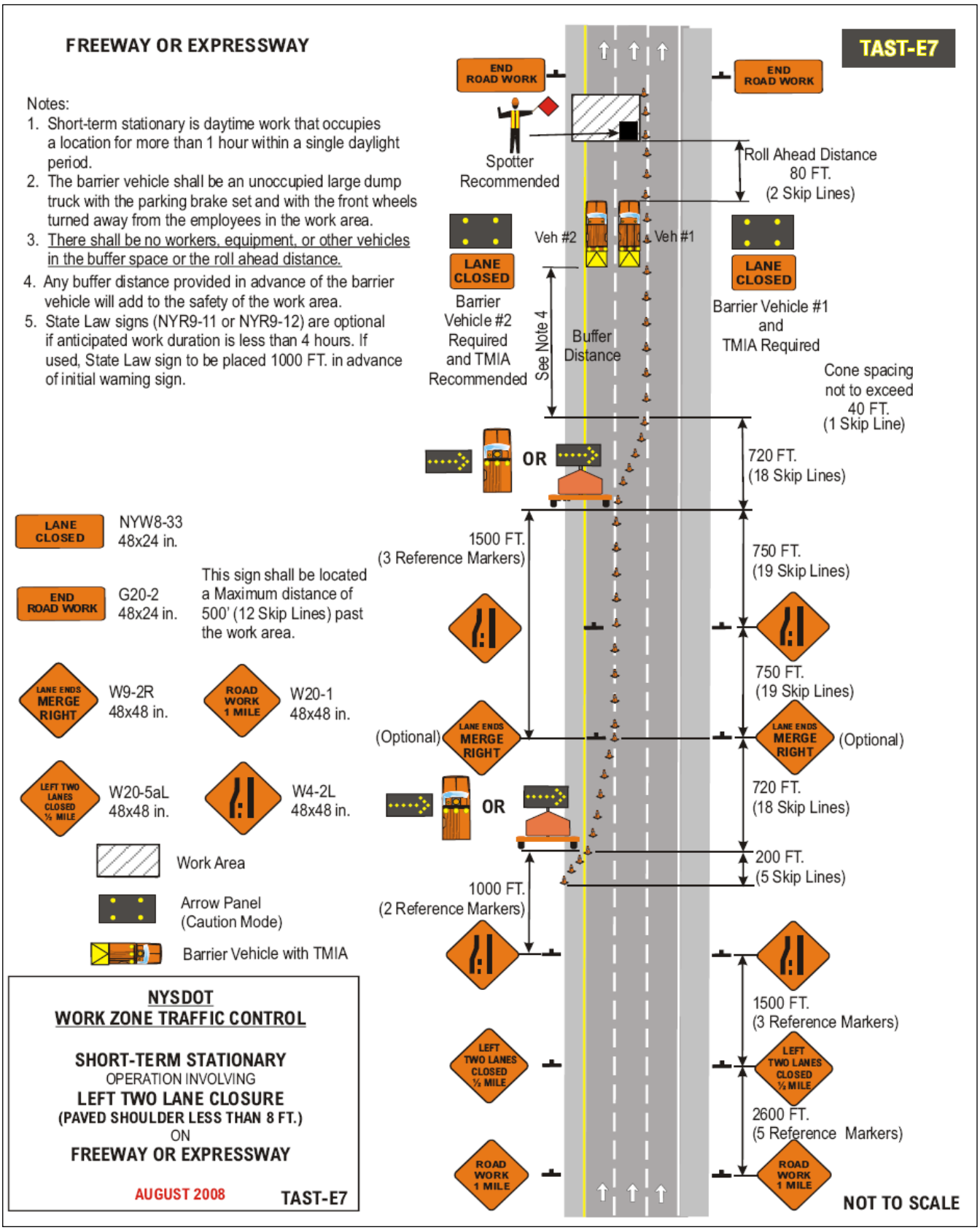
Barrier Vehicle with TMIA

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




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
Spotter Recommended
Roll Ahead Distance 80 FT. (2 Skip Lines)
Veh #2
Veh #1
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)
(Optional)
LANE ENDS MERGE RIGHT
750 FT. (19 Skip Lines)
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
2600 FT. (5 Reference Markers)
ROAD WORK 1 MILE
NOT TO SCALE
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.
W9-2R 48x48 in.
W20-1 48x48 in.
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