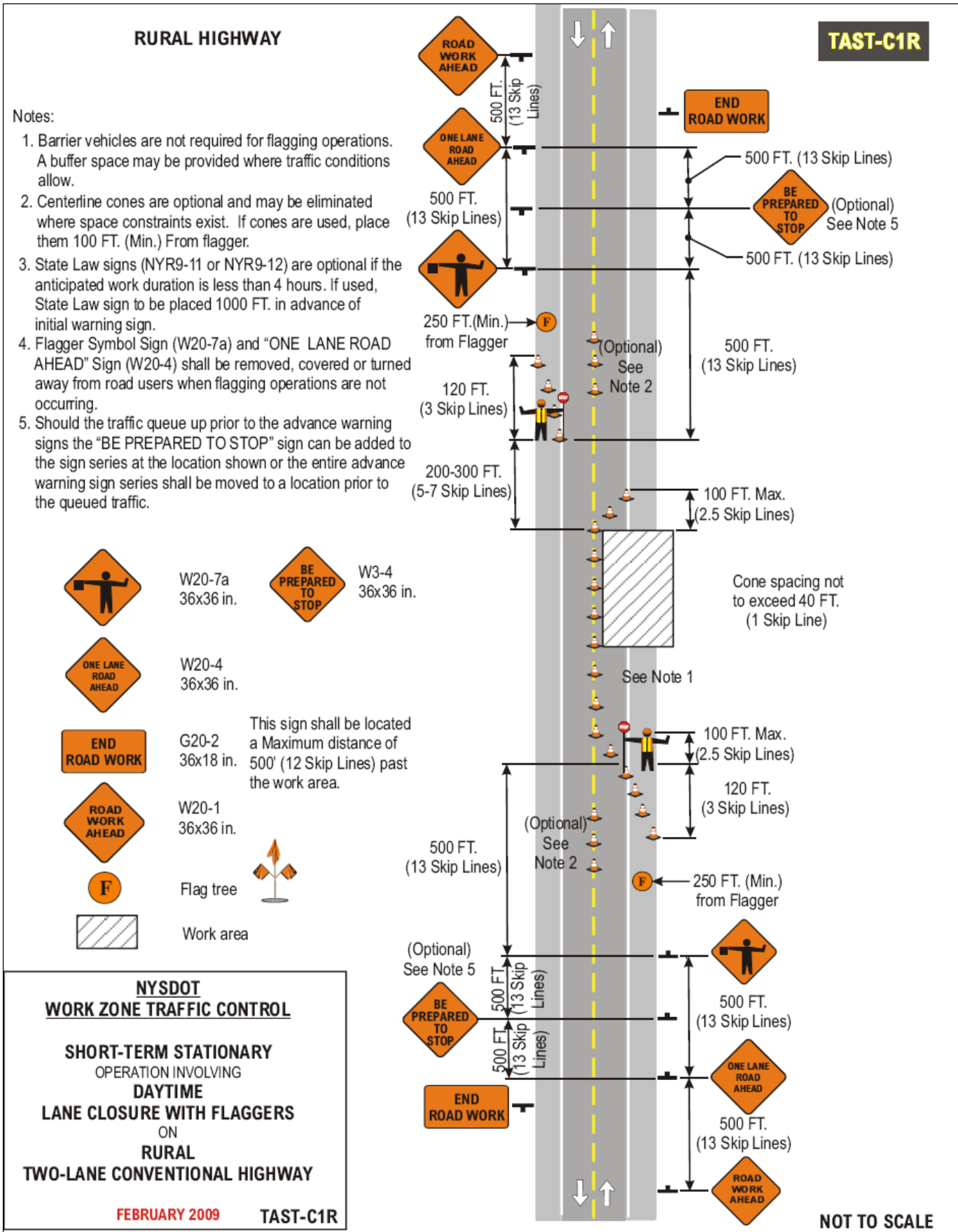


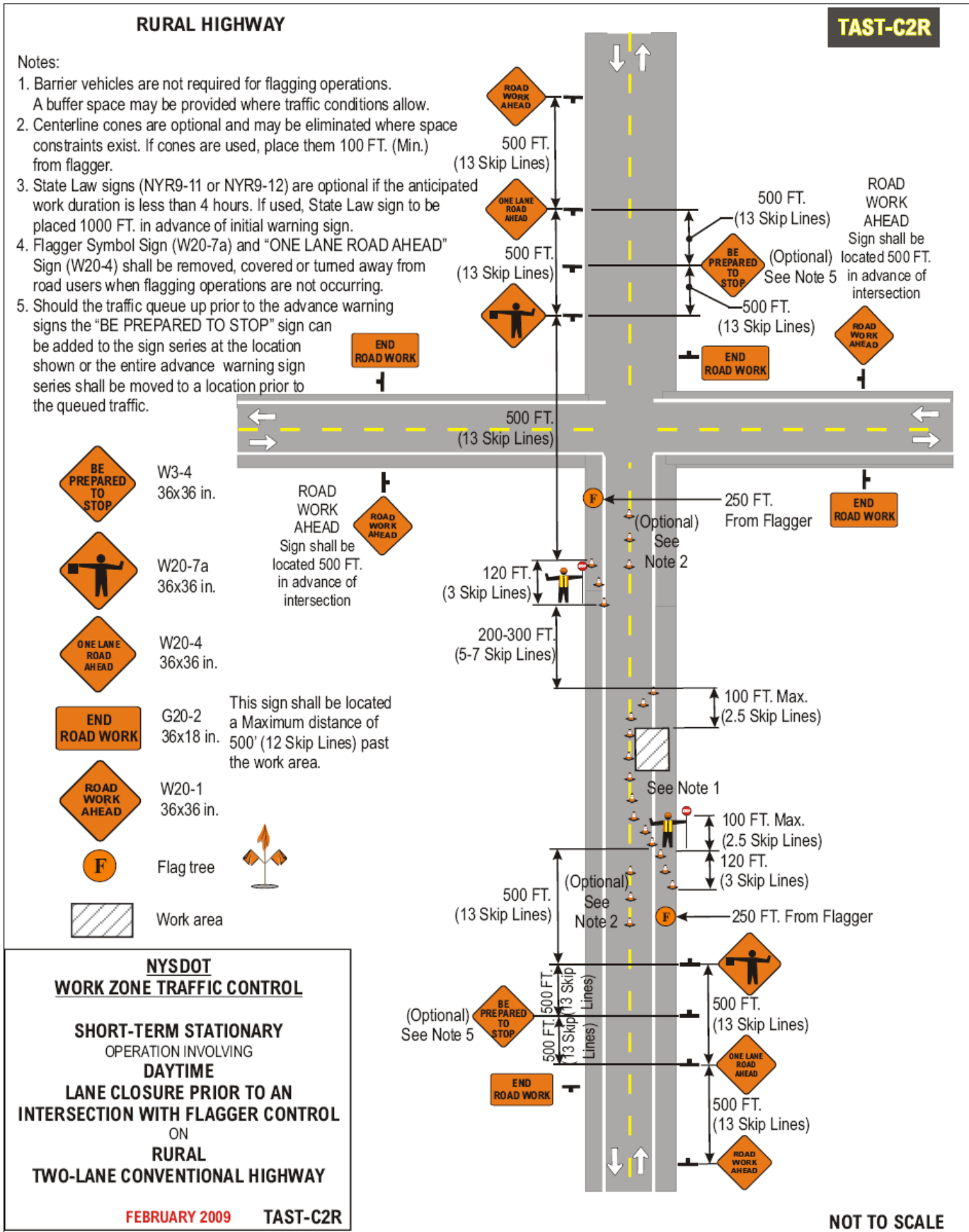
Attachment 13

NYSDOT Work Zone Traffic Control Drawings

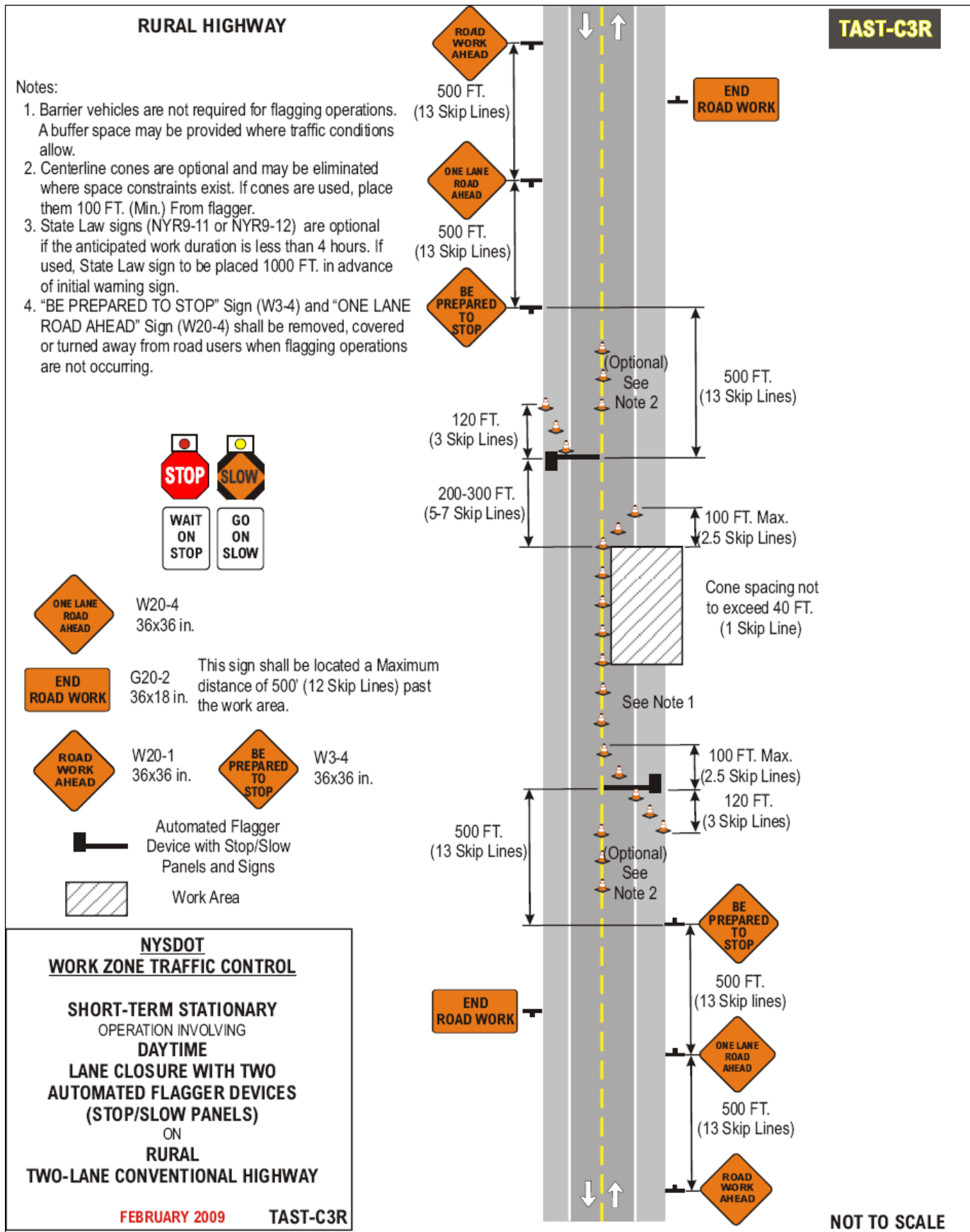
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



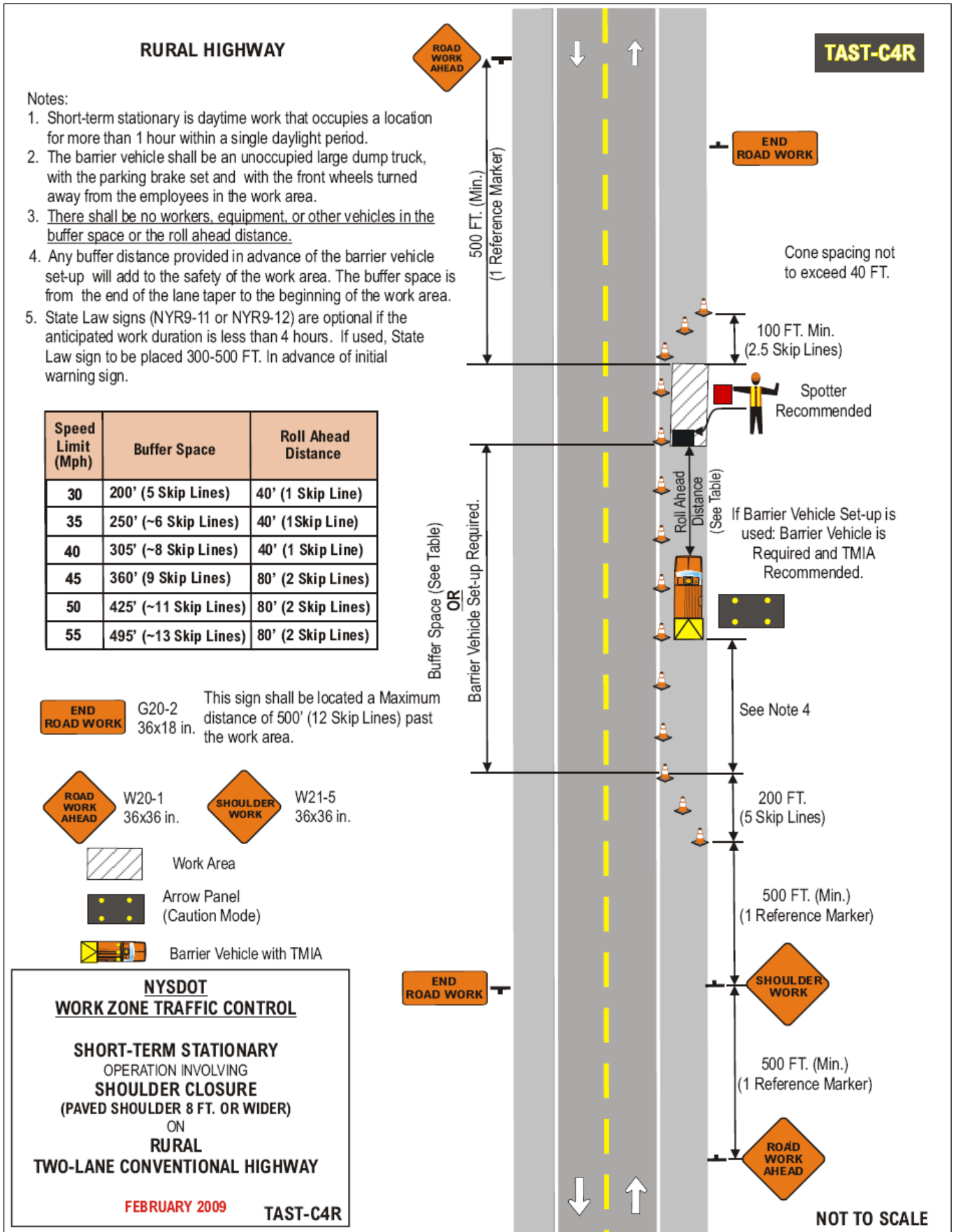
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



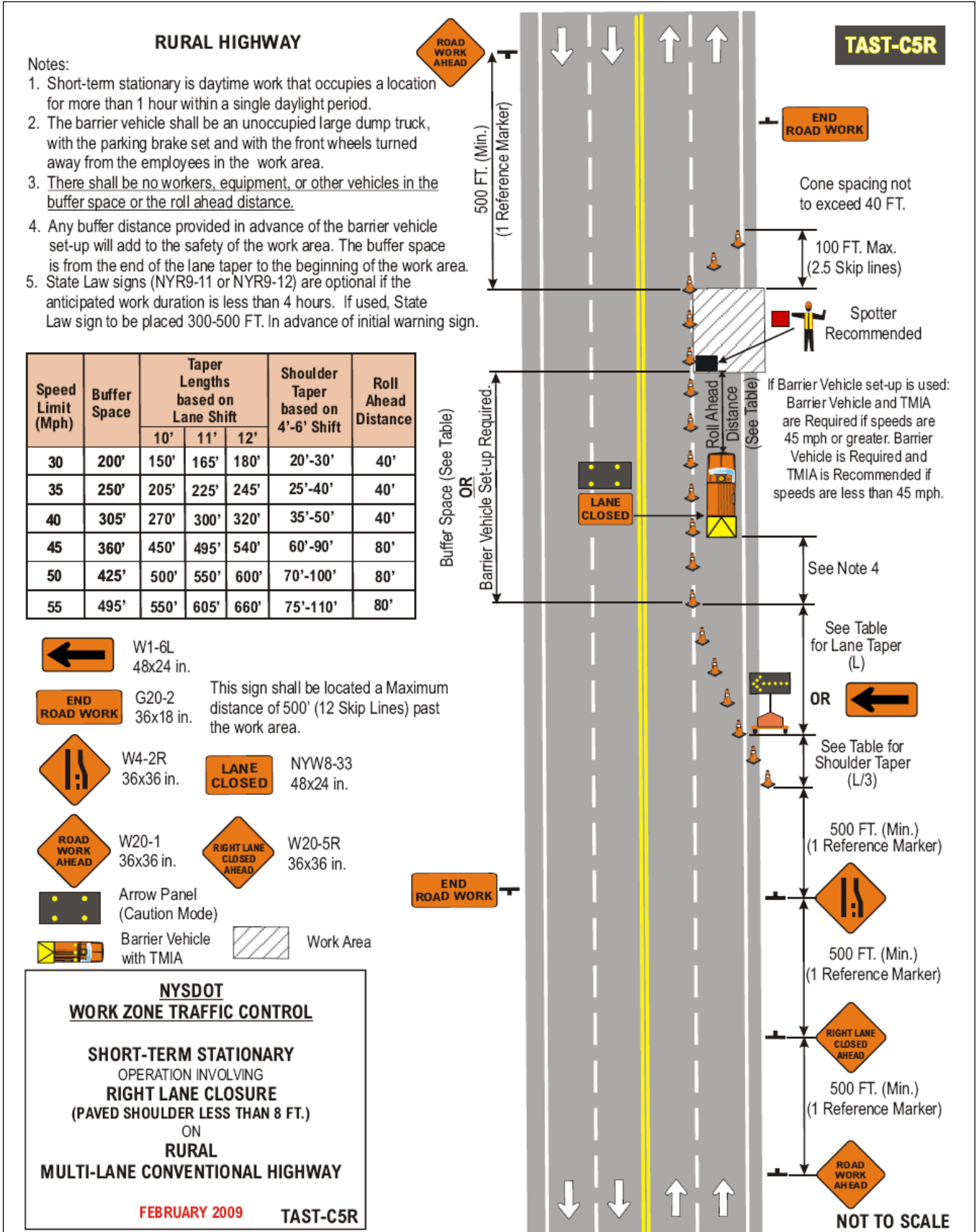
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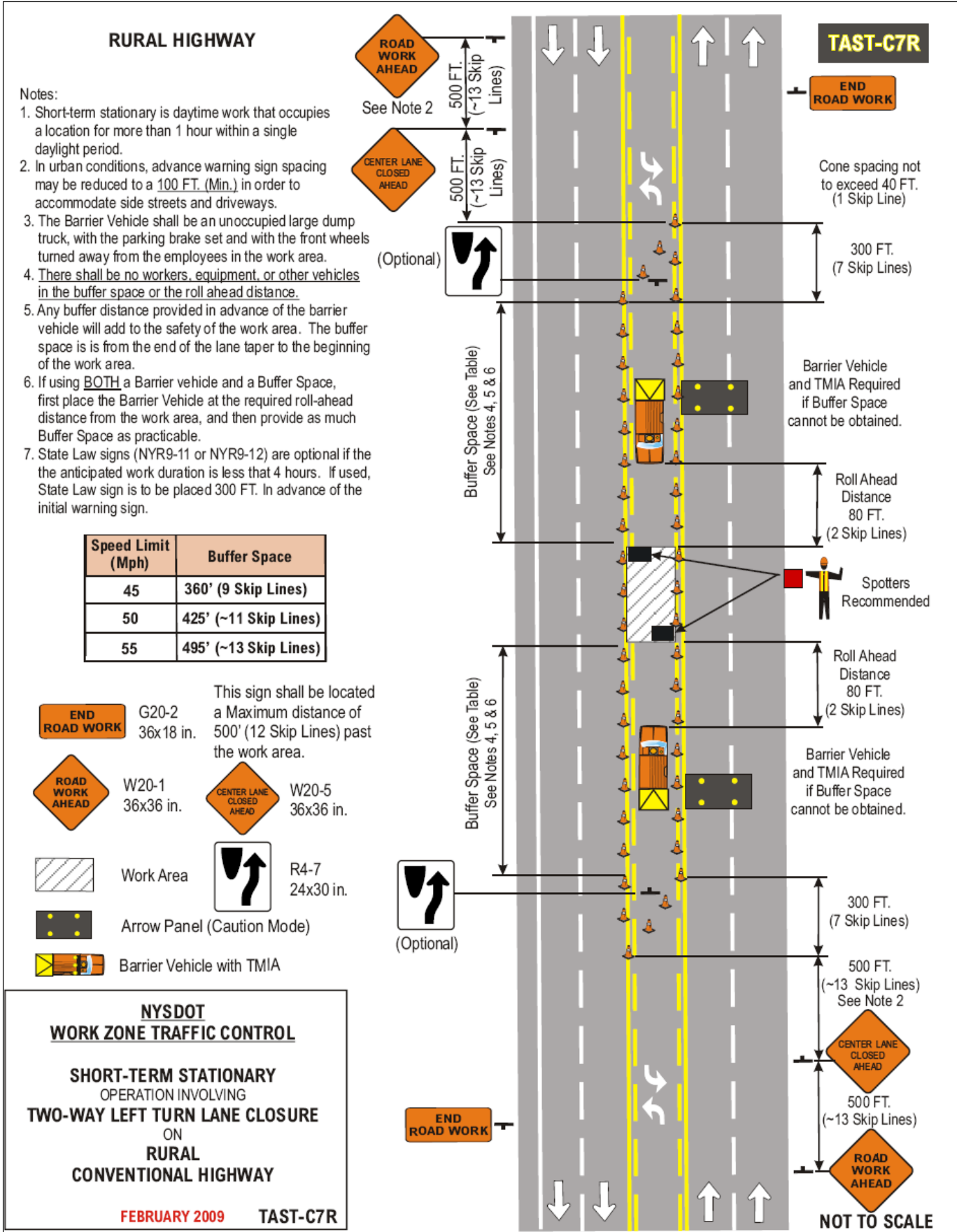
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



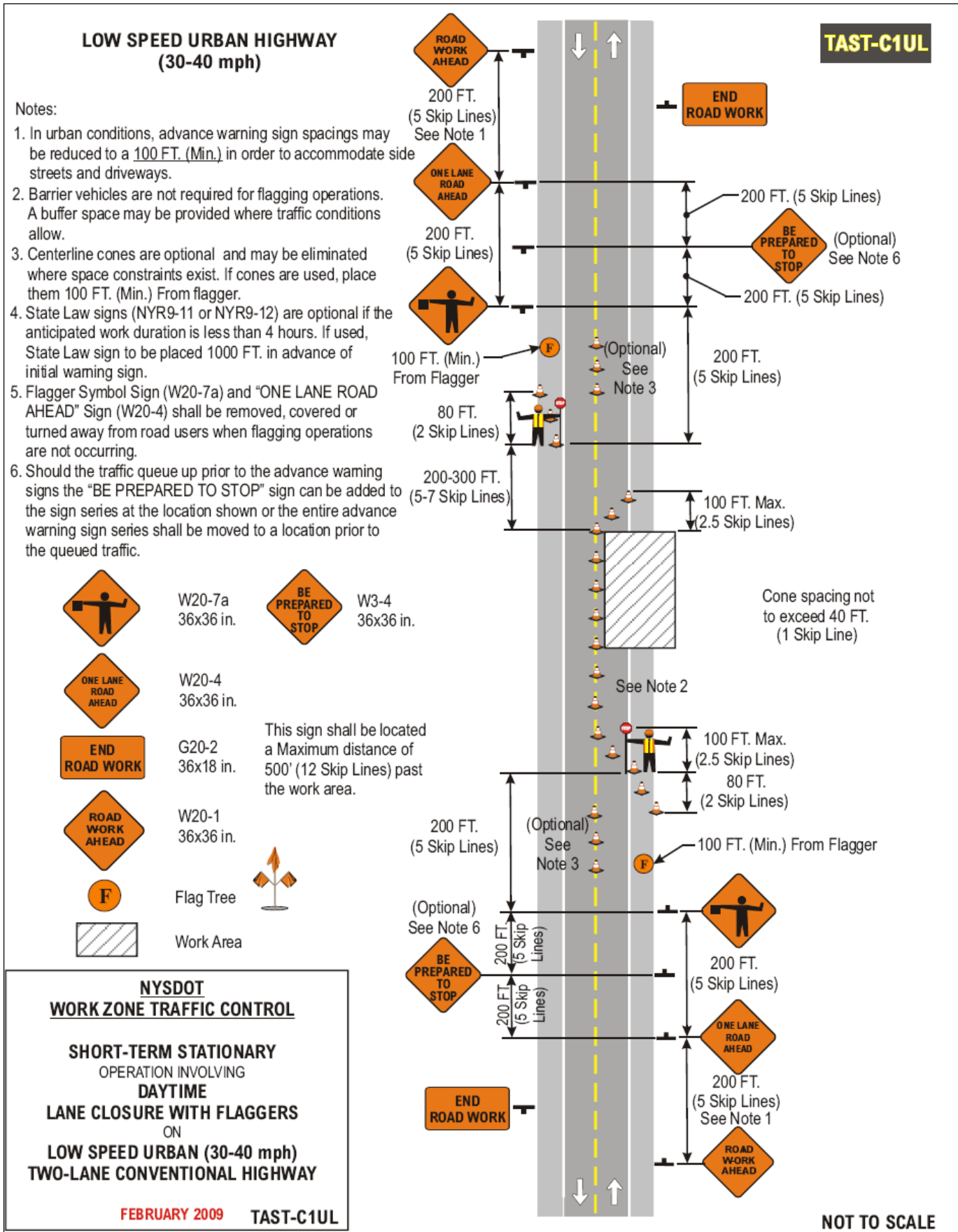
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(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)

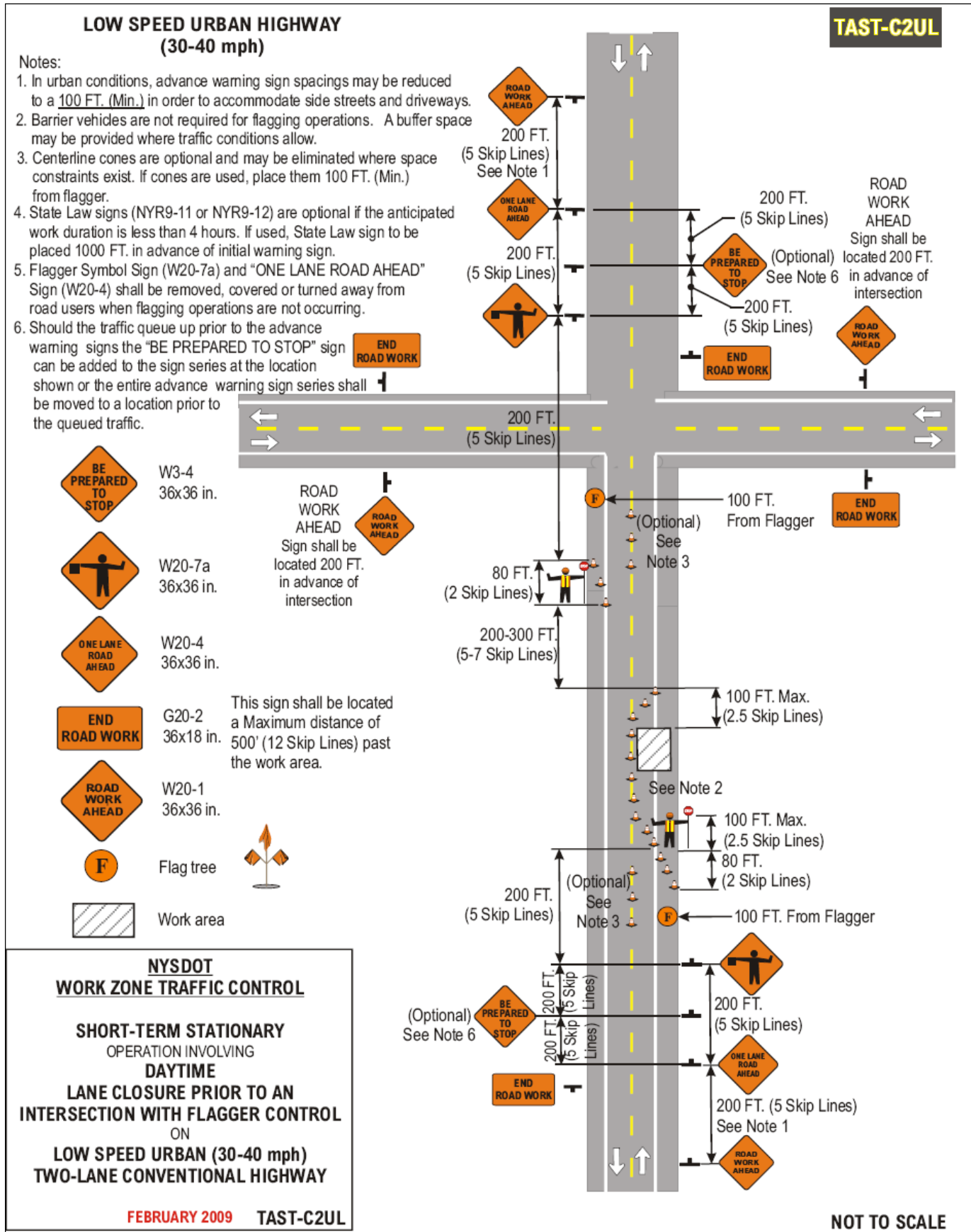


(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)

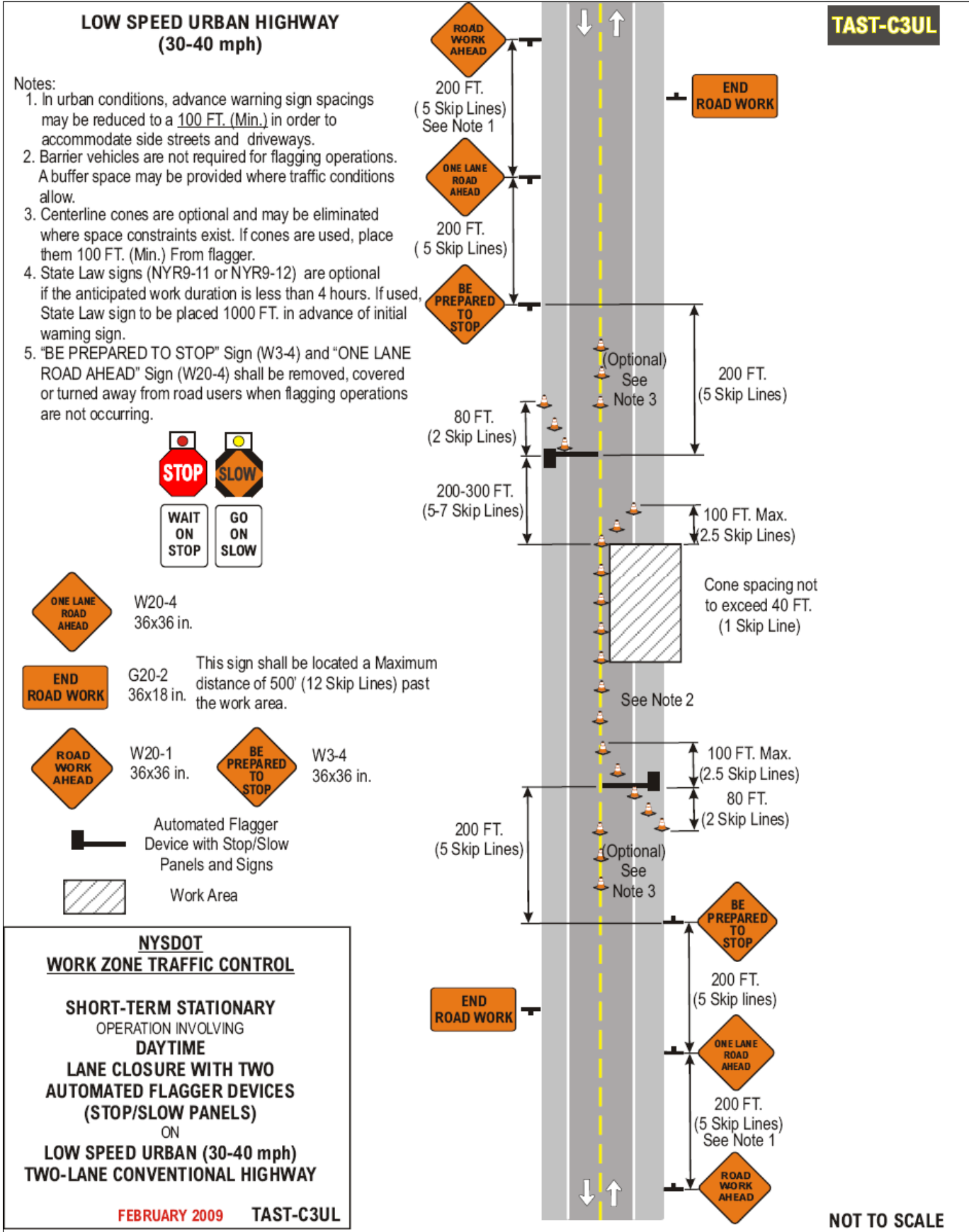


NOT TO SCALE

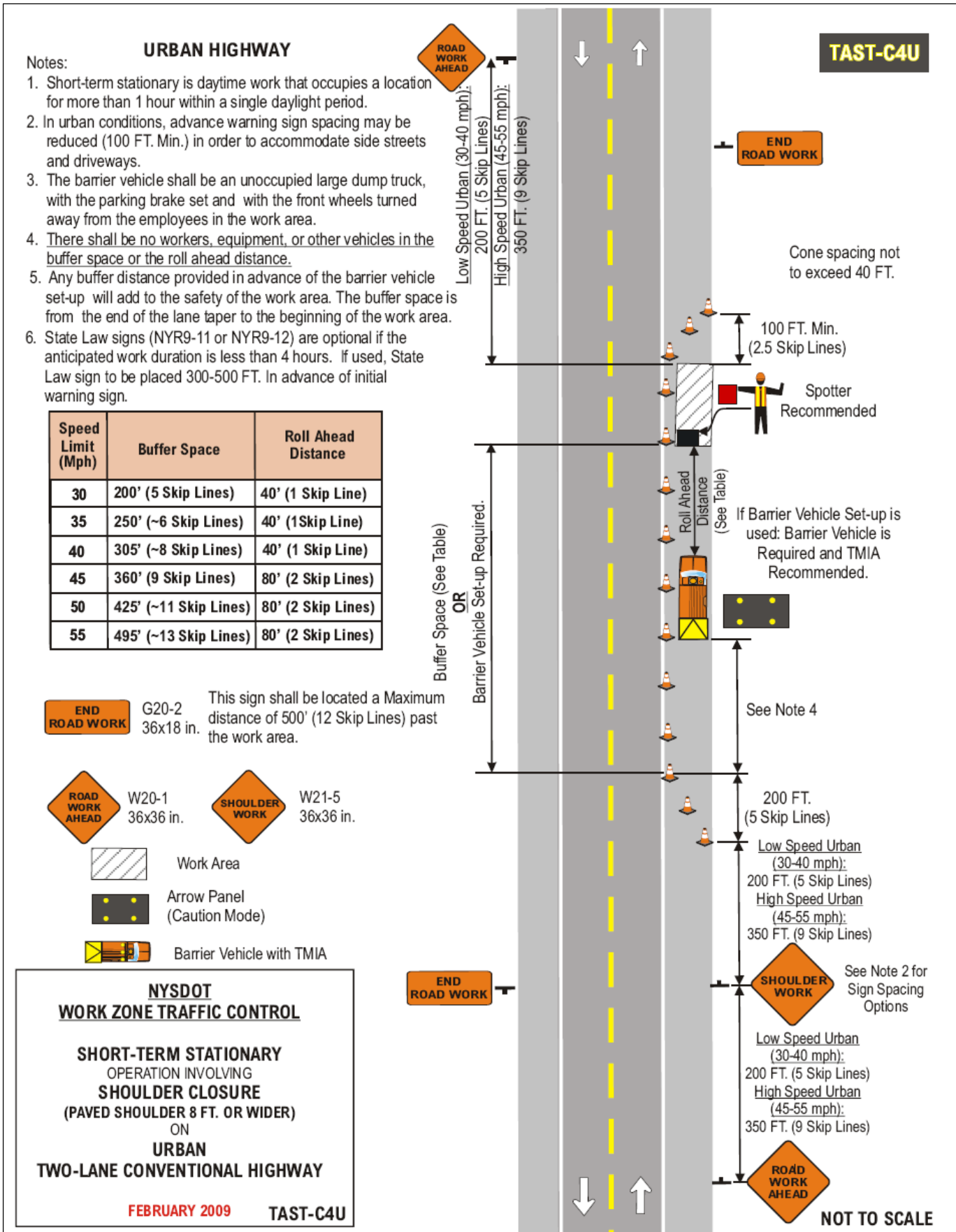
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)

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

TAST-C5UL

Notes:

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

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

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

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

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

← W1-6L 48x24 in.

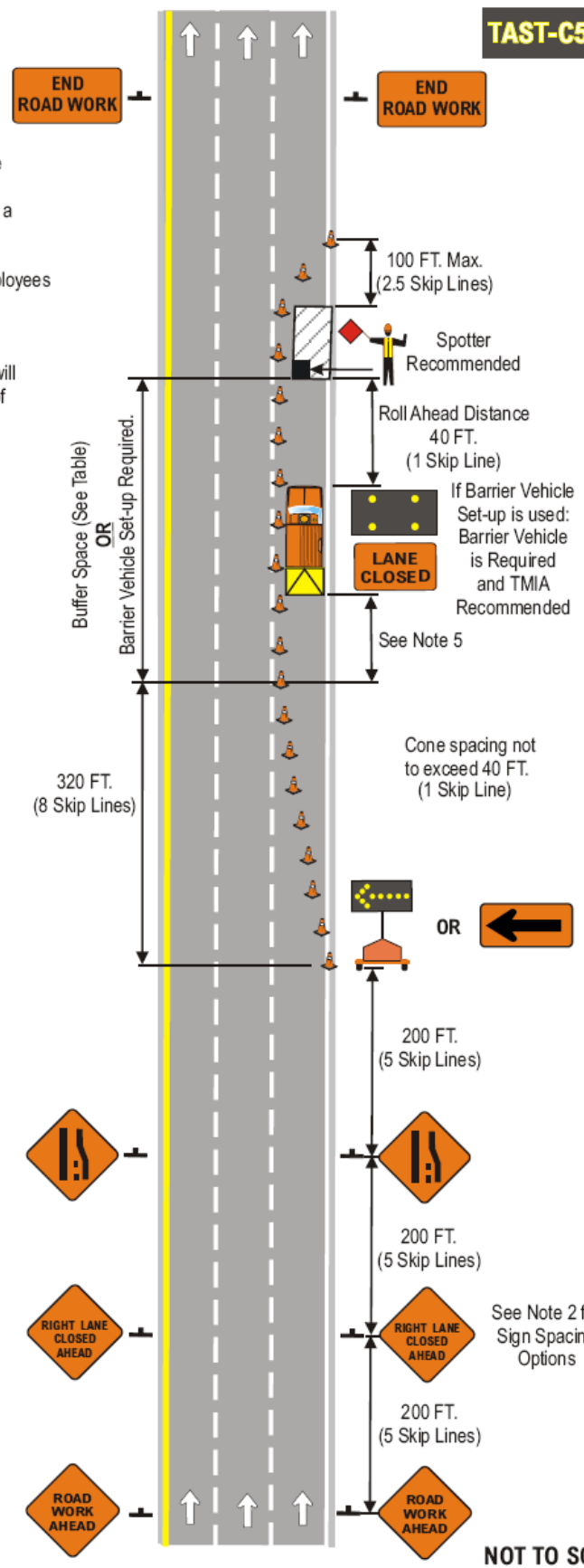
Arrow Panel (Caution Mode)

Barrier Vehicle with TMIA **Work Area**

NYSDOT
WORK ZONE TRAFFIC CONTROL

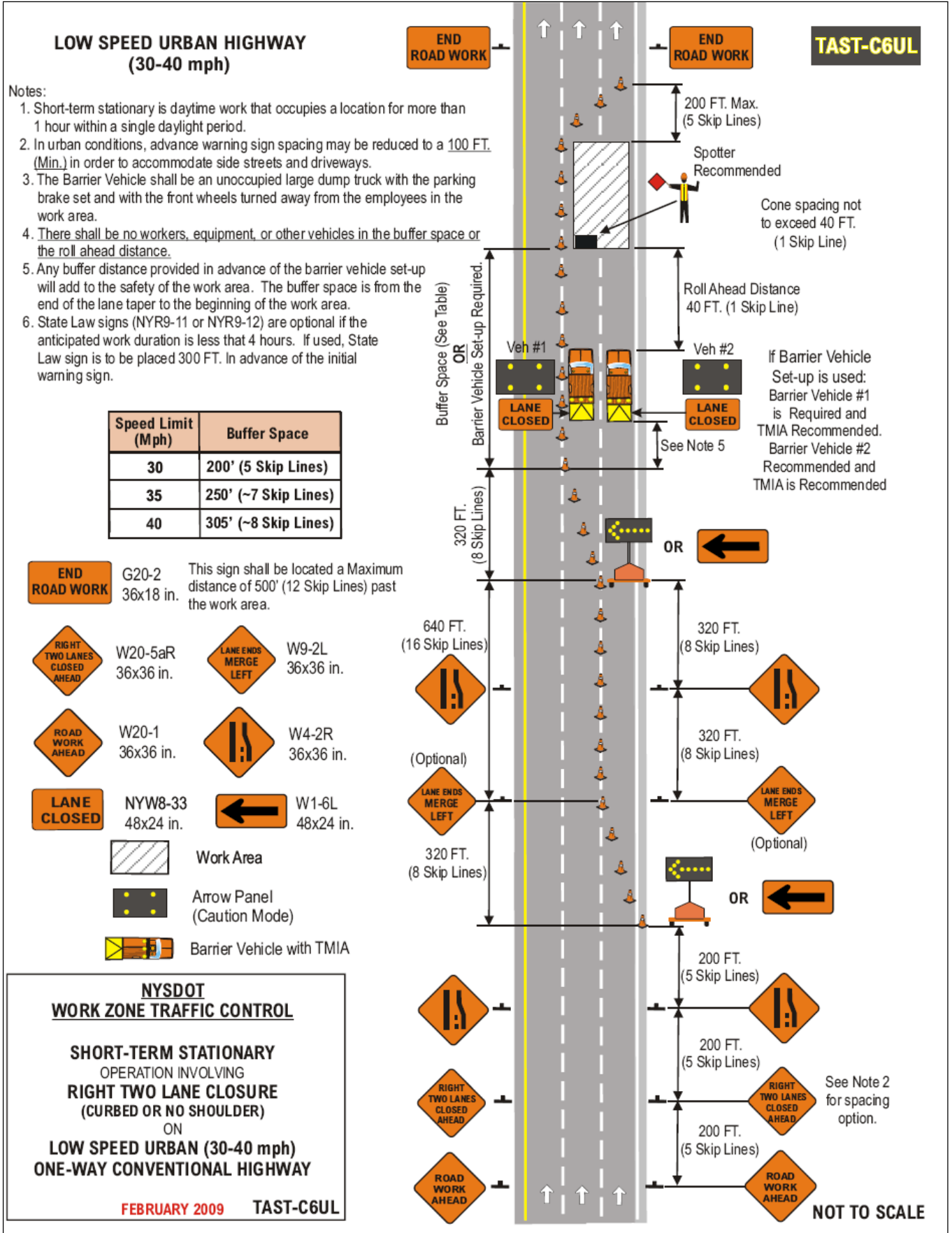
SHORT-TERM STATIONARY
OPERATION INVOLVING
RIGHT LANE CLOSURE
(CURBED OR NO SHOULDER)
ON
LOW SPEED URBAN (30-40 mph)
ONE-WAY CONVENTIONAL HIGHWAY

FEBRUARY 2009 TAST-C5UL

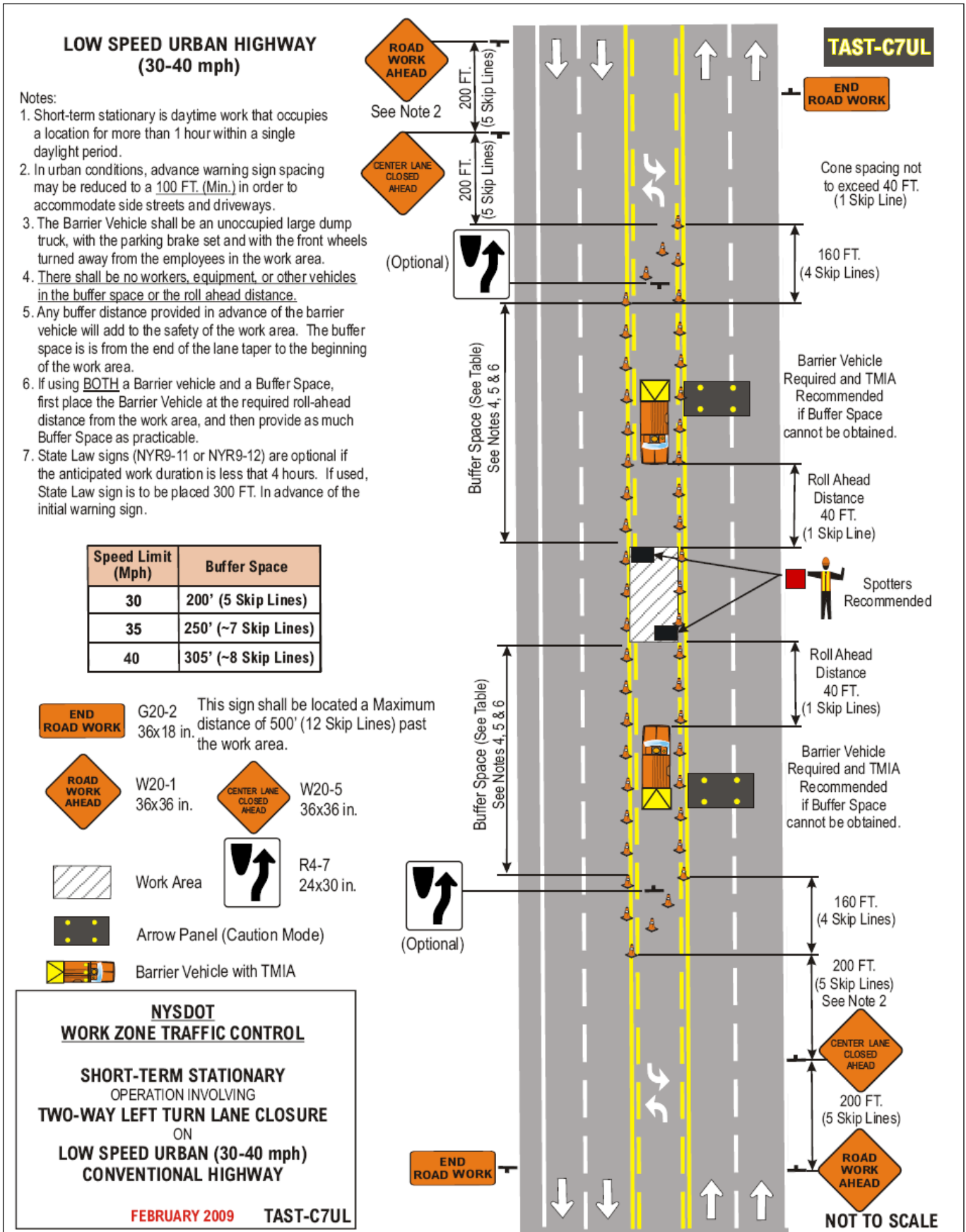


NOT TO SCALE

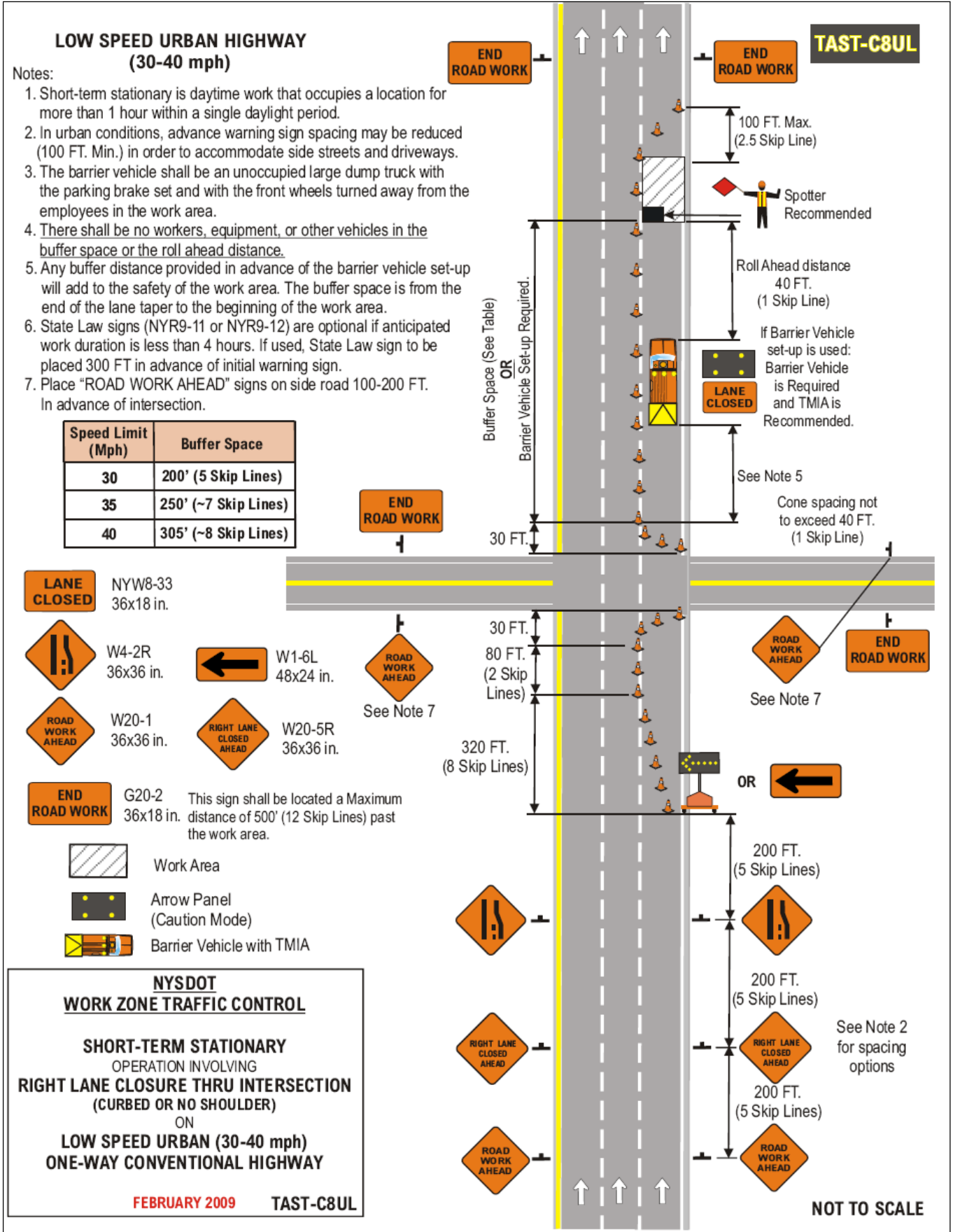
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



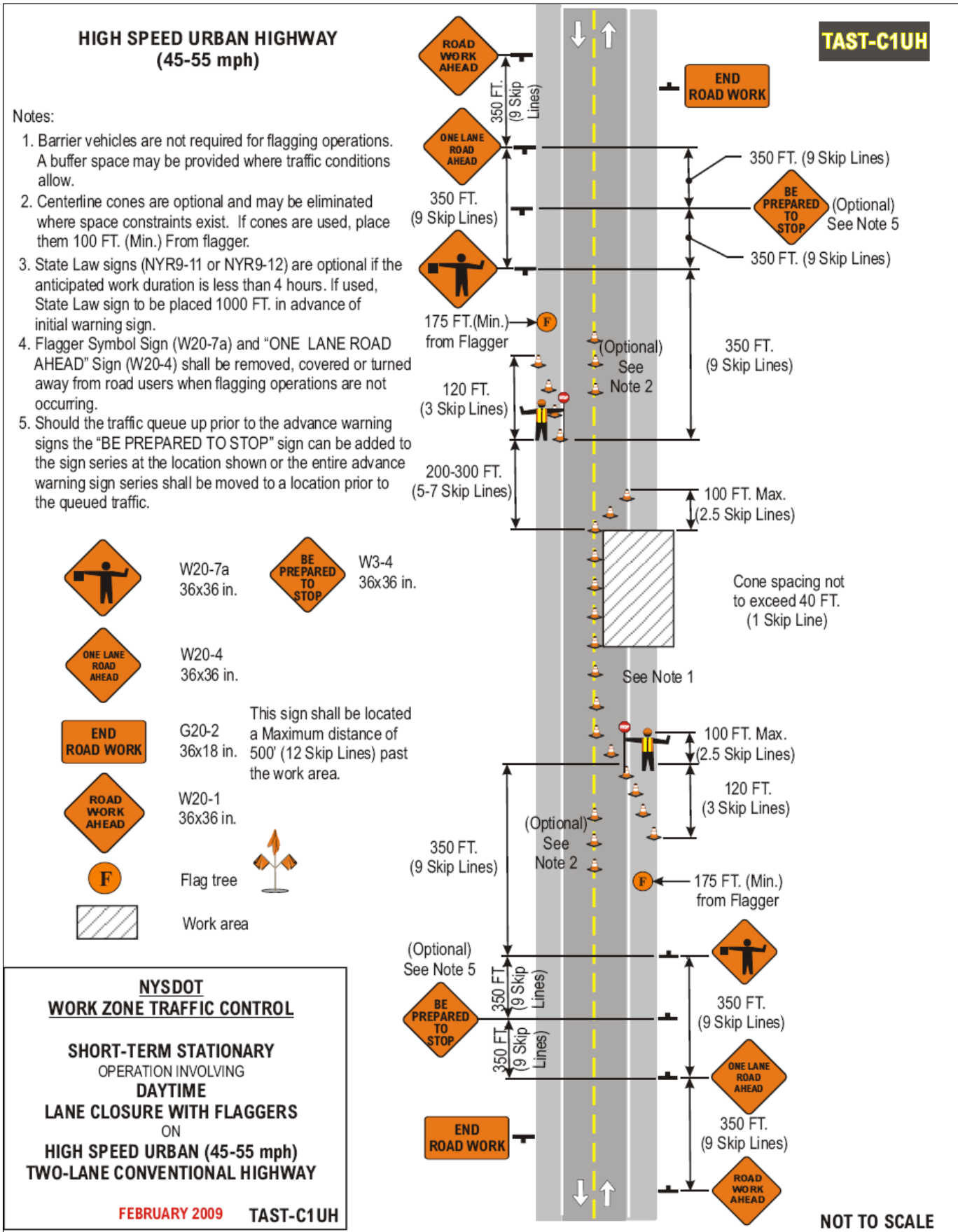
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



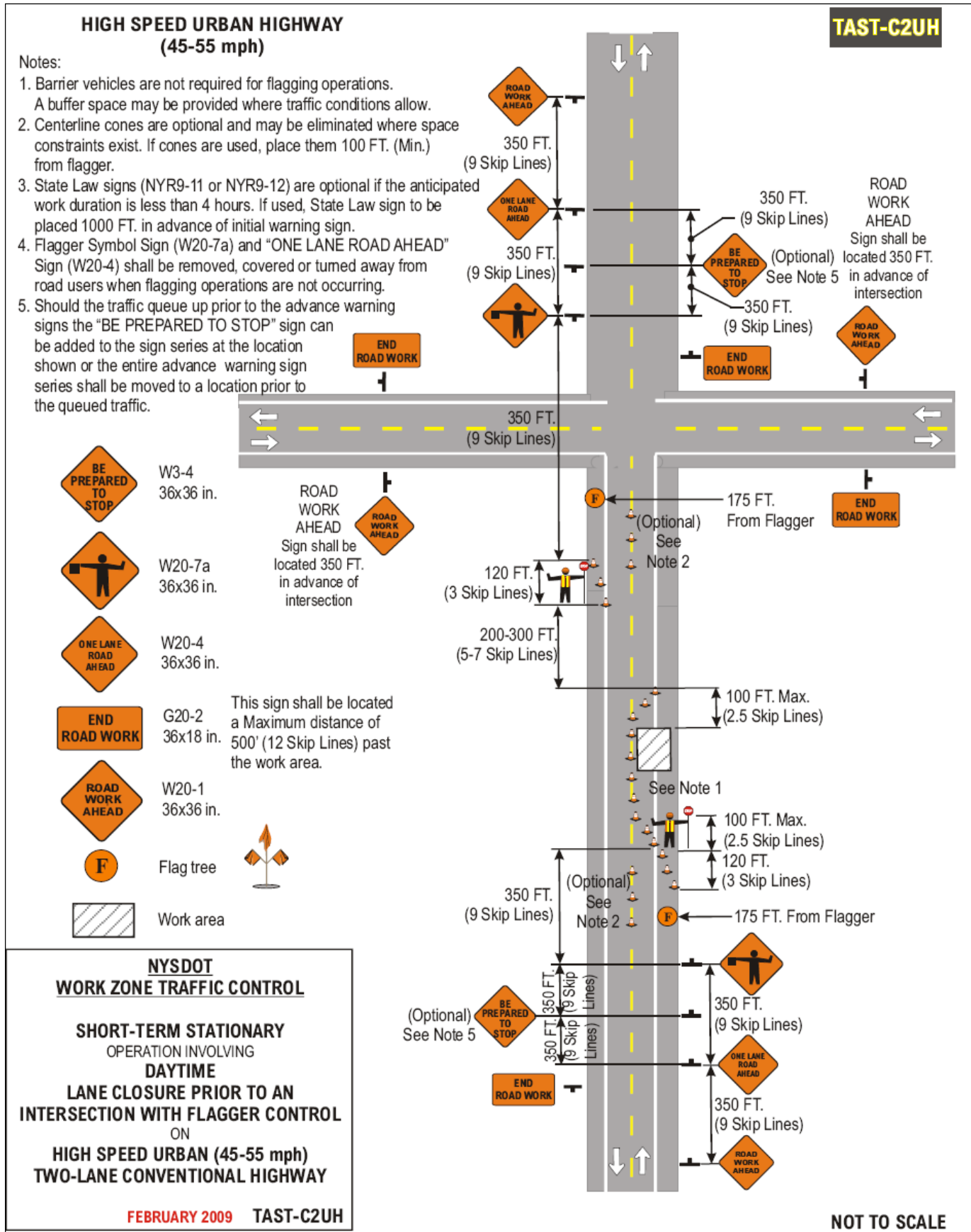
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



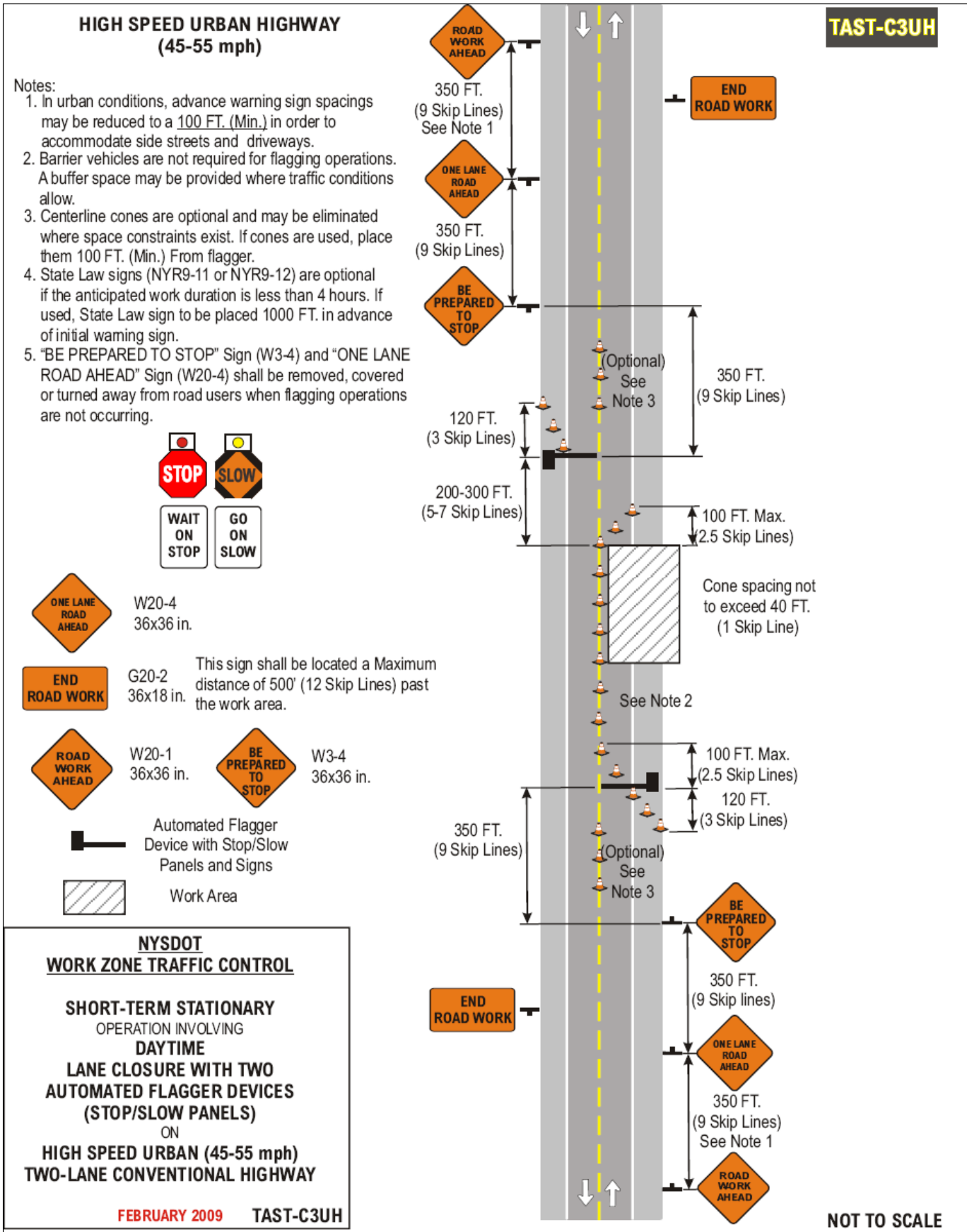
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



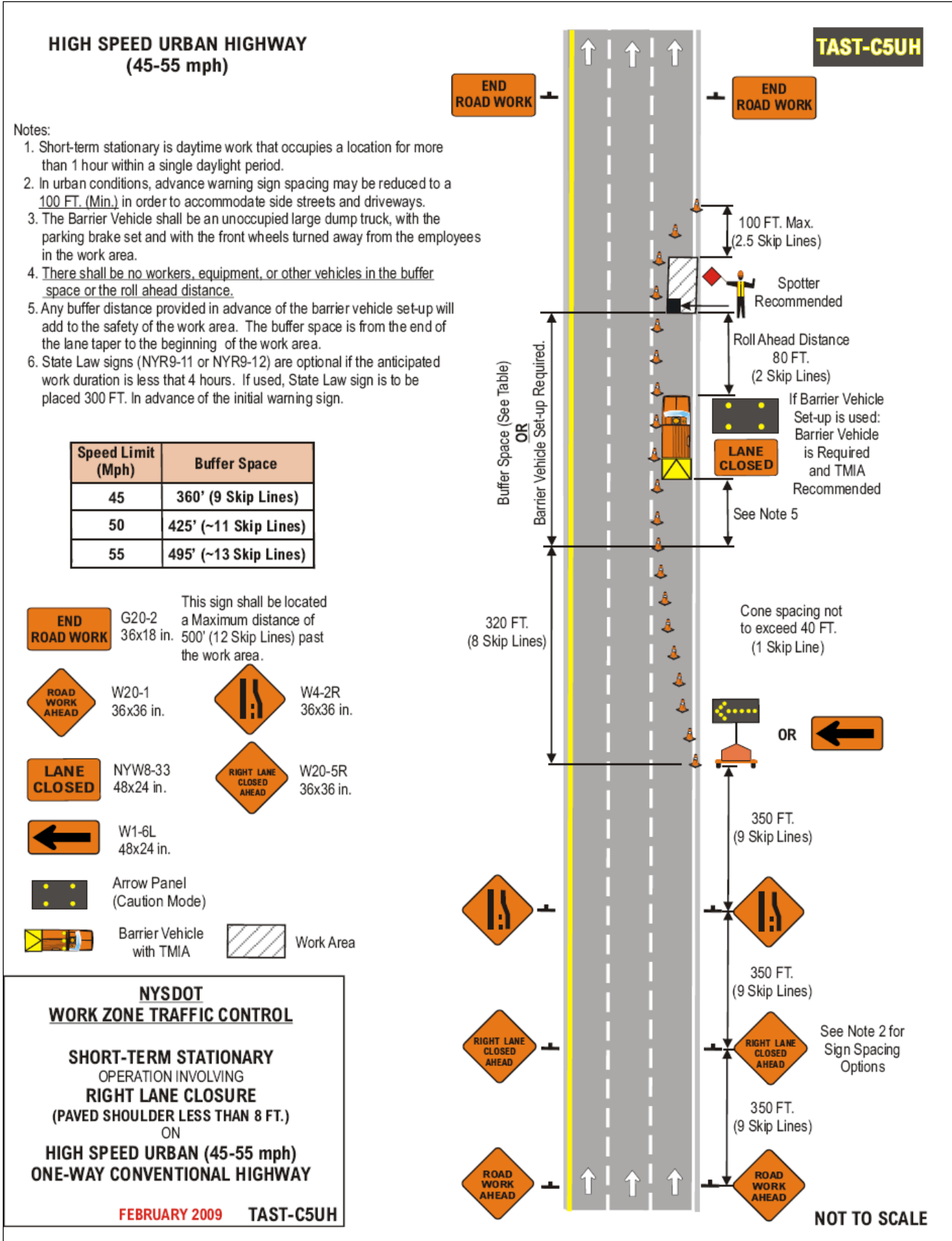
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



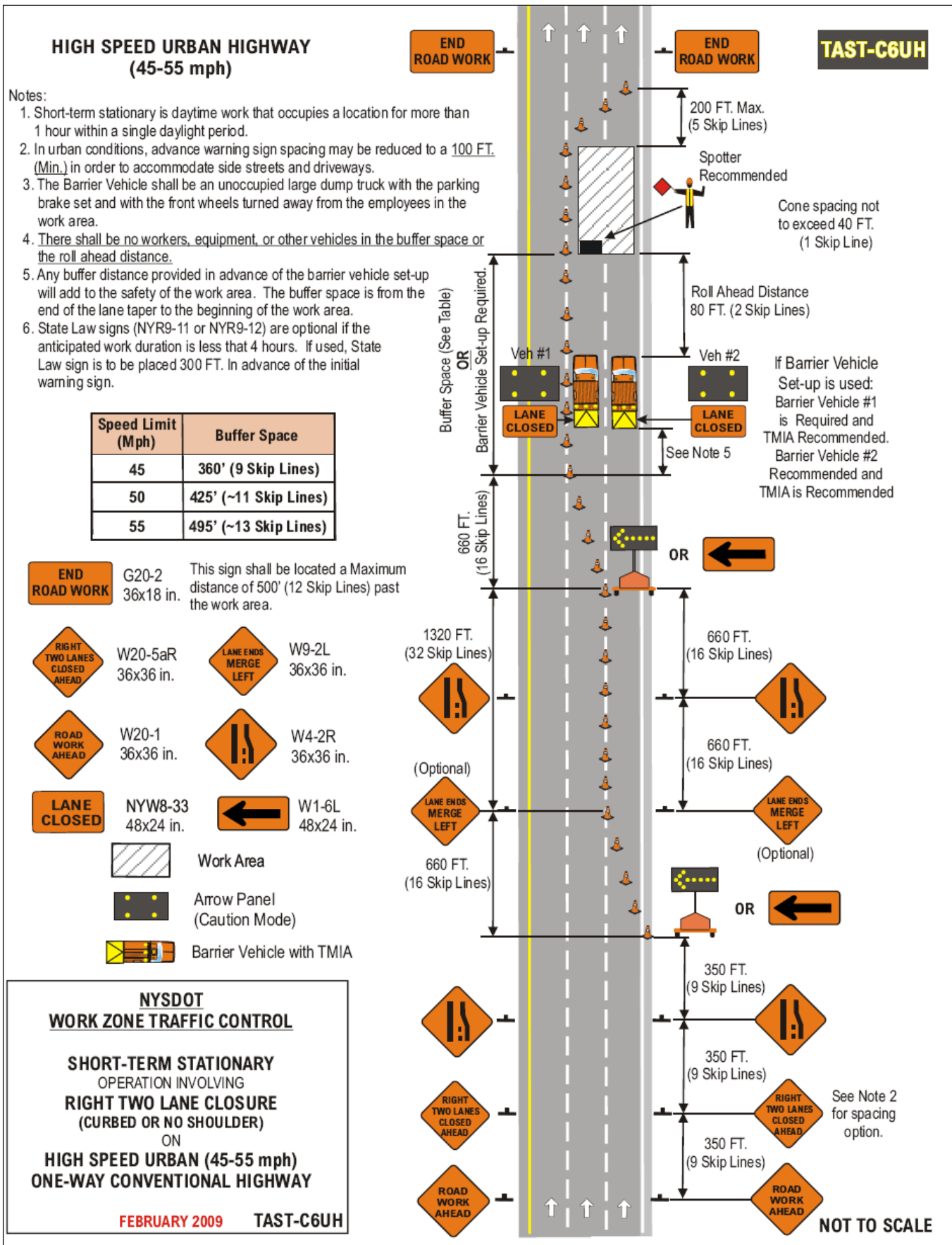
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



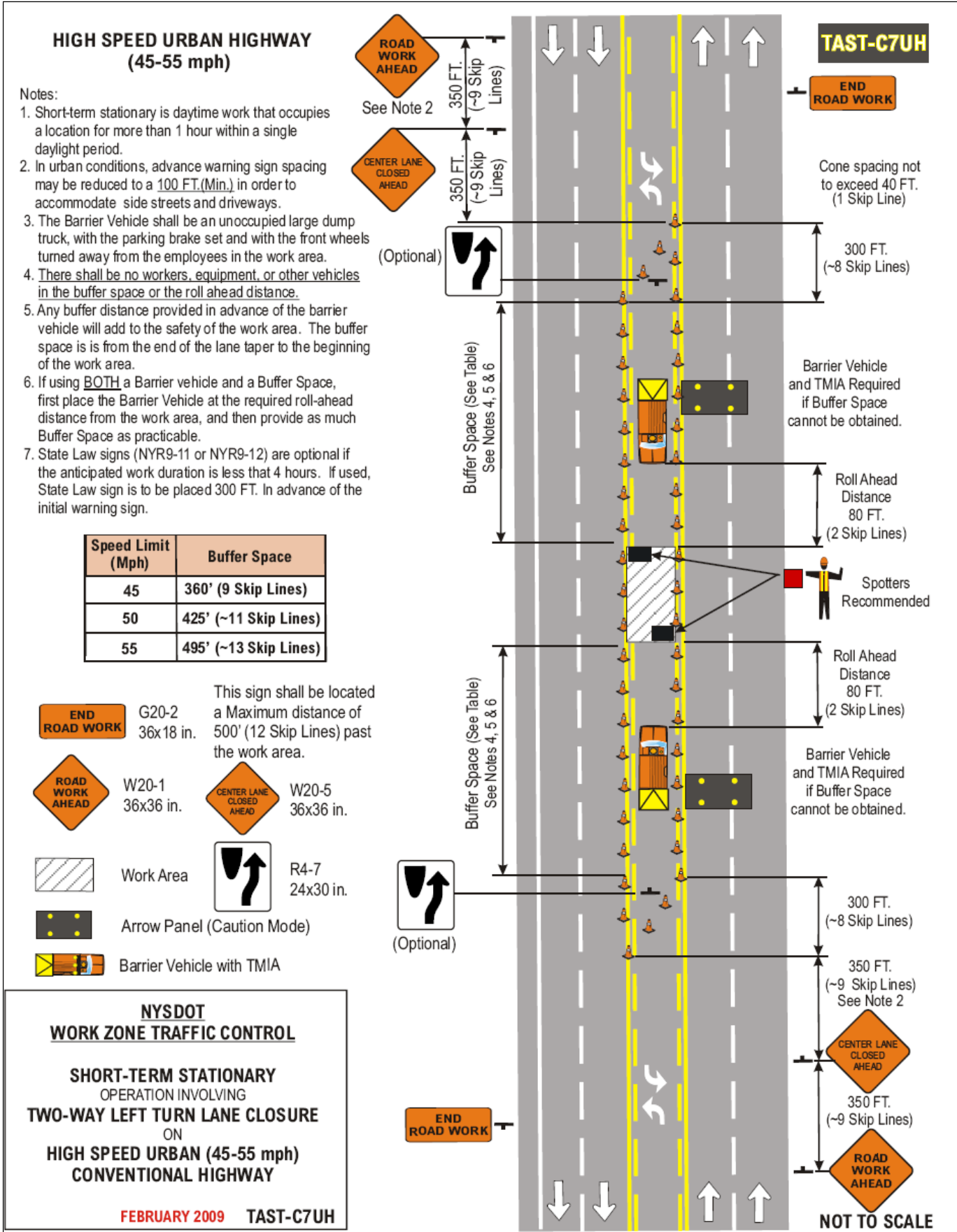
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



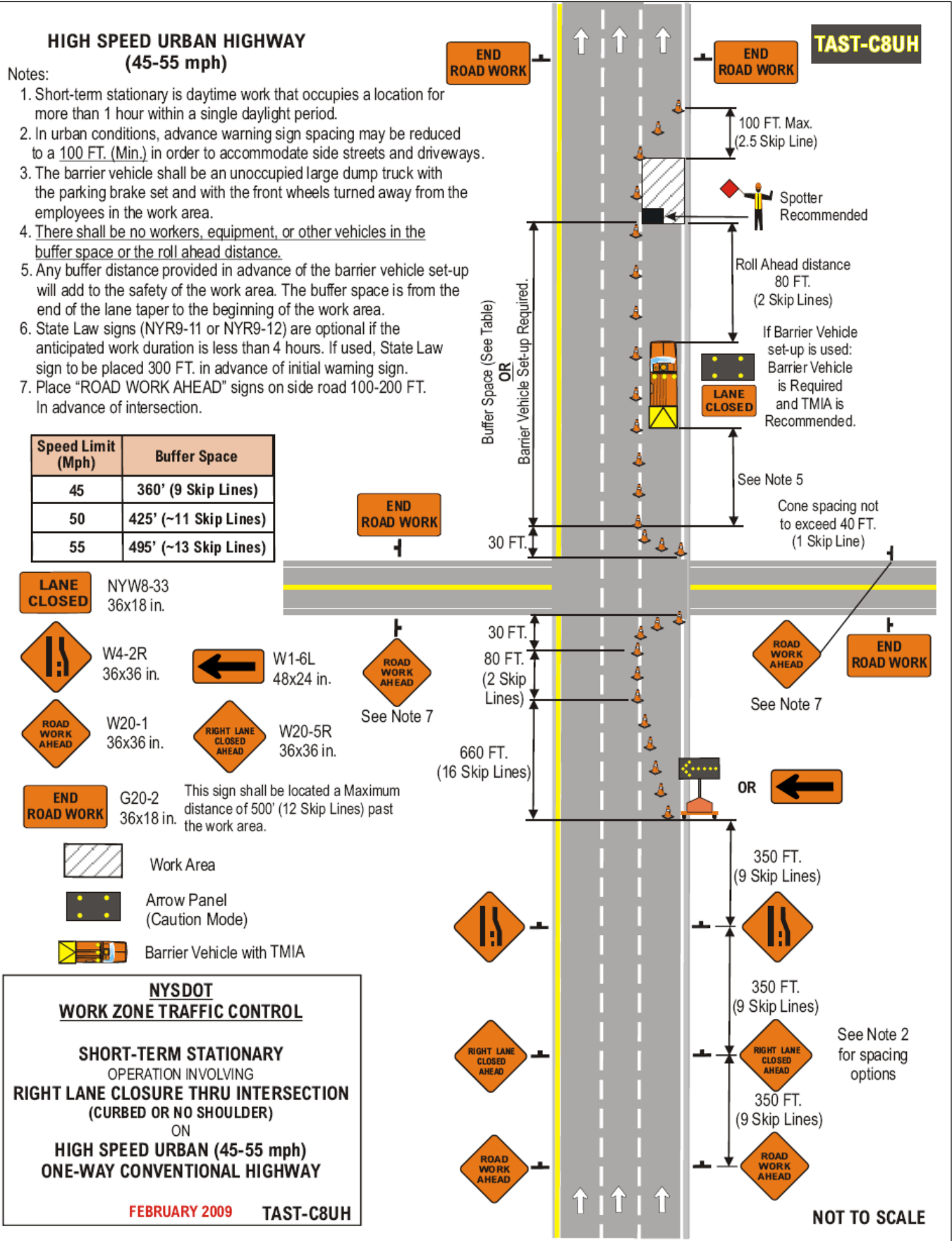
(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)











(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)

FREEWAY OR EXPRESSWAY

Notes:

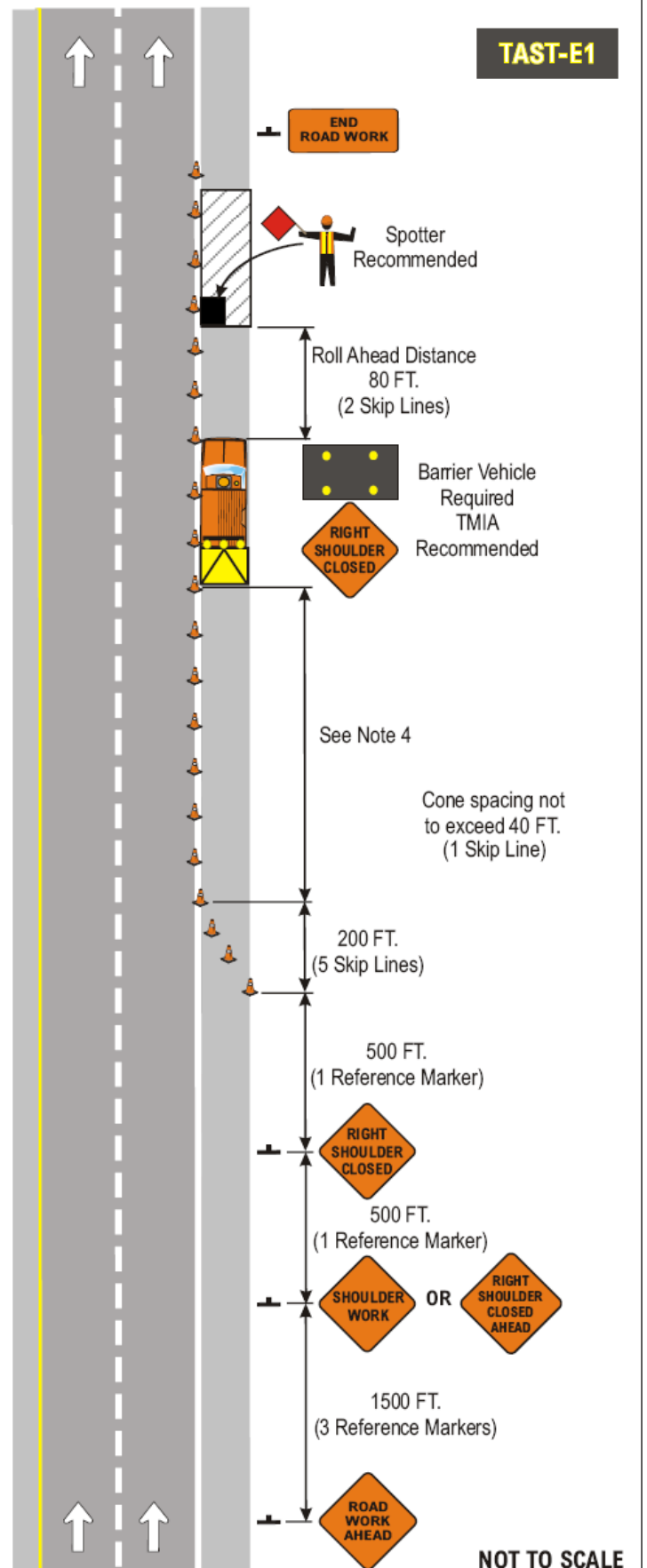
1. Short-term stationary is daytime work that occupies a location for more than 1 hour within a single daylight period.
2. The barrier vehicle shall be an unoccupied large dump truck with the parking brake set left in low or reverse gear and with the front wheels turned away from the employees in the 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		

NYS DOT
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



(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)

FREEWAY OR EXPRESSWAY

Notes:


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


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


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

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

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

 Work Area

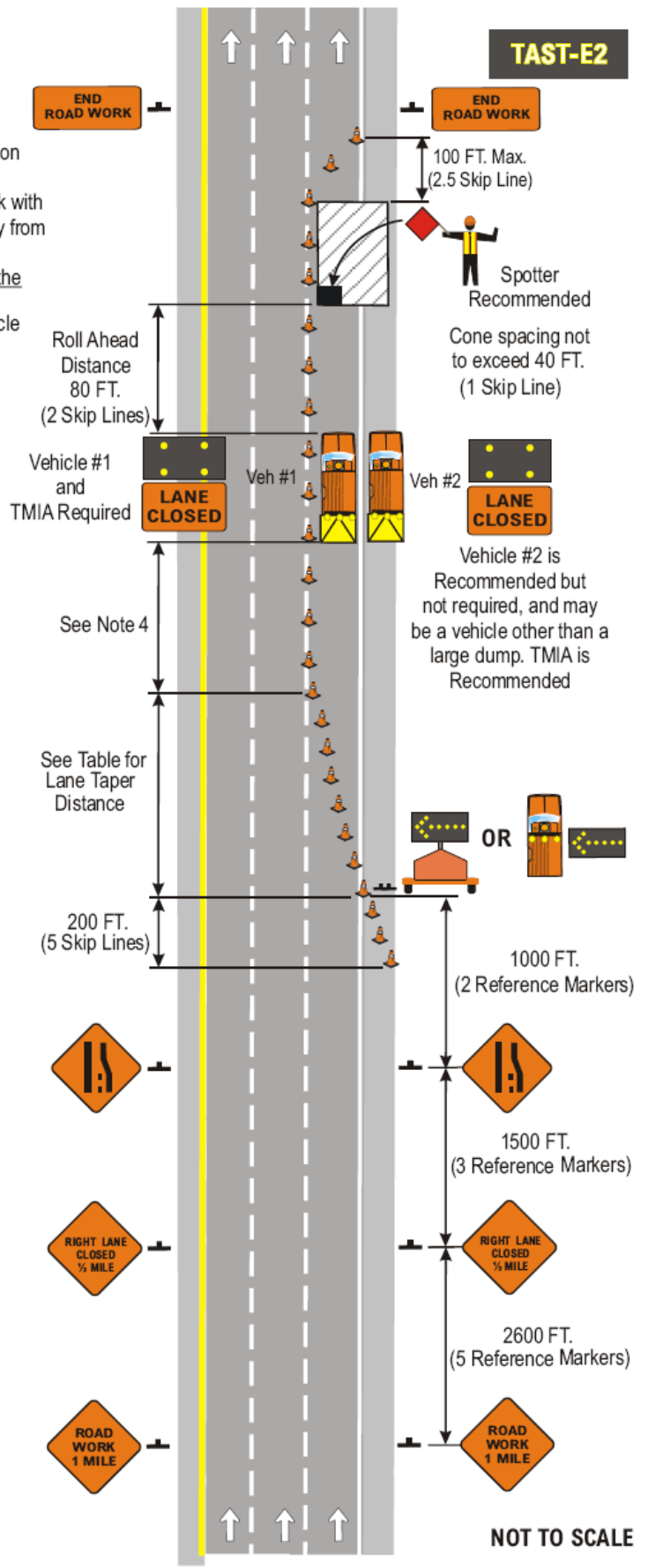
 Arrow Panel (Caution Mode)

 Barrier Vehicle with TMIA

NYSDOT
WORK ZONE TRAFFIC CONTROL

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

AUGUST 2008 TAST-E2



NOT TO SCALE

(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)

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

Notes:


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


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


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

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

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

 Work Area

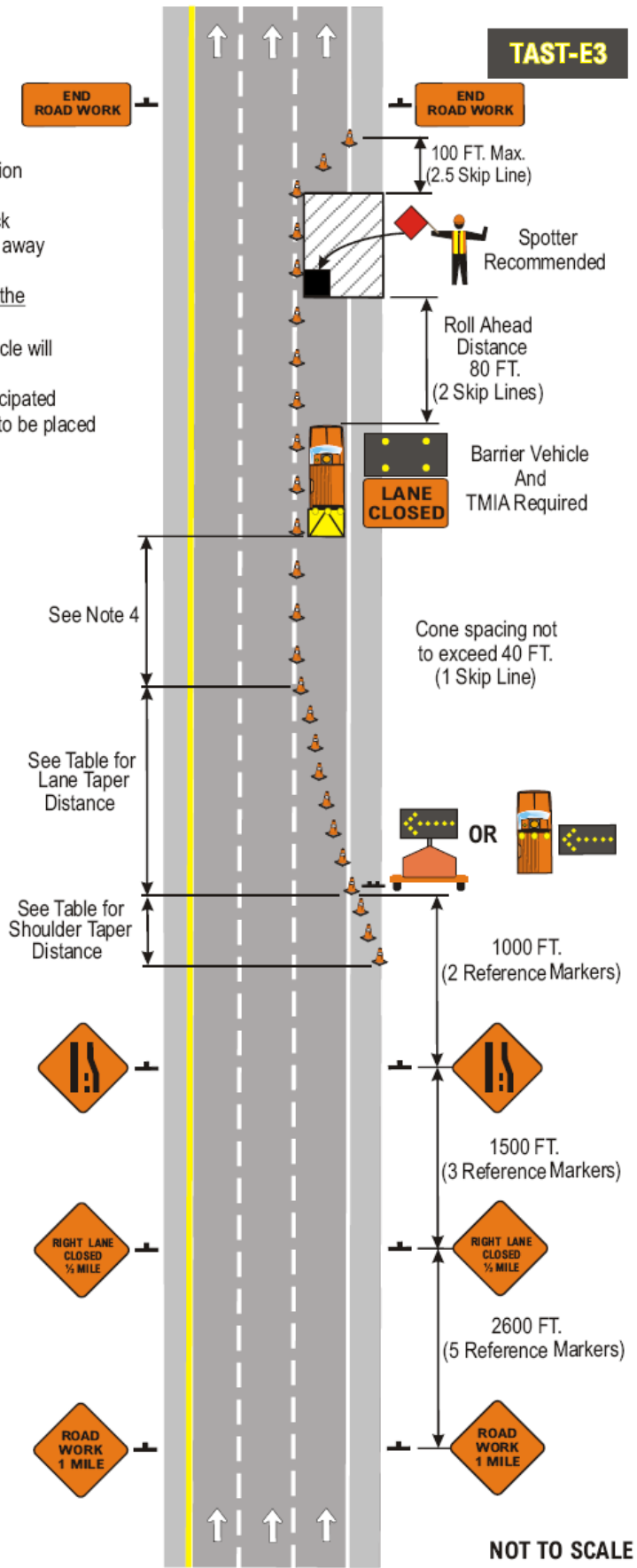
 Arrow Panel (Caution Mode)

 Barrier Vehicle with TMIA

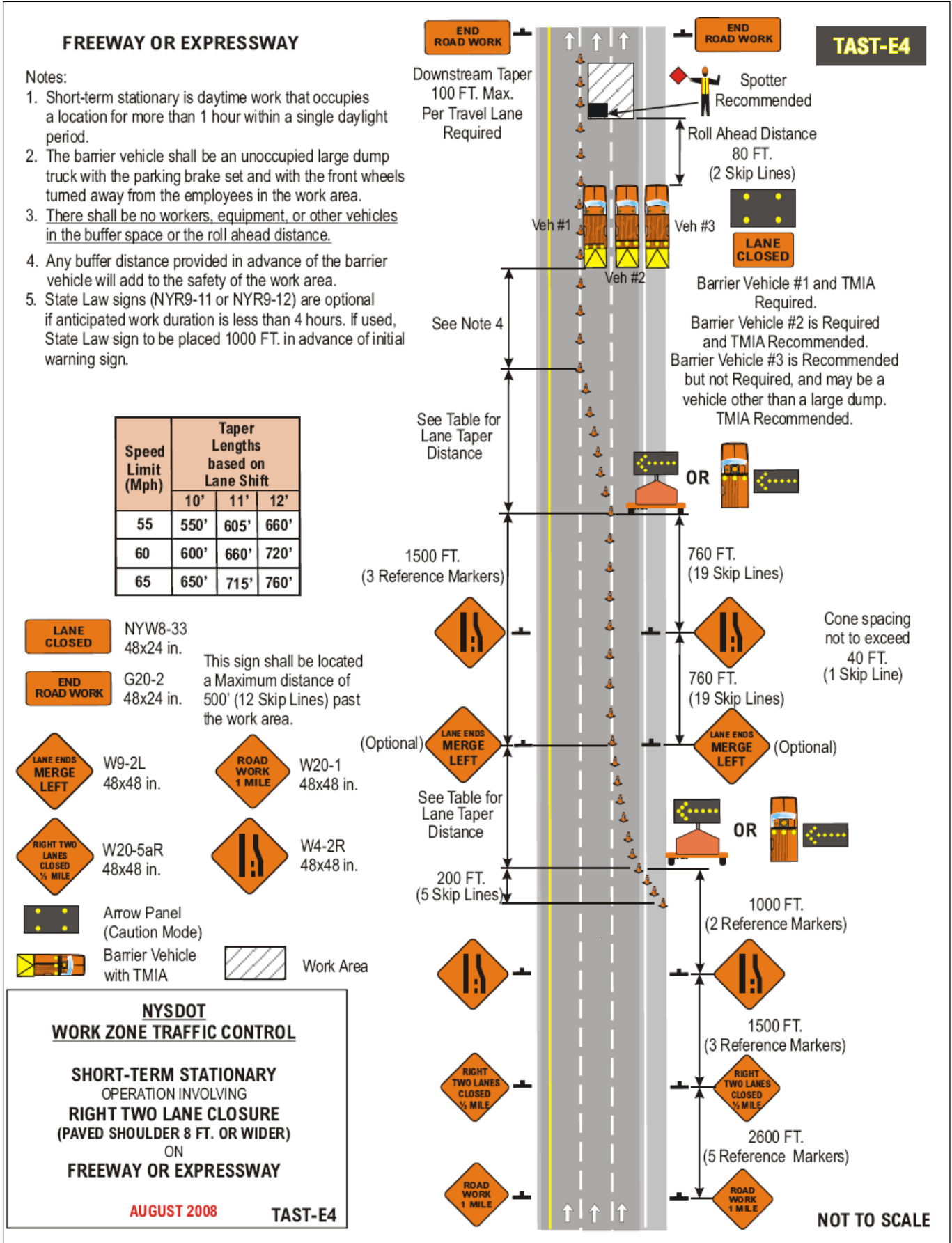
**NYSDOT
WORK ZONE TRAFFIC CONTROL**

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

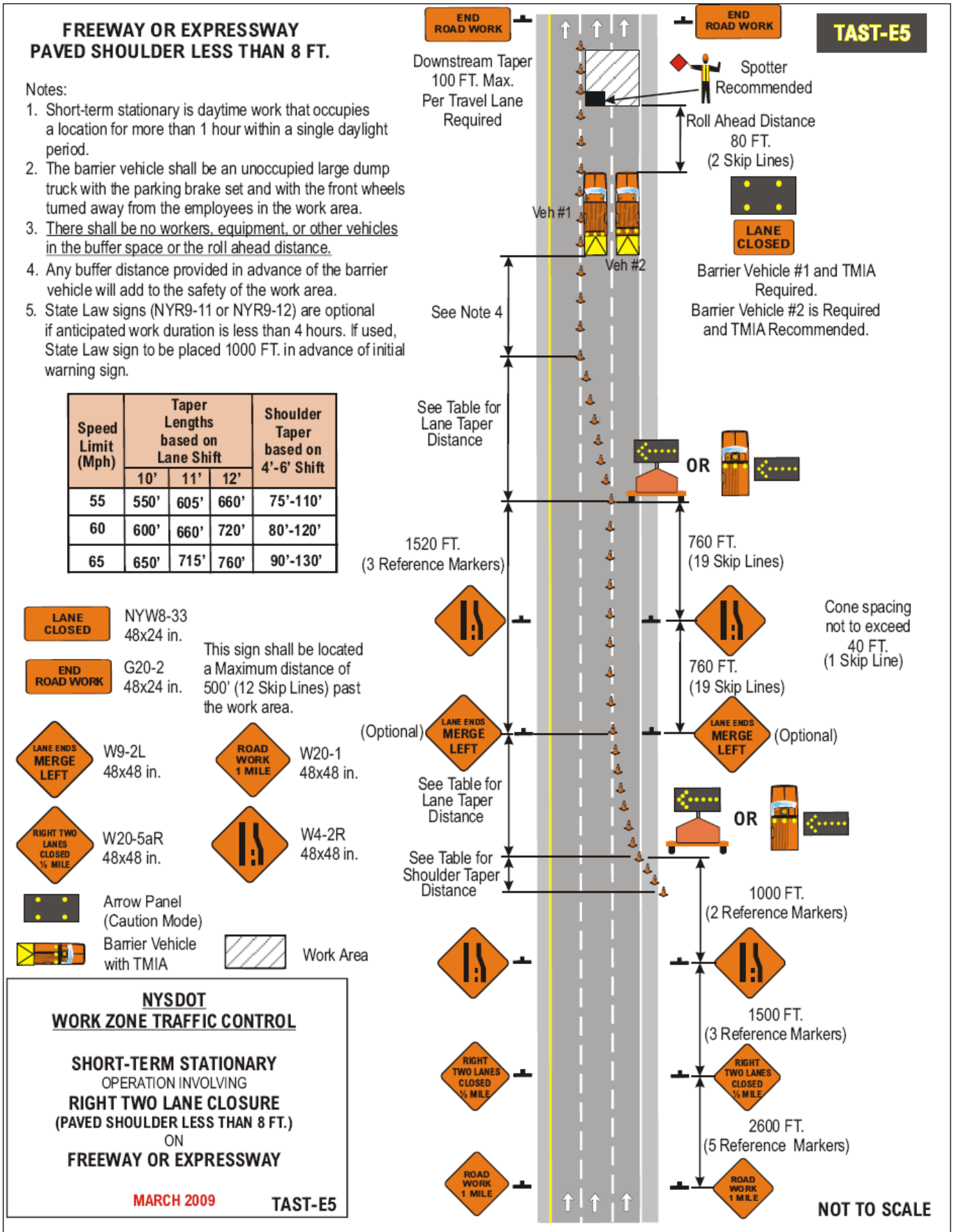
AUGUST 2008 TAST-E3



(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)



(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)

FREEWAY OR EXPRESSWAY

Notes:


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


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


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

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

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

 Work Area

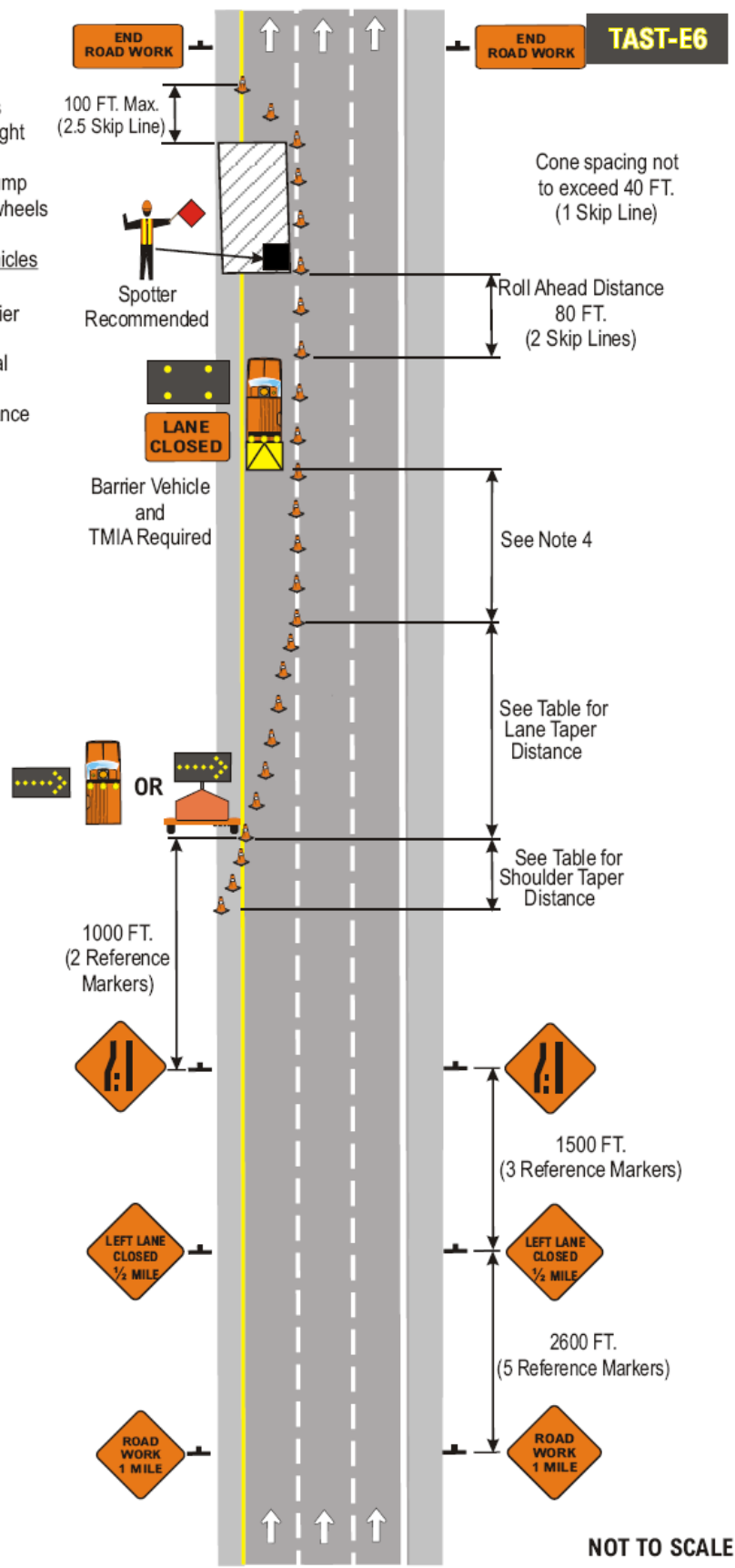
 Arrow Panel (Caution Mode)

 Barrier Vehicle with TMIA

NYSDOT
WORK ZONE TRAFFIC CONTROL

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

AUGUST 2008 TAST-E6



(Hot Mix Asphalt and Cold Patch)(All State Agencies And Political Subdivisions)

