

PLAN NOT TO SCALE

NE 34th Ct



May 11-12
2024

**MESSAGE BOARD
LOCATIONS**
(PLACED ONE WEEK
PRIOR TO EVENT)

**A1A
CLOSED
5/11 - 12**

**SUNRISE
TO 14 CT
6AM-6PM**

MARK MEYERS



Mark Meyers

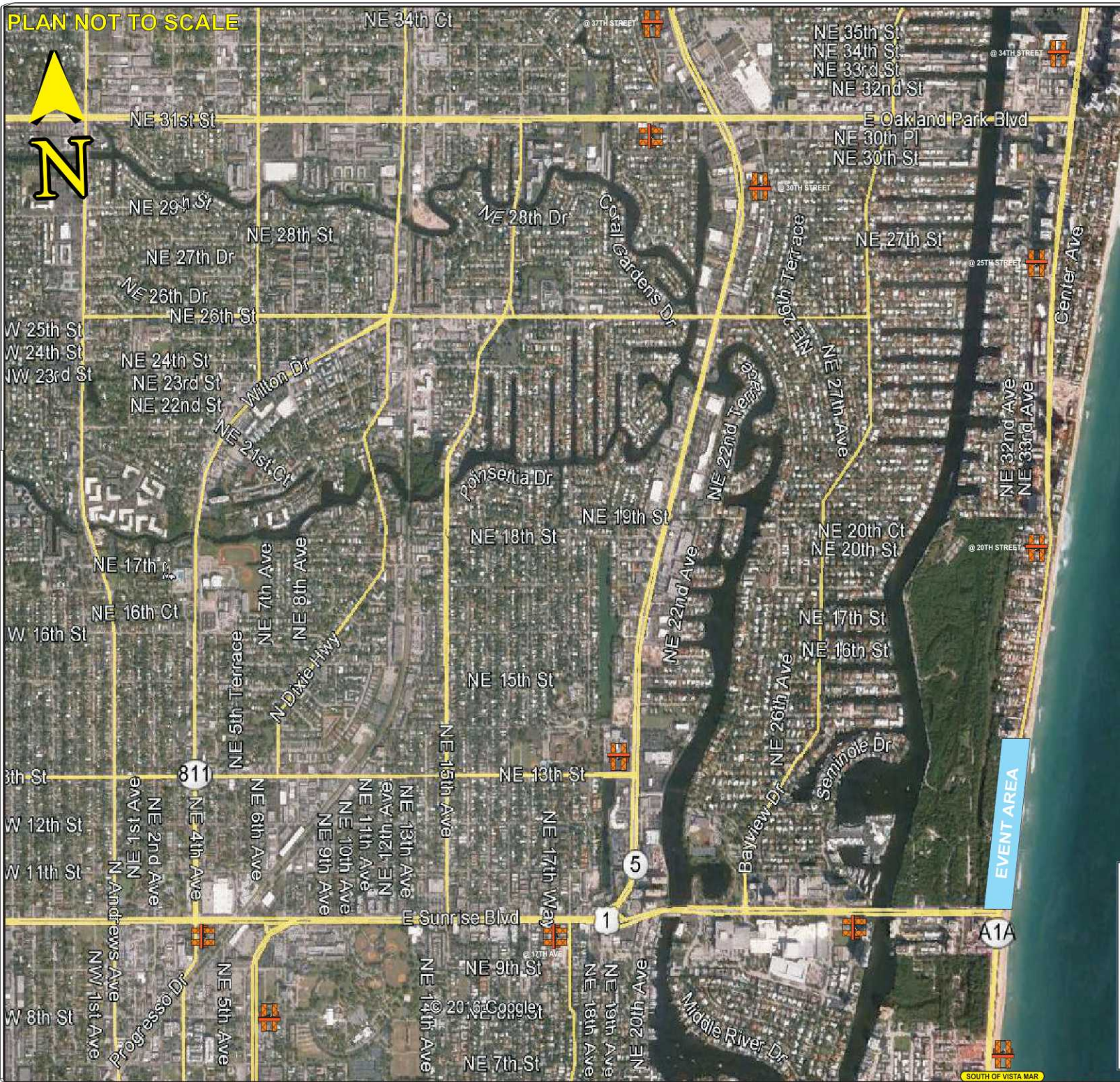
Certificate: 605769
Has Completed a FDOT Approved Temporary Traffic Control: Advanced Course.

Issued: 02/13/2023 Training Provider: myTTConline
Expires: 02/02/2027 83 Geneva Dr. Ste. 621394
Oviedo, FL 32762
Instructor: M. H. myTTConline
Ph: 407-901-0206

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CAM 24-0463

Exhibit 3
Page 1 of 11



DRAWN BY MM

MOT Plans

PROJECT NAME: FT. LAUD AIR SHOW

SITE LOCATION: LAS OLAS & A1A

PLAN NOT TO SCALE



TABLE 1 CHANNELIZING DEVICE SPACING			
Work Zone Speed (mph)	Max. Spacing (feet)		
	Cones or Temporary Tubular Markers	Type I Barricades, Type II Barricades, Vertical Panels, or Drums	Taper
≤ 45	25	50	50
≥ 50	25	50	100

TABLE 2 TAPER LENGTH "L"	
Work Zone Speed (mph)	Min. Length (feet)
≤ 40	L = WS
≥ 45	L = WS

Where: W = width of offset in feet
S = speed in mph

TABLE 3 WORK ZONE SIGN SPACING "X"	
Road Type	Min. Spacing (feet)
Arterials and Collectors with Work Zone Speed ≤ 40 mph	200
Arterials and Collectors with Work Zone Speed ≥ 45 mph	500
Limited Access Roadways	1,500

For limited access roadways with work zone speed ≤ 35 mph, the minimum spacing may be reduced in accordance with the MUTCD and as approved by the Engineer.

TABLE 4 BUFFER LENGTH "B"	
Work Zone Speed (mph)	Min. Length (feet)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

Note: When Buffer Length "B" cannot be attained due to geometric constraints, use the greatest length possible, but not less than 155 feet.

SPEED LIMIT 30	
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P FOUR PARKING SPACES CLOSED TO PROVIDE ADEQUATE TURNING RADIUS

LOCATIONS

ID CHECK RESIDENT ACCESS ONLY

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FDOT Mark Meyers

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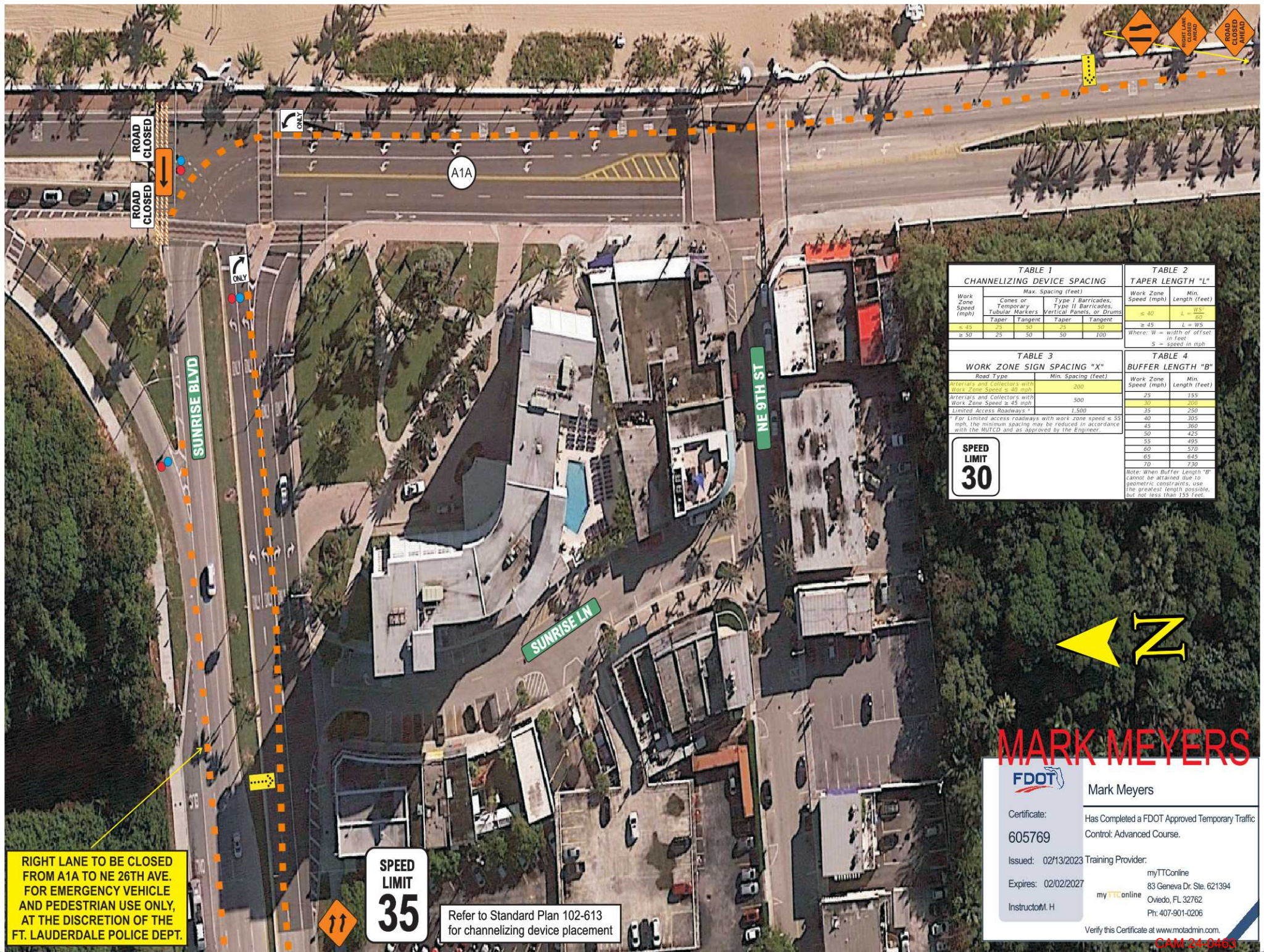
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ROAD CLOSED
ROAD CLOSED

SUNRISE BLVD

NE 9TH ST

SUNRISE LN

A1A

SPEED LIMIT
35

Refer to Standard Plan 102-613
for channelizing device placement

RIGHT LANE TO BE CLOSED
FROM A1A TO NE 26TH AVE.
FOR EMERGENCY VEHICLE
AND PEDESTRIAN USE ONLY,
AT THE DISCRETION OF THE
FT. LAUDERDALE POLICE DEPT.

TABLE 1 CHANNELIZING DEVICE SPACING					TABLE 2 TAPER LENGTH "L"	
Work Zone Speed (mph)	Max. Spacing (feet)				Work Zone Speed (mph)	Min. Length (feet)
	Cones or Temporary Tubular Markers		Type I Barricades, Type II Barricades, Vertical Panels, or Drums			
	Taper	Tangent	Taper	Tangent	Where: W = width of offset in feet S = speed in mph	
≤ 45	75	30	25	50	≤ 40	L = 40S
≥ 50	25	50	50	100	≥ 45	L = WS

TABLE 3 WORK ZONE SIGN SPACING "X"			TABLE 4 BUFFER LENGTH "B"	
Road Type	Min. Spacing (feet)		Work Zone Speed (mph)	Min. Length (feet)
Arterials and Collectors with Work Zone Speed ≤ 45 mph	200		25	155
Arterials and Collectors with Work Zone Speed ≥ 45 mph	500		30	200
Limited Access Roadways	1,500		35	250
For Limited access roadways with work zone speed ≤ 55 mph, the minimum spacing may be reduced in accordance with the MUTCD and as approved by the Engineer.			40	305
			45	360
			50	425
			55	495
			60	570
			65	645
			70	730

SPEED LIMIT 30



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**TABLE 1
CHANNELIZING DEVICE SPACING**

Work Zone Speed (mph)	Max. Spacing (feet)			
	Cones or Temporary Tubular Markers		Type I Barricades, Type II Barricades, Vertical Panels, or Drums	
	Taper	Tangent	Taper	Tangent
≤ 45	25	30	25	30
≥ 50	25	50	50	100

**TABLE 2
TAPER LENGTH "L"**

Work Zone Speed (mph)	Min. Length (feet)
≤ 40	L = WS
≥ 45	L = WS

Where: W = width of offset in feet
S = speed in mph

**TABLE 3
WORK ZONE SIGN SPACING "X"**

Road Type	Min. Spacing (feet)
Arterials and Collectors with Work Zone Speed ≤ 40 mph	200
Arterials and Collectors with Work Zone Speed ≥ 45 mph	500
Limited Access Roadways*	1,500

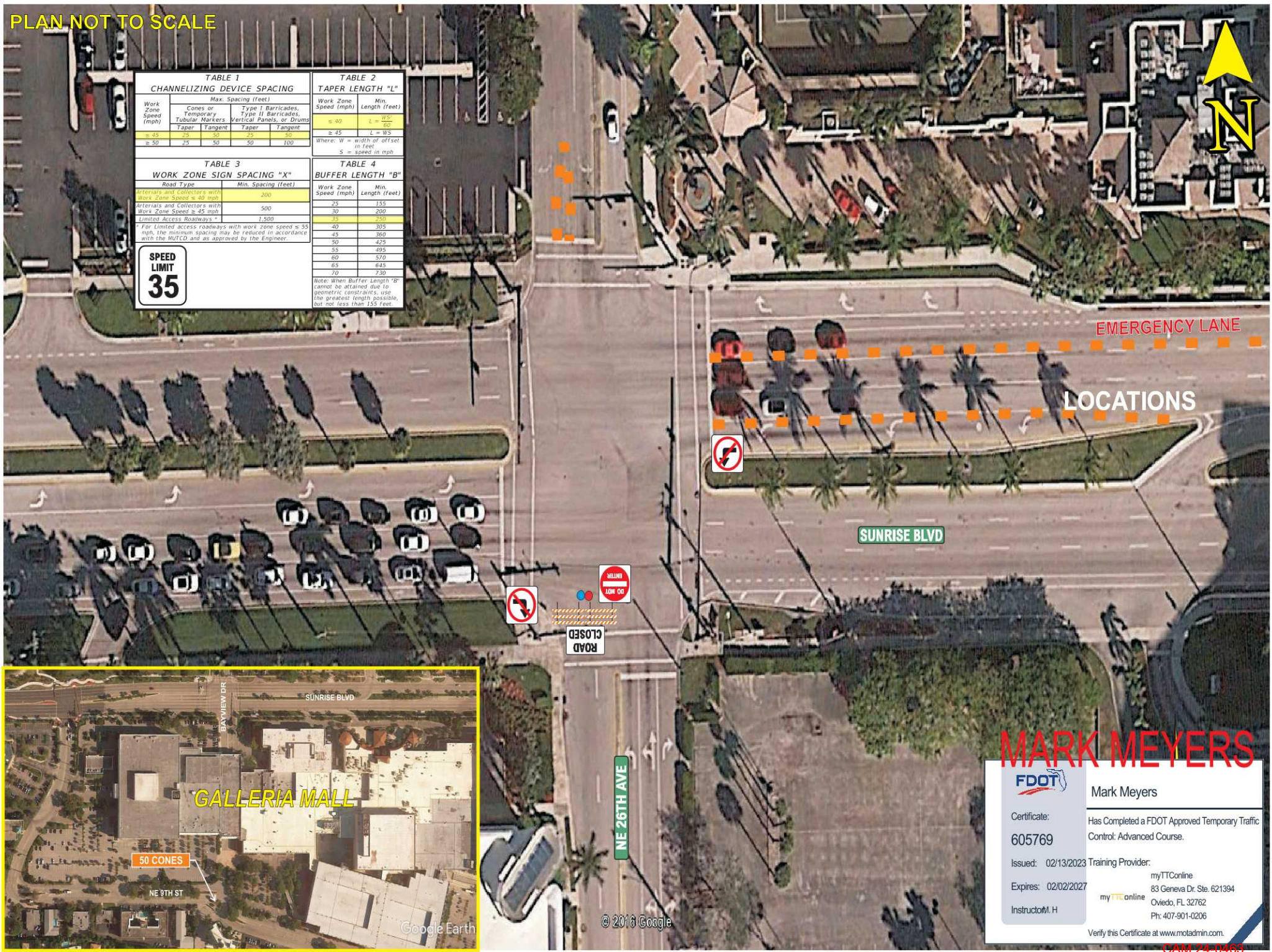
* For limited access roadways with work zone speed ≤ 55 mph, the minimum spacing may be reduced in accordance with the MUTCD and as approved by the Engineer.

**TABLE 4
BUFFER LENGTH "B"**

Work Zone Speed (mph)	Min. Length (feet)
25	135
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	720

Note: When Buffer Length "B" cannot be attained due to geometric constraints, use the greatest length possible, but not less than 155 feet.

**SPEED LIMIT
35**



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SHEET	TABLE OF CONTENTS
1	General Notes, TTC Tables
2	Definitions Temporary Traffic Control Devices Overhead Work Railroads Sight Distance Above Ground Hazard
3	Clear Zone Widths For Work Zones Superelevation Length Of Lane Closures Overweight/Oversize Vehicles Lane Widths High-Visibility Safety Apparel Speed Reduction Signing
4	Flagger Control Survey Work Zones Signs
5	Work Zone Sign Supports
6	Commonly Used Warning and Regulatory Signs In Work Zones
7	Manholes/Crosswalks/Joints Truck Mounted Attenuators Signals Channelizing Devices Channelizing Devices Consistency Advanced Warning Arrow Boards
8	Drop-Offs In Work Zones
9	Business Entrance Temporary Asphalt Separator
10	Channelizing Devices Notes Temporary Barrier Notes
11	Pavement Markings

GENERAL NOTES:

- This Index contains information specific to the Federal and State guidelines and standards for the preparation of traffic control plans and for the execution of traffic control in work zones, for construction and maintenance operations and utility work on highways, roads and streets on the State Highway System. Certain requirements in this Index are based on the high volume nature of State Highways. For highways, roads and streets off the State Highway System, the local agency (City/County) having jurisdiction may adopt requirements based on the minimum requirements provided in the MUTCD.
- Use this Index in accordance with the Plans and Indexes 102-601 through 102-680. Indexes 102-601 through 102-680 are Department-specific typical applications of commonly encountered situations. Adjust device location or number thereof as recommended by the Worksite Traffic Supervisor and approved by the Engineer. Devices include, but are not limited to, flaggers, portable temporary signals, signs, pavement markings, and channelizing devices. Comply with MUTCD or applicable Department criteria for any changes and document the reason for the change.
- Except for emergencies, any road closure on State Highway System must comply with Section 335.15, F.S.

**TABLE 1
CHANNELIZING DEVICE SPACING**

Work Zone Speed (mph)	Max. Spacing (feet)			
	Cones or Temporary Tubular Markers		Type I Barricades, Type II Barricades, Vertical Panels, or Drums	
	Taper	Tangent	Taper	Tangent
≤ 45	25	50	25	50
≥ 50	25	50	50	100

**TABLE 2
TAPER LENGTH "L"**

Work Zone Speed (mph)	Min. Length (feet)
≤ 40	$L = \frac{WS^2}{60}$
≥ 45	$L = WS$

Where: W = width of offset in feet
S = speed in mph

**TABLE 3
WORK ZONE SIGN SPACING "X"**

Road Type	Min. Spacing (feet)
Arterials and Collectors with Work Zone Speed ≤ 40 mph	200
Arterials and Collectors with Work Zone Speed ≥ 45 mph	500
Limited Access Roadways *	1,500

* For Limited access roadways with work zone speed ≤ 55 mph, the minimum spacing may be reduced in accordance with the MUTCD and as approved by the Engineer.

**TABLE 4
BUFFER LENGTH "B"**

Work Zone Speed (mph)	Min. Length (feet)
25	155
30	200
35	250
40	305
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50	425
55	495
60	570
65	645
70	730

Note: When Buffer Length "B" cannot be attained due to geometric constraints, use the greatest length possible, but not less than 155 feet.

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11/01/20	



**FY 2023-24
STANDARD PLANS**

GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES

INDEX	SHEET
102-600	1 of 11

NOTE:

1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
2. L = Taper Length
X = Work Zone Sign Spacing
B = Buffer Length
See Index 102-600 for "L", "X", "B", and channelizing device spacing values.
3. Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
5. For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
6. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
8. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
9. When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

SYMBOLS:

-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign
-  Lane Identification and Direction of Traffic

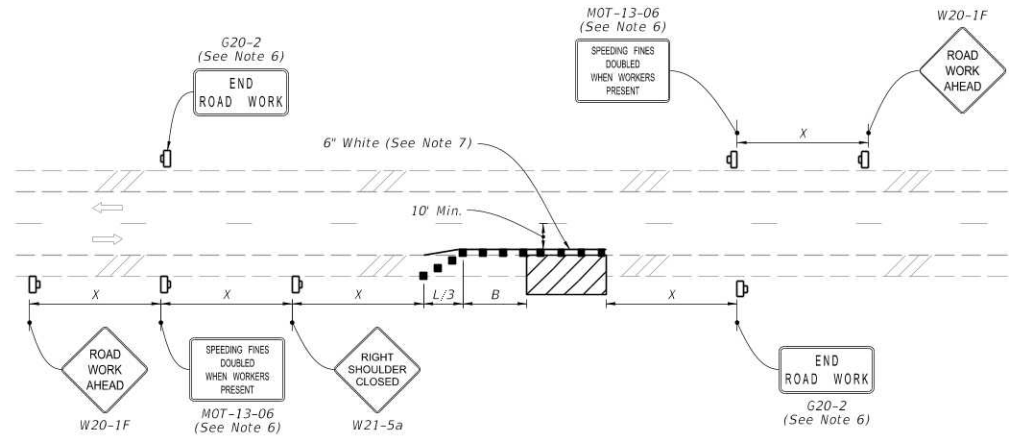
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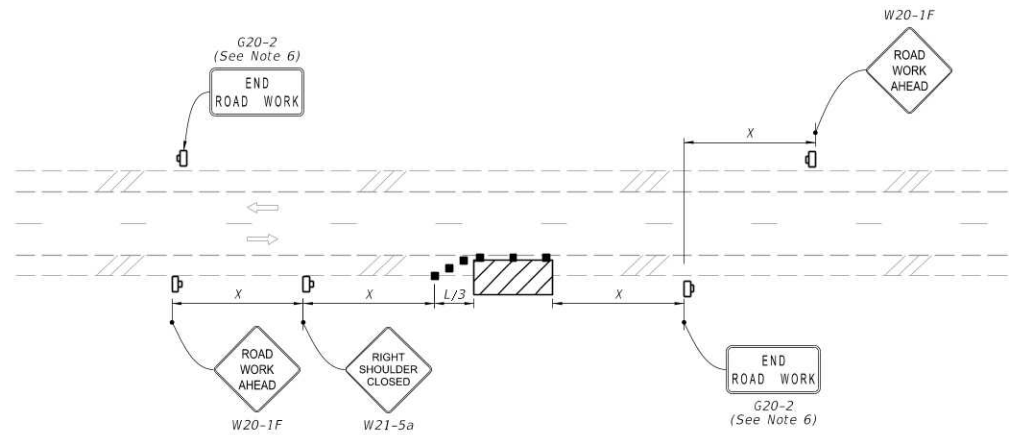
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TWO-LANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



TWO-LANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

9/23 2021 2:40:48 PM

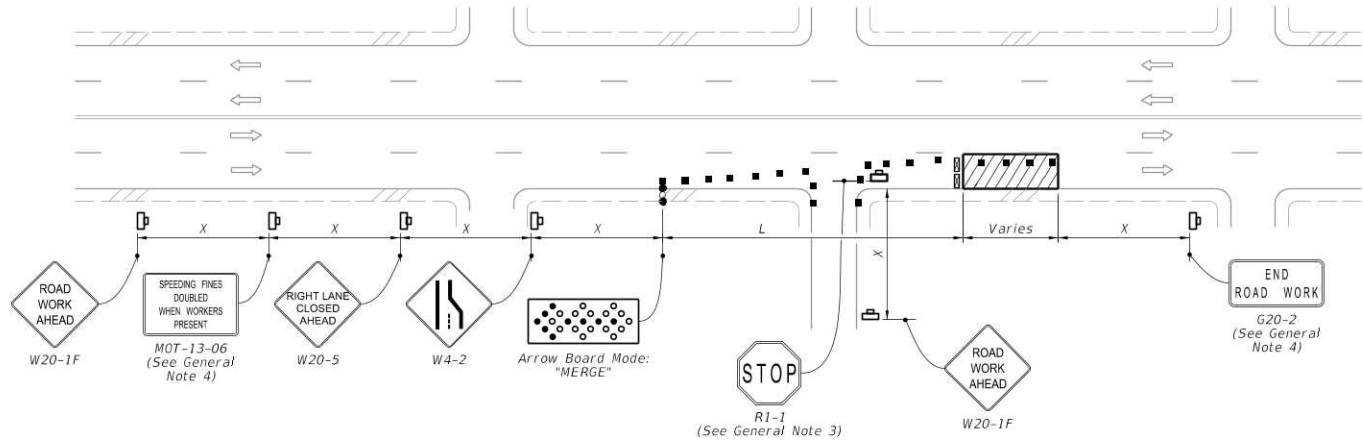
LAST REVISION 11/01/21	DESCRIPTION:	FDOT Mark Meyers	FY 2023-24 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 1 of 2
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NOTE:

Confine work operations to the following lane or lane combinations:

- a. Outside travel lane
- b. Outside auxiliary lane
- c. Outside travel lane and adjoining auxiliary lane
- d. Inside travel lane
- e. Inside auxiliary lane
- f. Inside travel lane and adjoining auxiliary lane

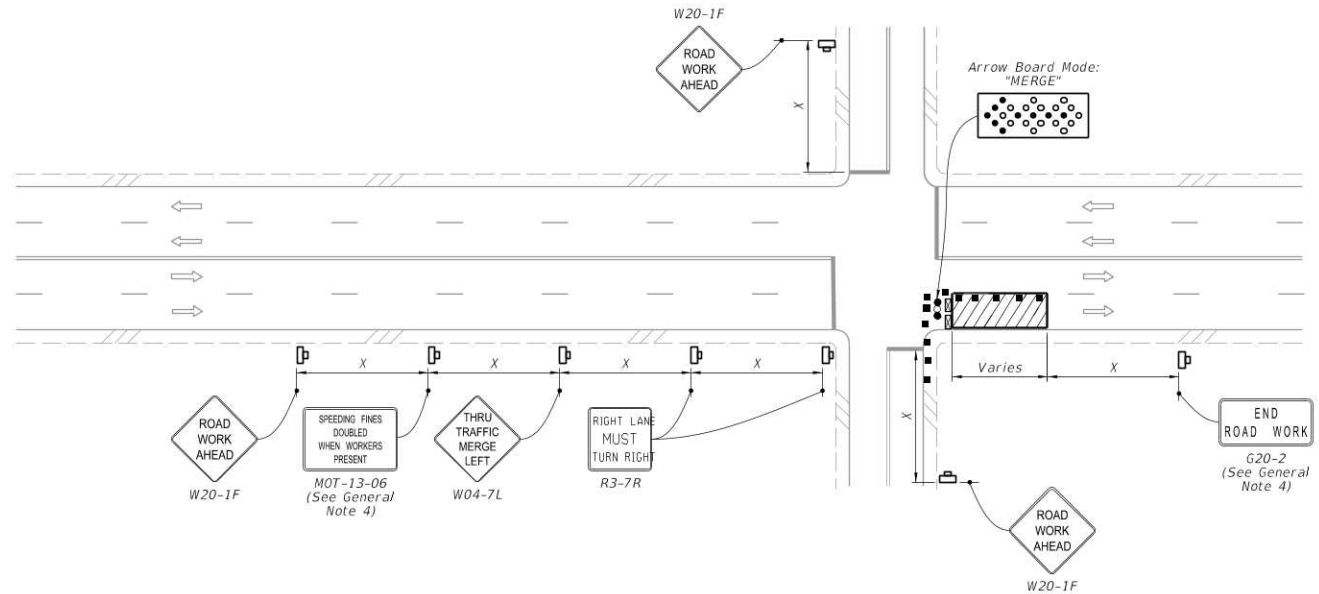
If the work area is confined to an auxiliary lane, the work area must be barricaded. Replace the RIGHT (LEFT) LANE CLOSED AHEAD signs with ROAD WORK AHEAD signs, and omit the merge symbol signs and arrow board.



RIGHT LANE CLOSED ON FAR SIDE OF MINOR SIDE STREET

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Type III Barricade
- Arrow Board
- Stop Bar
- Lane Identification and Direction of Traffic



RIGHT LANE CLOSED ON FAR SIDE OF INTERSECTION WITH SIGNIFICANT RIGHT TURNING MOVEMENTS

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LAST REVISION 11/01/22	DESCRIPTION:	FY 2023-24 STANDARD PLANS	MULTILANE ROADWAY, INTERSECTION WORK	INDEX 102-615	SHEET 2 of 5
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Notes for Figure 6H-19—Typical Application 19 Detour for One Travel Direction

Guidance:

1. *This plan should be used for streets without posted route numbers.*
2. *On multi-lane streets, Detour signs with an Advance Turn Arrow should be used in advance of a turn.*

Option:

3. The STREET CLOSED legend may be used in place of ROAD CLOSED.
4. Additional DO NOT ENTER signs may be used at intersections with intervening streets.
5. Warning lights may be used on Type 3 Barricades.
6. Detour signs may be located on the far side of intersections.
7. A Street Name sign may be mounted with the Detour sign. The Street Name sign may be either white on green or black on orange.

Standard:

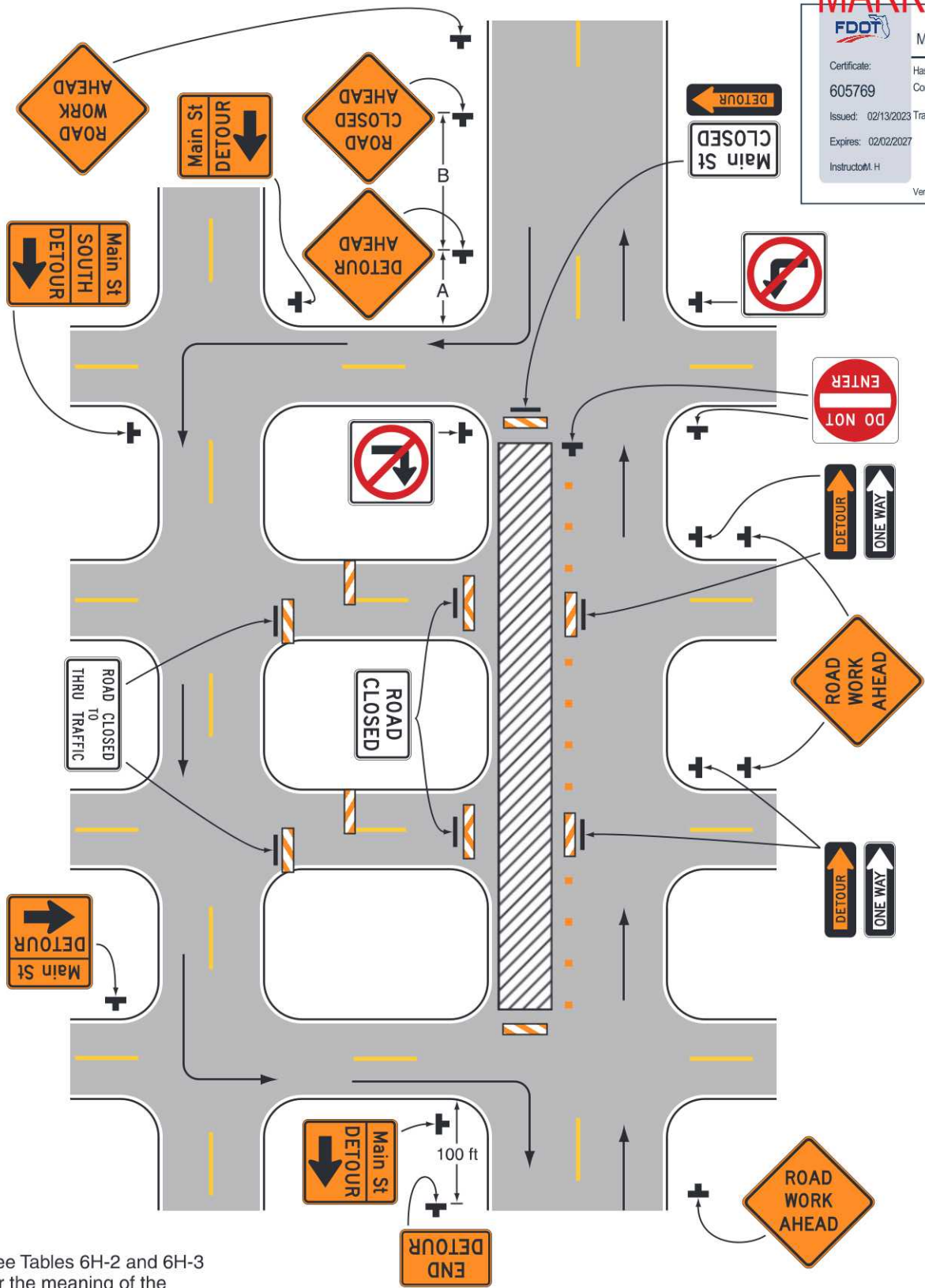
8. **When used, the Street Name sign shall be placed above the Detour sign.**



Figure 6H-19. Detour for One Travel Direction (TA-19)

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Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 19

Notes for Figure 6H-20—Typical Application 20 Detour for a Closed Street

Guidance:

1. *This plan should be used for streets without posted route numbers.*
2. *On multi-lane streets, Detour signs with an Advance Turn Arrow should be used in advance of a turn.*

Option:

3. Flashing warning lights and/or flags may be used to call attention to the advance warning signs.
4. Flashing warning lights may be used on Type 3 Barricades.
5. Detour signs may be located on the far side of intersections. A Detour sign with an advance arrow may be used in advance of a turn.
6. A Street Name sign may be mounted with the Detour sign. The Street Name sign may be either white on green or black on orange.

Standard:

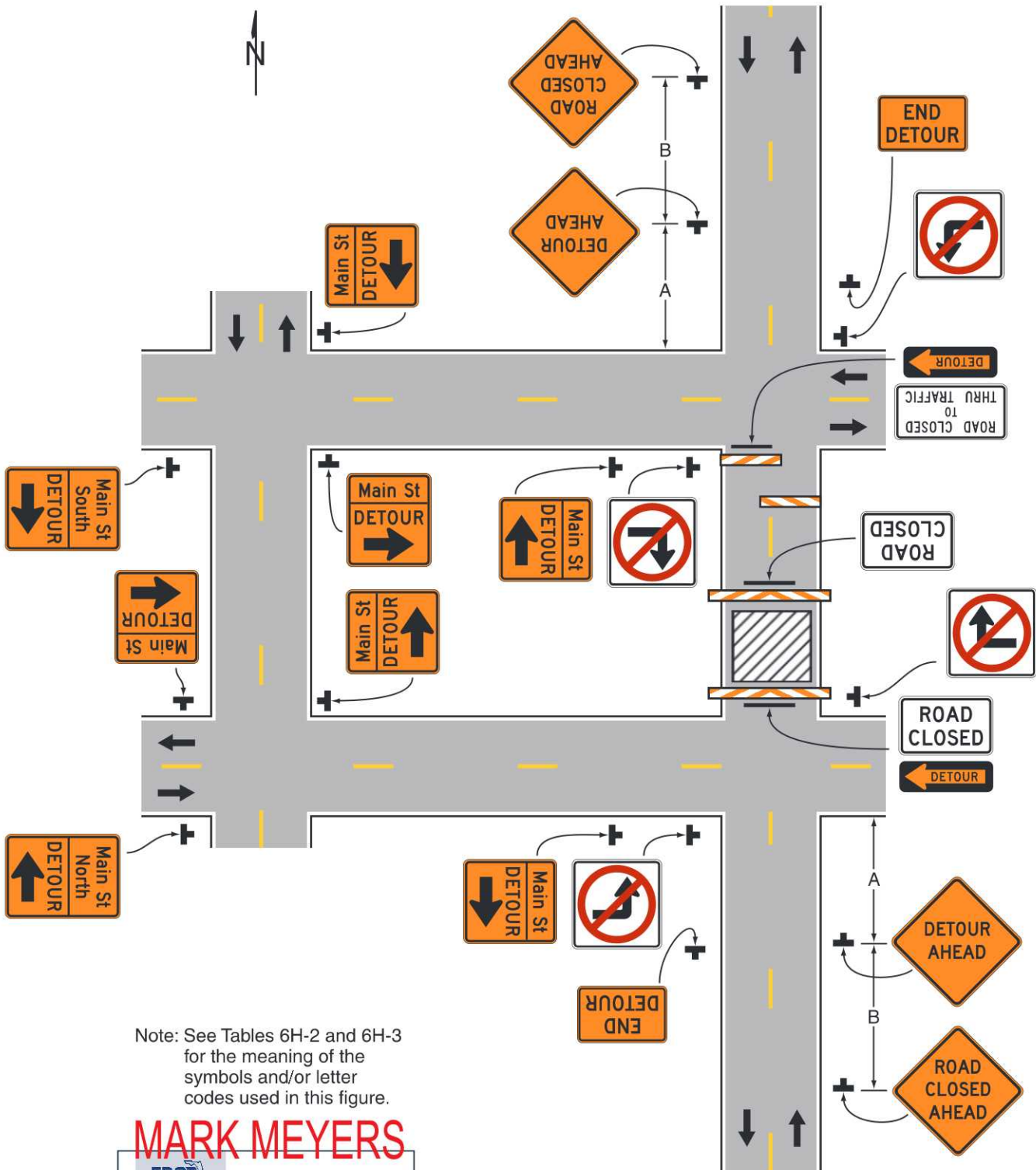
7. **When used, the Street Name sign shall be placed above the Detour sign.**

Support:

8. See Figure 6H-9 for the information for detouring a numbered highway.



Figure 6H-20. Detour for a Closed Street (TA-20)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

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Typical Application 20