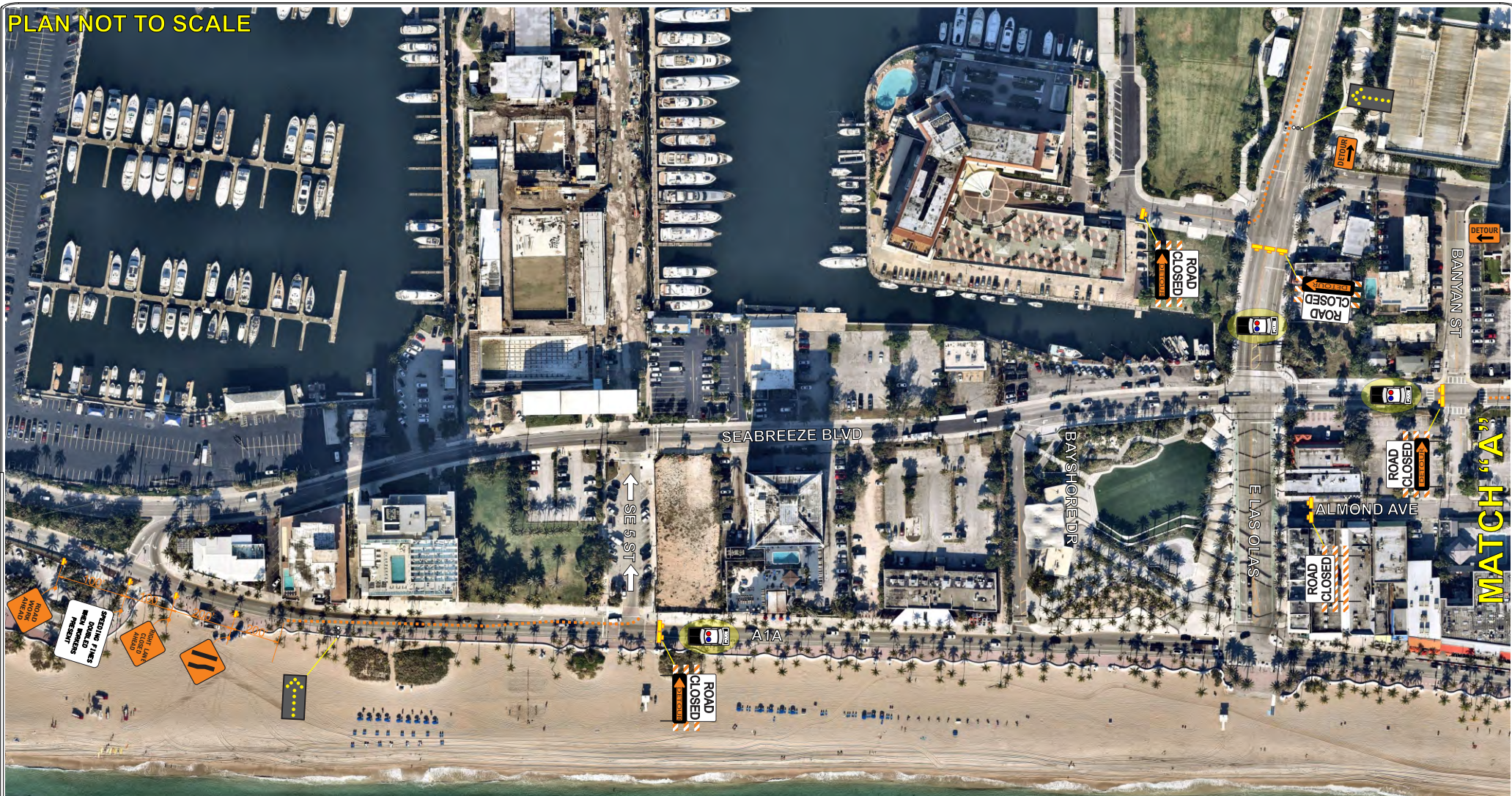


PLAN NOT TO SCALE



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

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.	

**SPEED
LIMIT
30**

TABLE 2 TAPER LENGTH "L"	
Work Zone Speed (mph)	Min. Length (feet)
≤ 40	WS ¹ 60
≥ 45	L = WS 60
Where: W = width of offset in feet S = speed in mph	

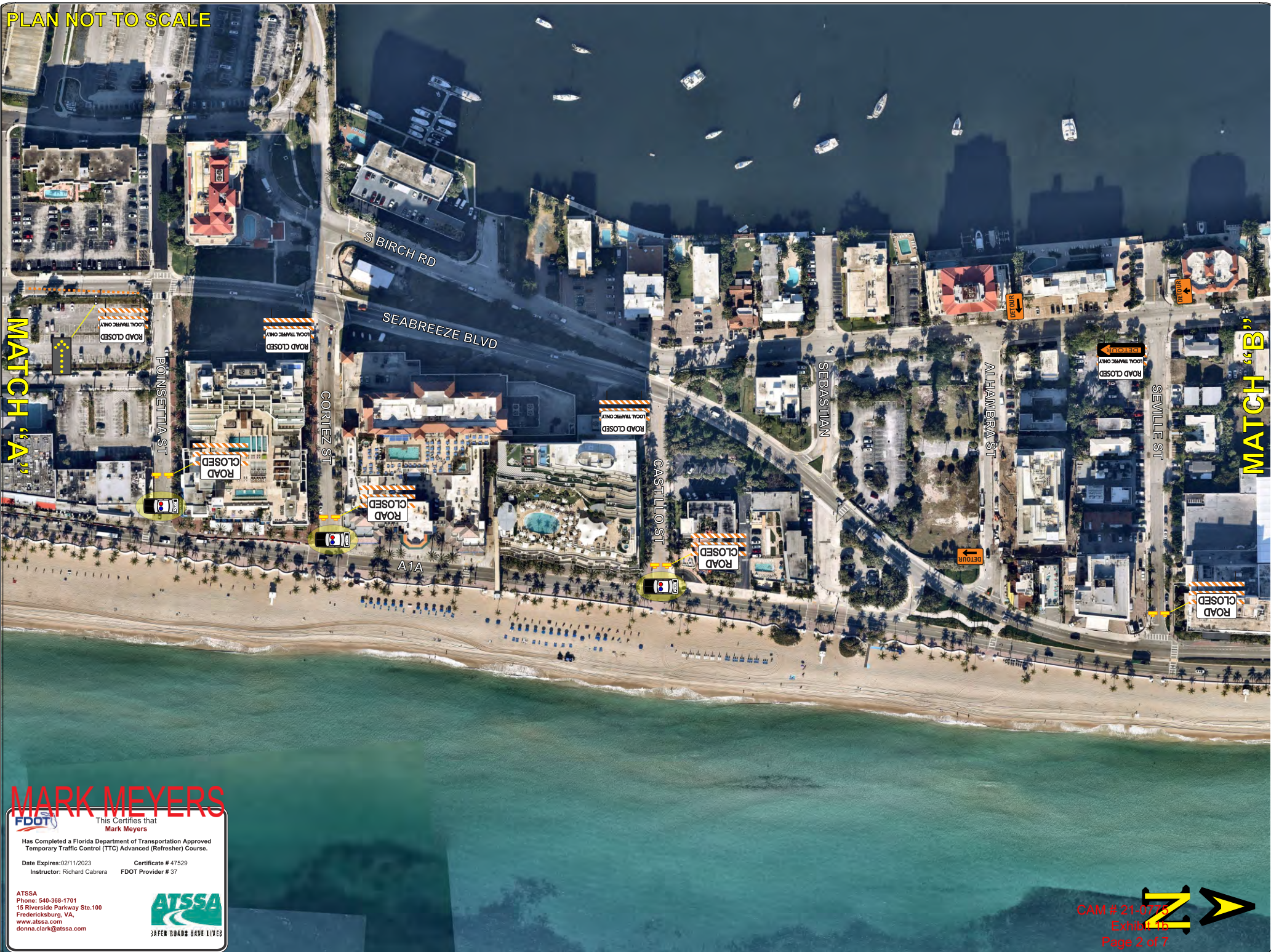
TABLE 4 BUFFER LENGTH "B"	
Work Zone Speed (mph)	Min. Length (feet)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
Note: When Buffer Length "B" cannot be attained due to geometric constraints, use the greatest length possible, but not less than 155 feet.	

CAM # 21-0775
Exhibit 1b
Page 1 of 7

PLAN NOT TO SCALE

MATCH "A"

MATCH "B"



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Page 2 of 7

PLAN NOT TO SCALE

MATCH "B"

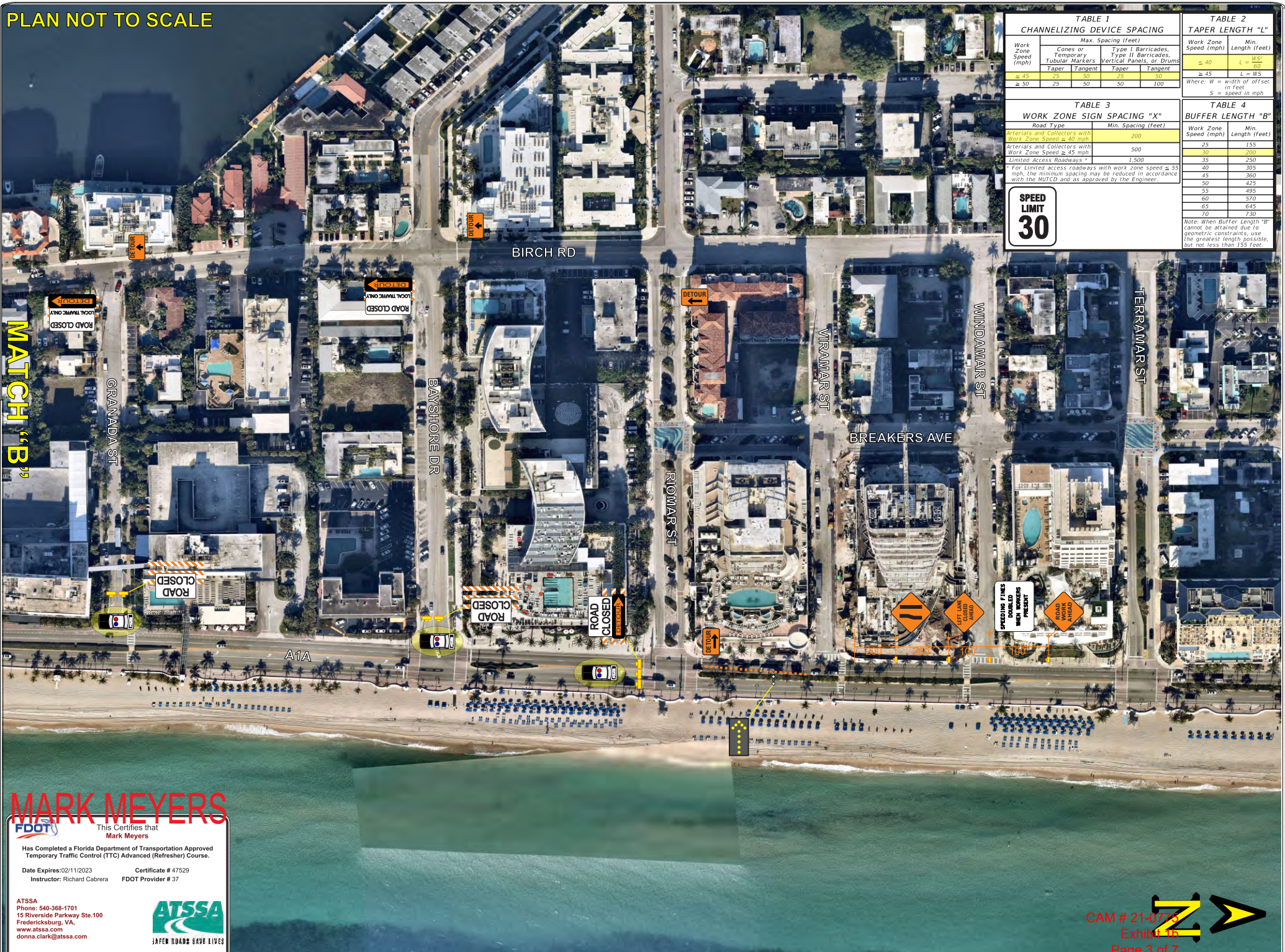
TABLE 1 CHANNELIZING DEVICE SPACING					TABLE 2 BUFFER LENGTH "L"	
Work Zone Speed (mph)	Max. Spacing (feet)				Work Zone Speed (mph)	Min. Length (feet)
	Cones or Temporary Tubular Taper	Type I Barricades, Vertical Panels, or Drums	Type II Barricades, Vertical Panels, or Drums	Taper	Length (feet)	Length (feet)
≤ 45	25	50	25	50	≤ 40	L = WS
≥ 50	25	50	50	100	≥ 45	L = WS

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

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 ≤ 40 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

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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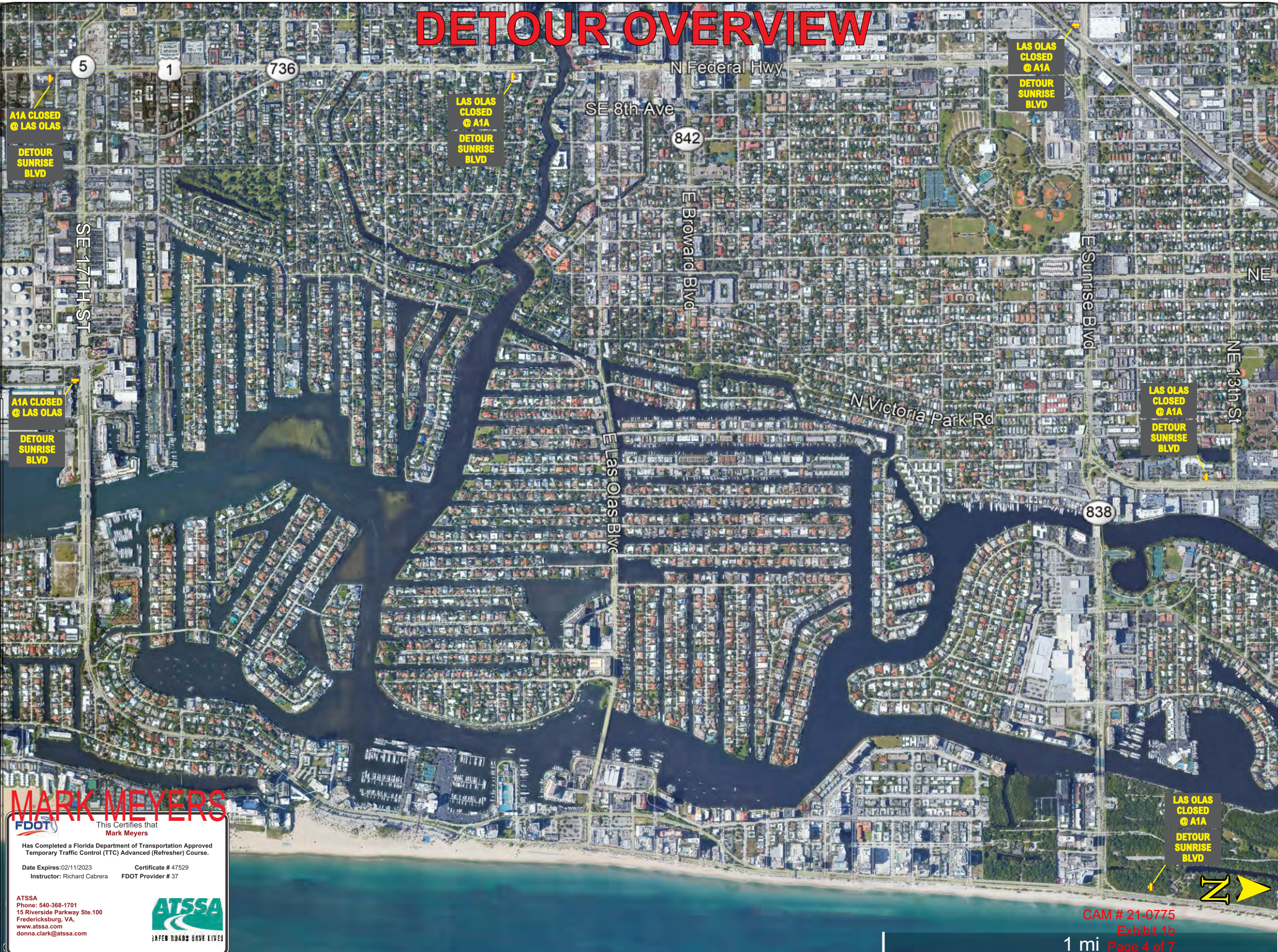
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Page 3 of 7

DETOUR OVERVIEW



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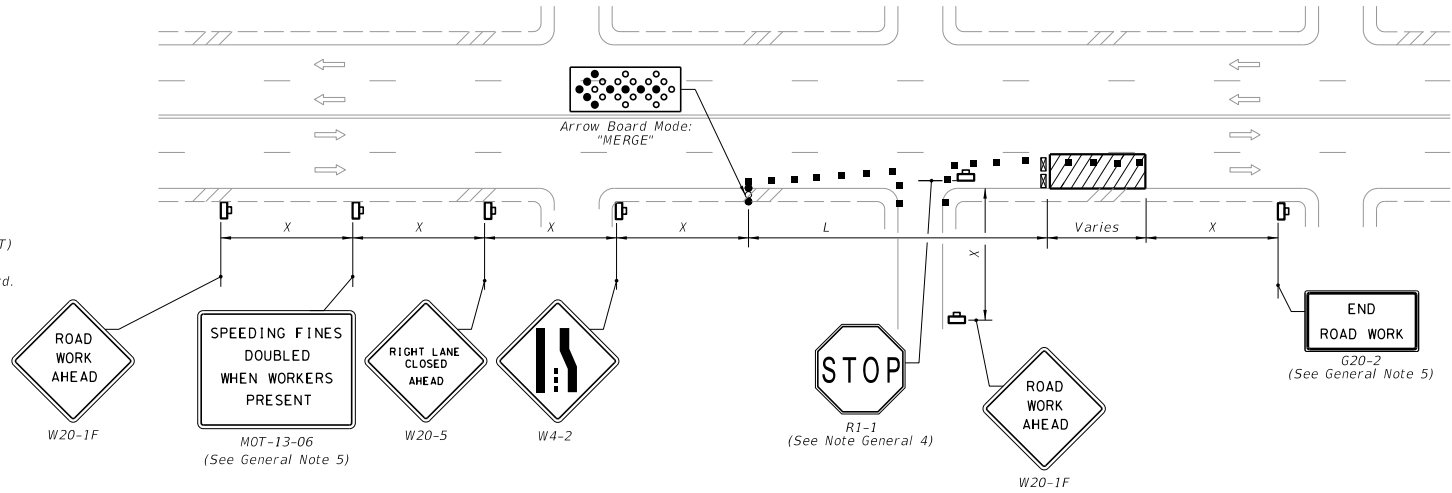
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NOTE:

Confine work operations to the following lane or lane combinations:

- Outside travel lane
- Outside auxiliary lane
- Outside travel lane and adjoining auxiliary lane
- Inside travel lane
- Inside auxiliary lane
- Inside travel lane and adjoining auxiliary lane

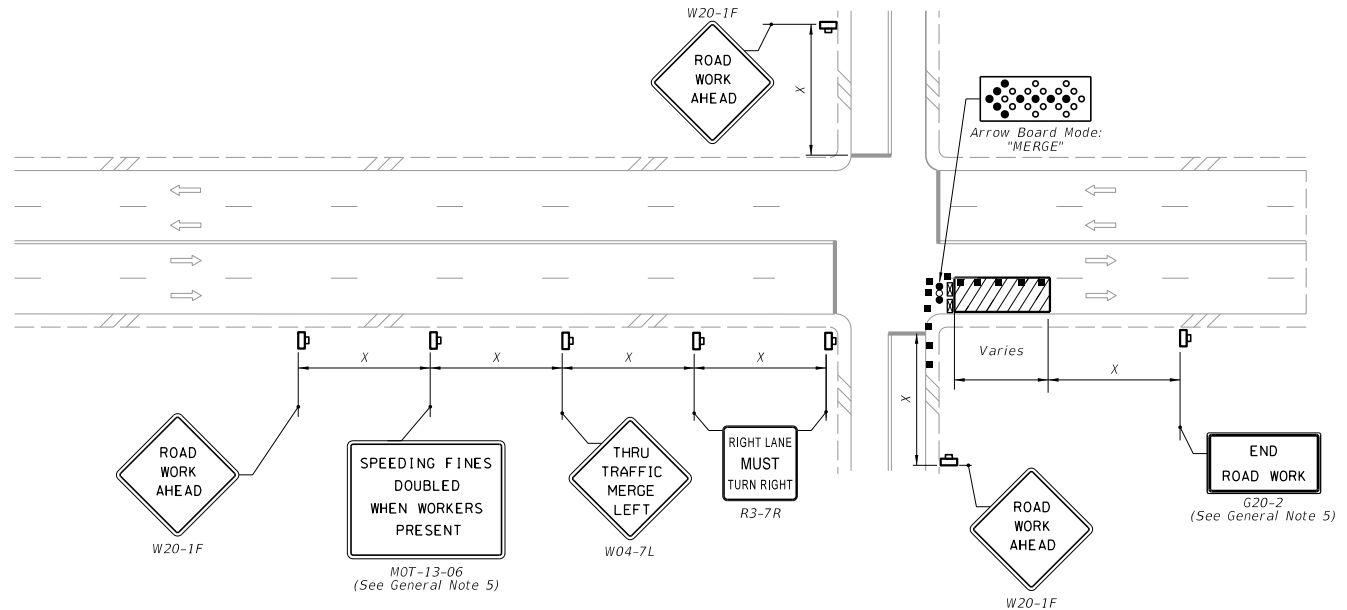
If the work area is confined to an auxiliary lane, the work area must be barricaded. Replace the RIGHT (LEFT) LANE CLOSED AHEAD signs with ROAD WORK AHEAD signs, and omit the merge symbol signs and arrow board.



SYMBOLS:

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

RIGHT LANE CLOSED ON FAR SIDE OF MINOR SIDE STREET



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

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LAST REVISION 11/01/20	DESCRIPTION:	FY 2021-22 STANDARD PLANS	MULTILANE ROADWAY, INTERSECTION WORK	INDEX 102-615	SHEET 2 of 5
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Exhibit 1b
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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.

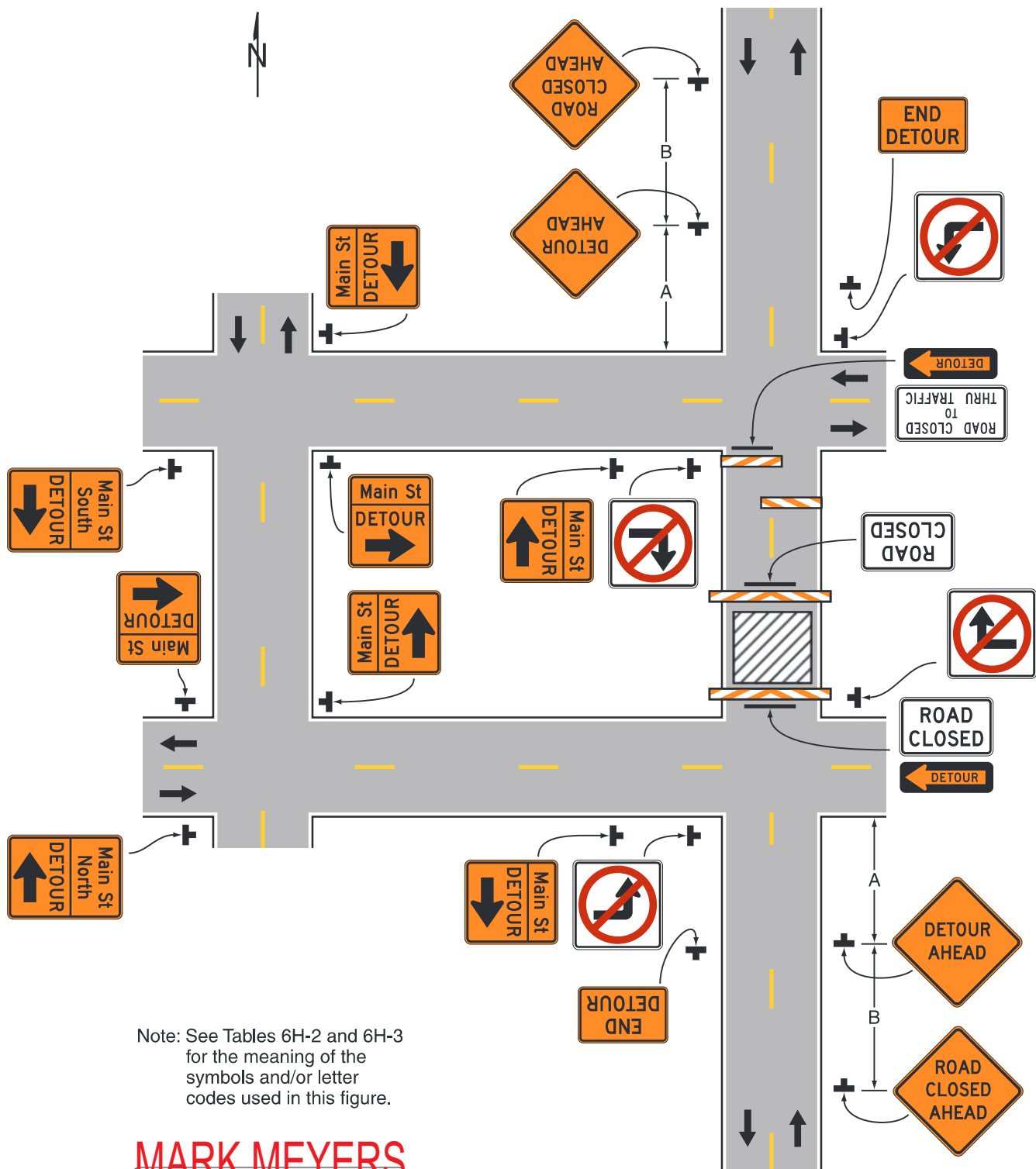


CAM # 21-0775

Exhibit 1b

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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.



Typical Application 20