







## Maintenance of Traffic Application Form

Date 03/08/2019 Broward County Permit Number (if required) 2019-012-MZ<sup>CC</sup>  
 Applicant/Authorized Agent Multiple Myeloma Research Foundation Address 55 E Jackson Blvd Suite 1010  
C/O Event 360, Inc  
 City Chicago State IL Zip 60604 Office # 773-247-5360  
 Mobile # 763-442-1269 E-mail permits@barricades.com  
 Full name and Mobile # of 24 hr Contact Person Kari Johnson 763-442-1269  
 Name of Applicant/Authorized Agent Working under this Approval: All American Barricades

Location of Project: Huizenga Plaza City: Fort Lauderdale  
 Project Boundaries, From Huizenga Plaza To Huizenga Plaza

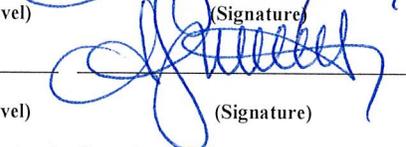
Description of Work: Special event - 5k Run/Walk along attached route.

Proposed Start Date: 03/24/2019 Proposed Completion Date: 03/24/2019

**Authorized Contractor's Representative**

<u>Alicia Garces</u>		<u>03/08/2019</u>
(Print Name)	(Signature)	(Date)

**A copy of the certification card(s) shall be included with every MOT Plan**

<u>Alicia Garces</u>	<u>ADV</u>		<u>03/08/2019</u>
(Print Name of Certified Person Submitting MOT)	(Level)	(Signature)	(Date)
<u>Alicia Garces</u>	<u>ADV</u>		<u>03/08/2019</u>
(Print Name of Certified Person Setting Up MOT)	(Level)	(Signature)	(Date)
<u>See attached</u>	<u>See attached</u>	<u>See attached</u>	<u>See attached</u>
(Print Name of Certified Person Maintaining MOT)	(Level)	(Signature)	(Date)
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
(Print Name of Certified Person in Charge of Flagging Operation MOT)	(Level)	(Signature)	(Date)

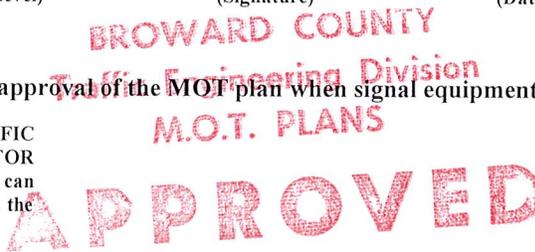
The following document will be required prior to the approval of the MOT plan when signal equipment is impacted:

A filled out and signed form of ACCEPTANCE OF TRAFFIC SIGNAL MAINTENANCE AND TIMING BY CONTRACTOR DURING CONSTRUCTION AND BURN-IN PERIOD. The form can be downloaded under the category of Maintenance of Traffic in the webpage of

<http://www.broward.org/Traffic/Pages/Publications.aspx>

G:\STUDIES\MOT\MOT Application Form\MOT Application Form 11-15-18.doc

Page 3



By [Signature]  
 Date 03/14/19 Revised 11/18  
 Remarks see letter.



PUBLIC WORKS DEPARTMENT  
**TRAFFIC ENGINEERING DIVISION**

2300 W. Commercial Boulevard • Fort Lauderdale, Florida 33309 • 954-847-2600

March 14, 2019

Jane Hoffmann  
Associate Director, Team for Cures  
Multiple Myeloma Research Foundation  
383 Main Avenue, 5<sup>th</sup> Floor  
Norwalk, CT 06851

RE: South Florida 5K Run/Walk (Fort Lauderdale)

Dear Ms. Hoffmann,

This is in response to your submittal to the Broward County Traffic Engineering Division (BCTED) regarding the approval of the Maintenance of Traffic plan for South Florida 5K Run/Walk which will be held on March 24, 2019. BCTED reviewed and approved this plan. Please note that following comments are applied with this approval:

- Any traffic control devices should be set up in accordance with MUTCD and Florida Department of Transportation (FDOT) Design Standards;
- BCTED's review and approval is only for the City and County right-of-way within the City of Fort Lauderdale;
- Road closure of any city streets should be approved by the City of Fort Lauderdale;
- The installation of temporary traffic control devices on any state streets should be approved by FDOT;
- Broward County Transit review and approval of any bus route diversion is required;
- Please use the approved message provided by BCTED on all PCMSs; and
- The confirmation letter from the United States Coast Guard regarding the closure for the SE 3 Avenue Bridge is required and should be attached to the MOT package.

Should you have any further questions please call me at any time at 954-847-2653.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Lei Cai", with a stylized flourish at the end.

Lei Cai  
LC/lc

G:\STUDIES\MOT\Mot\_Letters\South Florida 5K Run-Walk March 24 2019 (Fort Lauderdale)-03-14-19.docx

Broward County Board of County Commissioners  
Mark D. Bogen • Lamar P. Fisher • Beam Furr • Steve Geller • Dale V.C. Holness • Nan H. Rich • Tim Ryan • Barbara Sharief • Michael Udine  
Broward.org



PUBLIC WORKS AND TRANSPORTATION DEPARTMENT  
**TRAFFIC ENGINEERING DIVISION**

2300 W. Commercial Boulevard • Fort Lauderdale, Florida 33309 • 954-847-2600 • FAX 954-735-8564

## **Variable Message Signs Approved Message**

**Message 1**

**SE 3 Ave  
Closed**

**Message 2**

**00/00/19**

**0:00 AM**

**0:00 AM**



MULTIPLE MYELOMA  
Research Foundation

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Mr. Lei Cai  
Broward County Public Works Department.  
2300 W. Commercial Blvd.  
Fort Lauderdale, Florida 33309

RE: Application for March 24, 2019 MMRF Team for Cures: South Florida 5K Run/Walk

Dear Mr. Cai:

My name is Jane Hoffman and I am the Associate Director, Team for Cures for the Multiple Myeloma Research Foundation Team for Cures: South Florida 5K Run/Walk.

Please note that All American Barricades will set up and maintain the traffic plan according to the Florida Department of Transportation and Manual on Uniform Traffic Control Device Standards.

Multiple Myeloma Research Foundation will also hire local police and/or approved security officers to supplement this MOT plan.

Sincerely,

A handwritten signature in black ink that reads "Jane Hoffmann".

Jane Hoffmann

Associate Director, Team for Cures  
Multiple Myeloma Research Foundation  
383 Main Avenue, 5th Floor  
Norwalk, CT 06851  
Direct: 203.652.0226  
Mobile: 203.391.4053



## OFFICIAL SPECIAL EVENT PERMIT

Event Name: MMRF Team for Cures 5K

Organizer Name: Multiple Myeloma Research Foundation

Phone #: 763-442-1269

Event Location: Huizenga Park

Event Date: Sunday, March 24, 2019

Event Time: 7:00am - 11:00am

Road Closures: Yes - East Las Olas at SE 6th to SE 2nd at South Federal Hwy to Andrews Avenue

Approved By: *Barbara Smith*

Permit #: 19-0061



This Certifies that  
**Alicia Garces**

Has Completed a Florida Department of Transportation Approved  
Temporary Traffic Control (TTC) Advanced (Refresher) Course.

Date Expires: 02/05/2022      Certificate # 35811  
Instructor: Richard Cabrera      FDOT Provider # 37

**ATSSA**  
Phone: 810-358-1701  
15 Riverside Parkway Ste 400  
Friedrichsburg, VA,  
www.atssa.com  
donna.dbrt@atssa.com



SAFER ROADS SAVE LIVES

Patrick Constantine TCS P. Constantine 3/8/19  
 (Print Name of Certified Person Setting Up MOT) (Level) (Signature) (Date)  
 Patrick Constantine TCS P. Constantine 3/8/19  
 (Print Name of Certified Person Maintaining MOT) (Level) (Signature) (Date)  
 (Print Name of Certified Person in Charge of Flagging Operation MOT) (Level) (Signature) (Date)

**FDOT** This Certifies that Patrick A. Constantine  
 Has Completed a Florida Department of Transportation Approved Maintenance of Traffic (MOT) Advanced Course.  
 Date Expires 04/16/2019 Certificate # 6744  
 Instructor Richard Cabrera FDOT Provider # 37  
 ATSSA  
 Phone: 540-368-1701  
 15 Riverside Parkway Ste.100  
 Fredericksburg, FL  
 www.atssa.com  
 donna.clark@atssa.com  
  
 SAFER ROADS SAVE LIVES

Meek Vernon TCS mvernon 3/8/19  
 (Print Name of Certified Person Setting Up MOT) (Level) (Signature) (Date)  
 Meek Vernon TCS mvernon 3/8/19  
 (Print Name of Certified Person Maintaining MOT) (Level) (Signature) (Date)  
 (Print Name of Certified Person in Charge of Flagging Operation MOT) (Level) (Signature) (Date)

**FDOT** This Certifies that Meek O. Vernon  
 Has Completed a Florida Department of Transportation Approved Maintenance of Traffic (MOT) Advanced Course.  
 Date Expires: 11/02/2020 Certificate # 22518  
 Instructor: Richard Cabrera FDOT Provider # 37  
 ATSSA  
 Phone: 540-368-1701  
 15 Riverside Parkway Ste.100  
 Fredericksburg, VA,  
 www.atssa.com  
 donna.clark@atssa.com  
  
 SAFER ROADS SAVE LIVES

Marc McFarlane TCS M. McFarlane 3/8/19  
 (Print Name of Certified Person Setting Up MOT) (Level) (Signature) (Date)  
 Marc McFarlane TCS M. McFarlane 3/8/19  
 (Print Name of Certified Person Maintaining MOT) (Level) (Signature) (Date)  
 (Print Name of Certified Person in Charge of Flagging Operation MOT) (Level) (Signature) (Date)

Mark McFarlane TCS Mark McFarlane 3/8/19  
 (Print Name of Certified Person Setting Up MOT) (Level) (Signature) (Date)  
 Mark McFarlane TCS Mark McFarlane 3/8/19  
 (Print Name of Certified Person Maintaining MOT) (Level) (Signature) (Date)  
 (Print Name of Certified Person in Charge of Flagging Operation MOT) (Level) (Signature) (Date)

**FDOT** This Certifies that Marc A. McFarlane  
 Has Completed a Florida Department of Transportation Approved Maintenance of Traffic (MOT) Advanced Course.  
 Date Expires 04/07/2020 Certificate # 16303  
 Instructor Richard Cabrera FDOT Provider # 37  
 ATSSA  
 Phone: 540-368-1701  
 15 Riverside Parkway Ste.100  
 Fredericksburg, VA, FL  
 www.atssa.com  
 donna.clark@atssa.com  
  
 SAFER ROADS SAVE LIVES

**FDOT** This Certifies that Mark McFarlane  
 Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced Course.  
 Date Expires: 02/07/2022 Certificate # 36064  
 Instructor: Richard Cabrera FDOT Provider # 37  
 ATSSA  
 Phone: 540-368-1701  
 15 Riverside Parkway Ste.100  
 Fredericksburg, VA,  
 www.atssa.com  
 donna.clark@atssa.com  
  
 SAFER ROADS SAVE LIVES

## ROUTE SCHEDULE

Route begins at Huizenga Plaza on E Las Olas Blvd, East of S Andrews Ave

- Route heads East on on E Las Olas Blvd
- South on SE 3 Ave
- East on Se 6 St
- North on S Federal Hwy
- East on N Rio Vista Blvd
- (Water station 1) South on SE 9 Ave
- East on SE 6 St

### Return Route

- Route heads North on Rio Vista Blvd which curves East
- Crosses over S Federal Hwy
- Connects to S Riverwalk S (Water station 2)
- South on SE 5 Ave
- West on SE 6 St
- North on SE 3 Ave
- East on E Las Olas Blvd
- South on SE 5 Ave/ N New River Dr E (Water station 3)
- **End at Huizenga Plaza**

03/14/19  
\*see letter.

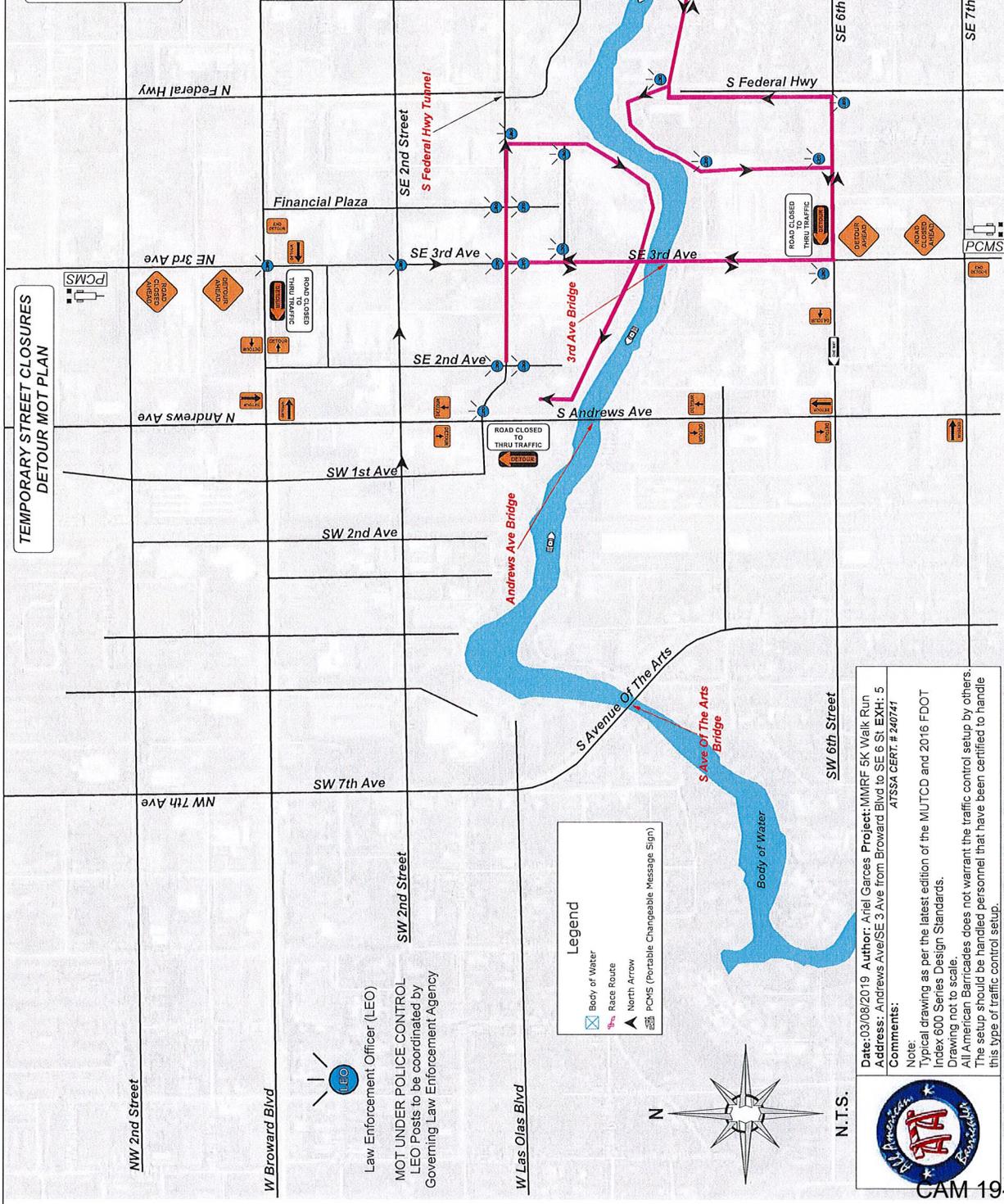
www.invision.com

**TEMPORARY STREET CLOSURES  
DETOUR MOT PLAN**

- General Traffic Plan (MOT) Notes:
1. Copy of approved 11 x 17 MOT drawing to be maintained onsite by contractor at all times.
  2. No changes to MOT drawing without prior consent of the approving government agency.
  3. Access shall be given to local residents and emergency response vehicles.
  4. Accommodations to be made for Pedestrian traffic should the work be in conflict with pathways(s). Refer to the 2016 FDOT Design Standards Index 660 for specifications.
  5. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD).

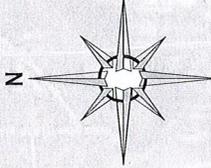
**DISTANCE BETWEEN SIGNS**

Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350
50 mph	500	500	500
*55 mph or greater	2640	1640	1000



**Legend**

- Body of Water
- Race Route
- North Arrow
- PCHS (Portable Changeable Message Sign)



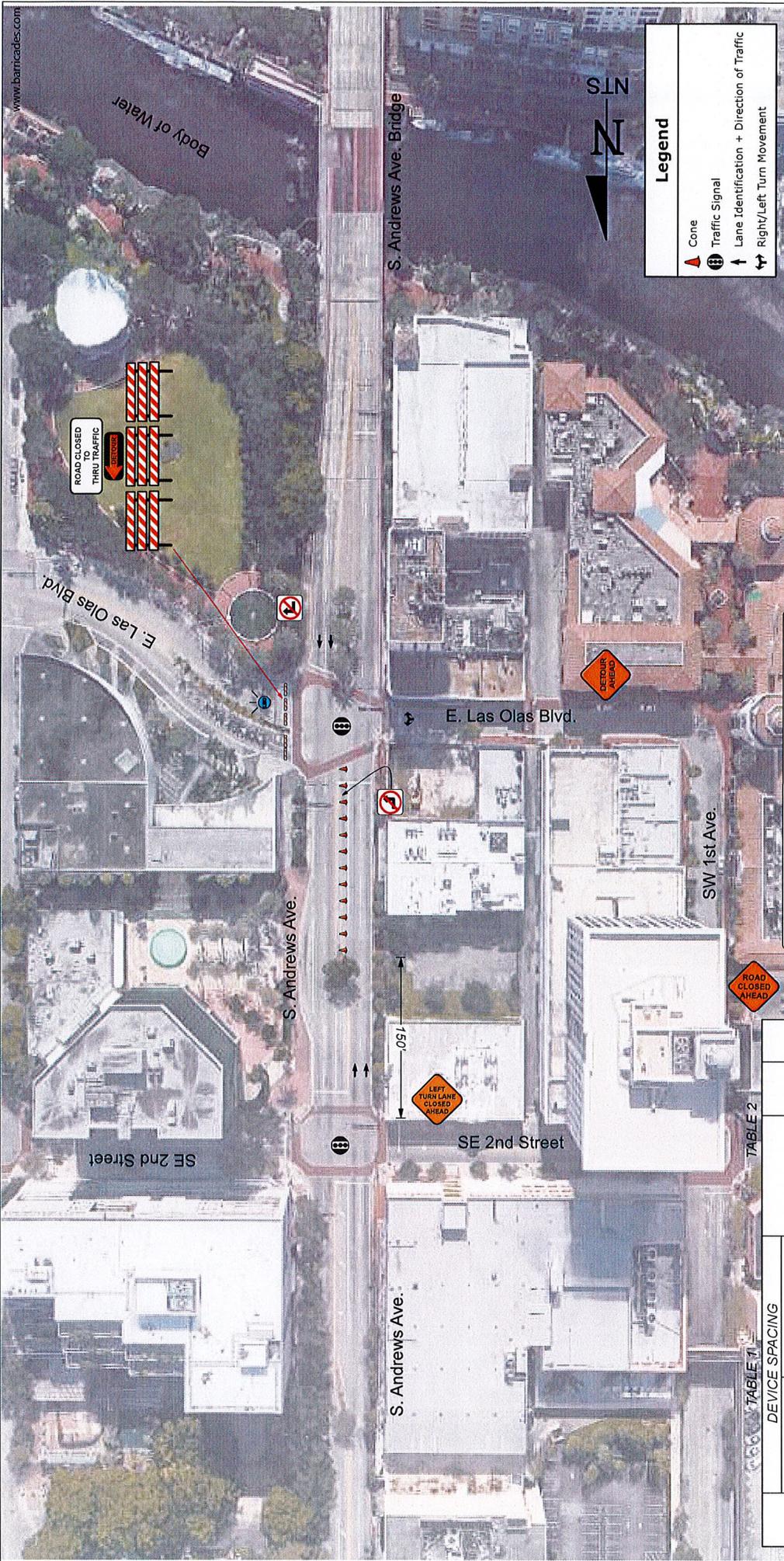
N.T.S.

**Date:** 03/08/2019 **Author:** Ariel Garces **Project:** MMRF 5K Walk Run  
**Address:** Andrews Ave/SE 3 Ave from Broward Blvd to SE 6 St. **EXH:** 5  
**ATSSA CERT. #** 240741

**Comments:**  
 Note: Typical drawing as per the latest edition of the MUTCD and 2016 FDOT Index 600 Series Design Standards.  
 Drawing not to scale.  
 All American Barricades does not warrant the traffic control setup by others. The setup should be handled personnel that have been certified to handle this type of traffic control setup.



**Law Enforcement Officer (LEO)**  
 MOT UNDER POLICE CONTROL  
 LEO Posts to be coordinated by  
 Governing Law Enforcement Agency



**Legend**

- Cone
- Traffic Signal
- Lane Identification + Direction of Traffic
- Right/Left Turn Movement

**Date:** 02/28/2019 **Author:** Ariel Garces Project: Multiple Myeloma Research Foundation C/O Event 360, Inc.  
**Address:** S Andrews Ave & E Las Olas Blvd EXH: 1  
**Comments:** ATSSA # 16752  
**NOTE:** Typical drawing as per the latest edition of the MUTCD and FY2017-18 FDOT Index 600 Series Design Standards.  
 Drawing no to scale.  
 All American Barricades does not warrant the traffic control setup by others. The setup must be handled by personnel certified and licensed to handle traffic control

- General Traffic Plan (MOT) Notes:**
1. Copy of approved 11 x 17 (TCP) MOT drawing to be maintained onsite by contractor at all times.
  2. No changes to TCP/MOT drawing without prior consent of the approving government agency and All American Barricades.
  3. Access shall be given to local residents, public transportation and emergency services.
  4. Accommodations to be made for Pedestrian traffic should the work be in conflict with pathway(s). Refer to the FY 2017-18 FDOT Design Standards Index 660 for specifications.
  5. All equipment shall conform to the latest Manual On Uniform Traffic Control Devices (MUTCD) and the latest MUTCD FDOT AP.
  6. Field conditions to be considered when placing MOT devices.
  7. TCP/MOT Plan NOT TO SCALE. Refer to FDOT Index 600 Series Distance and Placement Signage for device spacing and placement information.
  8. Posted Regulatory Speed Limit to be considered for device placement and spacing.
  9. MOT device(s) placement on plans are an approximate.
  10. PLANS NOT TO SCALE.

**TABLE 1**

Posted Speed	Maximum Spacing of Cones or Tubular Markers				Maximum Spacing of Type I or Type II Barricades/Paradeis/Chums				Distance Between Signs				Buffer Space	Taper Space
	On a Taper	On a Tangent	On a Taper	On a Tangent	A	B	C	D	A	B	C	D		
25	20'	50'	20'	50'	200'	200'	200'	100'	155'	200'	200'	100'	125'	125'
30	20'	50'	20'	50'	200'	200'	200'	100'	200'	200'	200'	100'	180'	180'
35	20'	50'	20'	50'	200'	200'	200'	100'	250'	200'	200'	100'	245'	245'
40	20'	50'	20'	50'	200'	200'	200'	100'	305'	200'	200'	100'	320'	320'
45	20'	50'	20'	50'	350'	350'	350'	175'	360'	350'	350'	150'	540'	540'
50	20'	50'	20'	50'	500'	500'	500'	250'	425'	500'	500'	250'	600'	600'
55	20'	50'	20'	50'	1000'	1000'	1000'	500'	495'	1000'	1000'	500'	660'	660'
60	20'	50'	20'	50'	1500'	1500'	1500'	500'	570'	1500'	1500'	500'	720'	720'
65	20'	50'	20'	50'	2000'	2000'	2000'	500'	645'	2000'	2000'	500'	780'	780'
70	20'	50'	20'	50'	2640'	2640'	2640'	500'	730'	2640'	2640'	500'	840'	840'

**TABLE 2**

**DEVICE SPACING**

**TABLE 3**

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**TABLE 670**

**TABLE 671**

**TABLE 672**



### 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.

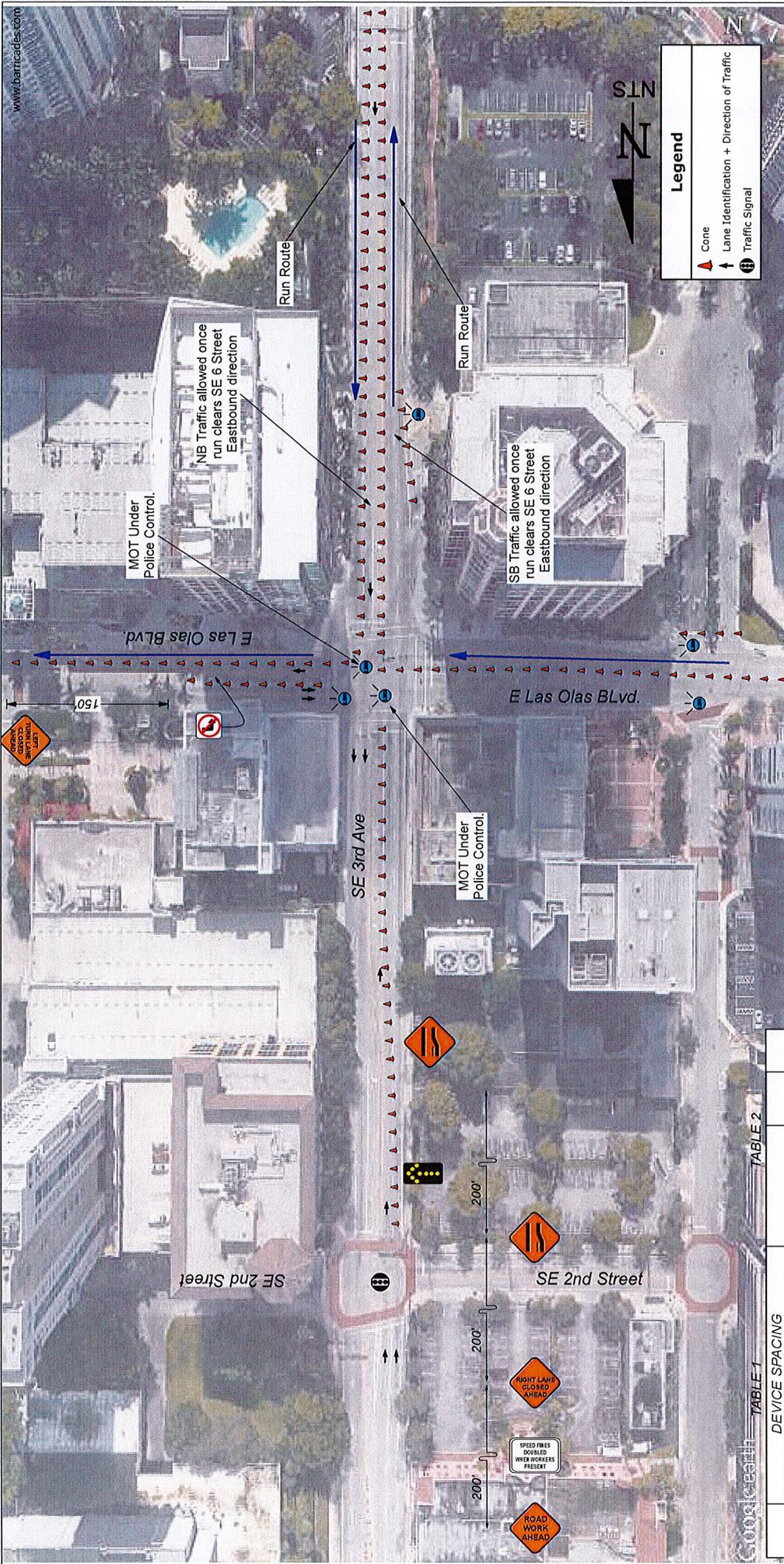
**ARIEL GARCES**  
 ALL AMERICAN BARRICADES, CORP.  
 ATSSA CERTIFICATE #16752

BROWARD COUNTY  
 Traffic Engineering Division  
 M.O.T. PLANS

**APPROVED**

By \_\_\_\_\_  
 Date 03/14/19  
 Remarks see letter





**Legend**

- Cone
- Lane Identification + Direction of Traffic
- Traffic Signal

**Date:** 02/28/2019 **Author:** Ariel Garces **Project:** Multiple Myeloma Research Foundation C/O Event 360, INC.

**Comments:**  
 Address: Se 3rd Ave & E Las Olas Blvd EXH: 2  
 ATSSA # 18752 NOTE:  
 Typical drawing as per the latest edition of the MUTCD and FY2017-18 FDOT Index 600 Series Design Standards.  
 Drawing no to scale.  
 All American Barricades does not warrant the traffic control setup by others.  
 The setup must be handled by personnel certified and licensed to handle traffic control.



**General Traffic Plan (MOT) Notes:**

- Copy of approved 11' x 17' (TCP) MOT drawing to be maintained onsite by contractor at all times.
- No changes to TCP/MOT drawing without prior consent of the approving government agency and All American Barricades.
- Access shall be given to local residents, public transportation and emergency vehicles.
- Locations to be used for Pedestrian traffic should be in conflict with pathway(s). Refer to the FY 2017-18 FDOT Design Standards Index 660 for specifications.
- All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD), FDOT, AAS and permit approving agency.
- Field placement of cones and tubular markers shall refer to FDOT Index 600 Series Distance Charts for device spacing and placement information.
- Posted Regulatory Speed Limit to be considered for device placement and spacing.
- MOT equipment placement on plans are an approximate.
- PLANS NOT TO SCALE.

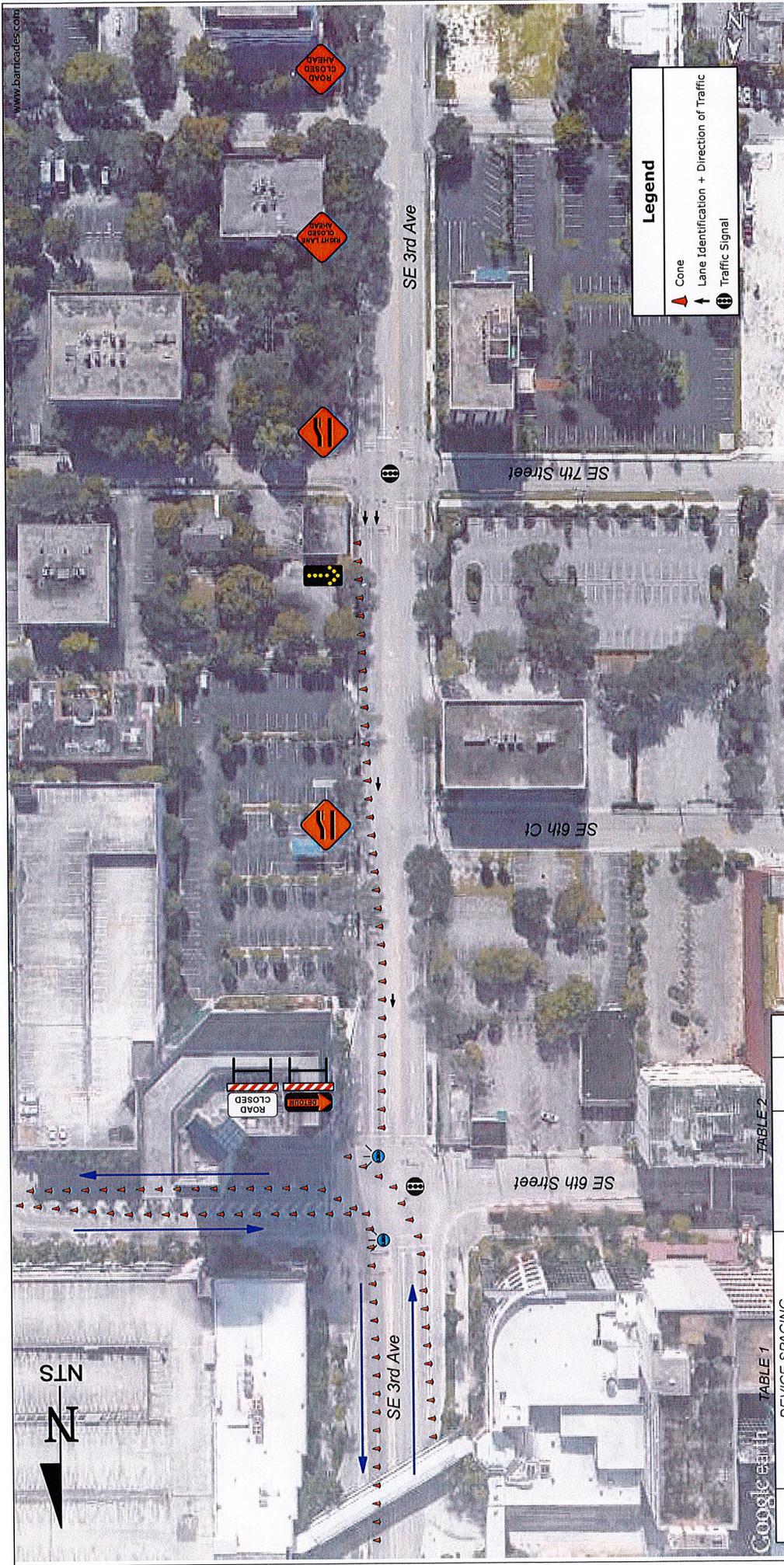
**TABLE 1**

**DEVICE SPACING**

Posted Speed	Maximum Spacing of Cones or Tubular Markers		Distance Between Signs				Buffer Space	Taper Space
	On a Taper	On a Tangent	A	B	C	D		
25	20'	20'	200'	200'	200'	100'	155'	125'
30	20'	20'	200'	200'	200'	100'	200'	180'
35	20'	20'	200'	200'	200'	100'	250'	245'
40	20'	20'	200'	200'	200'	100'	305'	320'
45	20'	20'	200'	200'	200'	100'	360'	540'
50	20'	20'	200'	200'	200'	100'	425'	600'
55	20'	20'	200'	200'	200'	100'	495'	660'
60	20'	20'	200'	200'	200'	100'	570'	720'
65	20'	20'	200'	200'	200'	100'	645'	780'
70	20'	20'	200'	200'	200'	100'	730'	840'

03/14/19  
 \* see letter





www.barricades.com

**Legend**

- Cone
- Lane Identification + Direction of Traffic
- Traffic Signal

- General Traffic Plan (MOT) Notes:
1. Copy of approved 11 x 17 (TCP) MOT drawing to be maintained onsite by contractor at all times.
  2. No changes to TCP/MOT drawing without prior consent of the approving government agency and All American Barricades.
  3. Access shall be given to local residents, public transportation and emergency vehicles to be made for Pedestrian traffic should the work be in conflict with pathway(s). Refer to the FY 2017-18 FDOT Design Standards Index 600 for specifications.
  4. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD) and FY2017-18 FDOT Index 600 Series Standards. Field conditions to be considered when placing MOT devices.
  5. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD) and FY2017-18 FDOT Index 600 Series Standards. Charts for device spacing and placement information.
  6. Posted Regulatory Speed Limit to be considered for device placement and MOT device(s) placement on plans are an approximate.
  7. TCP/MOT Plan NOT TO SCALE. Refer to FDOT Index 600 Series Distance and Placement Information.
  8. Posted Regulatory Speed Limit to be considered for device placement and MOT device(s) placement on plans are an approximate.
  9. MOT device(s) placement on plans are an approximate.
  10. PLANS NOT TO SCALE.



**Date:** 02/28/2019 **Author:** Aniel Garces **Project:** Multiple Myeloma Research Foundation C/O Event 360, Inc.

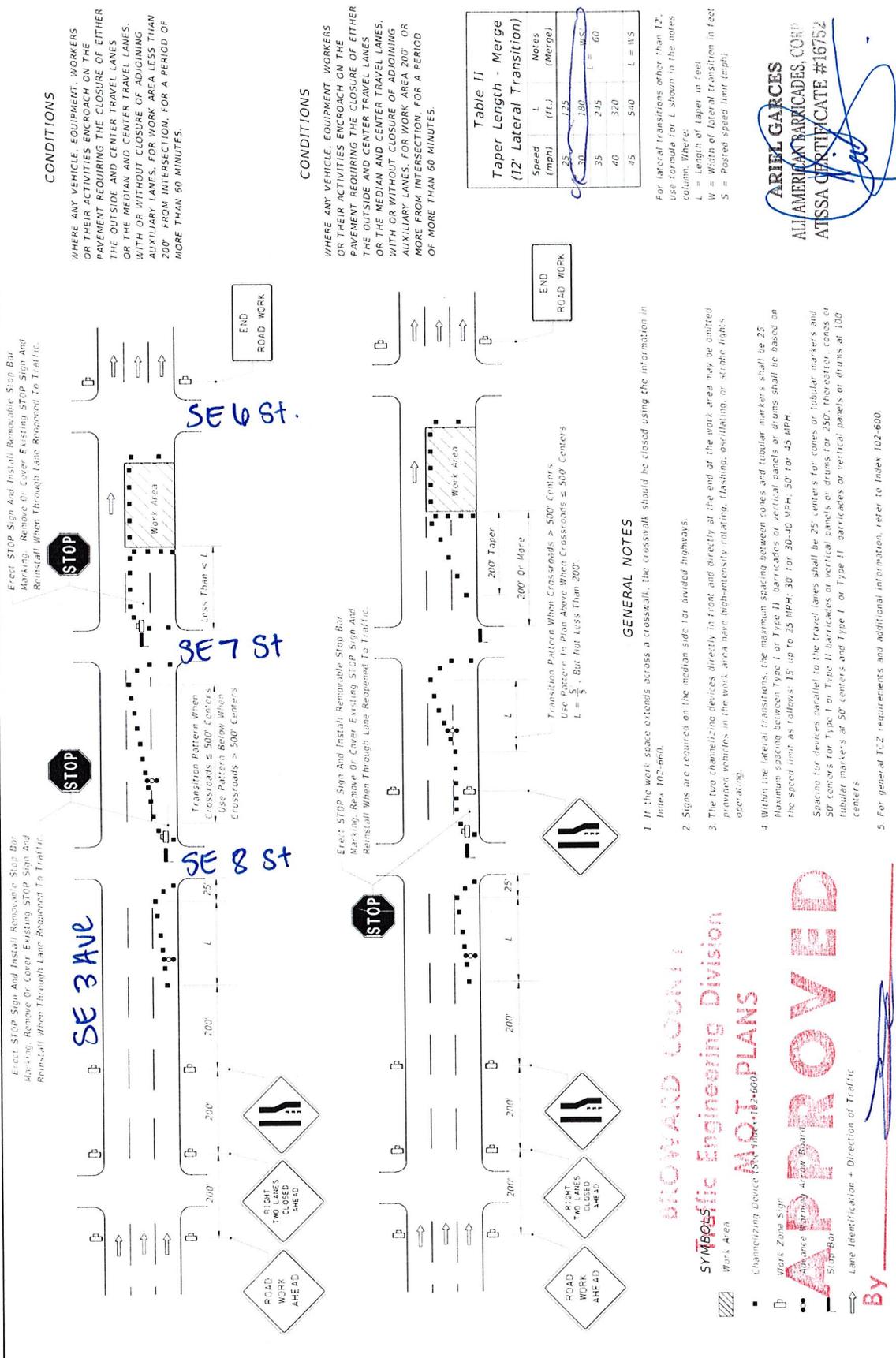
**Address:** Se 3rd Ave & SE 6th Street EXH: 3

**Comments:**  
 ATSSA # 16752 NOTE:  
 Typical drawing as per the latest edition of the MUTCD and FY2017-18 FDOT Index 600 Series Design Standards.  
 Drawing no to scale.  
 All American Barricades does not warrant the traffic control setup by others. The setup must be handled by personnel certified and licensed to handle traffic control.

**TABLE 2**

Posted Speed	Maximum Spacing of Cones or Tubular Markers			Distance Between Signs				Buffer Space	Taper Space
	On a Taper	On a Tangent	On a Tangent	A	B	C	D		
25	20'	50'	50'	200'	200'	200'	100'	155'	125'
30	20'	50'	50'	200'	200'	200'	100'	200'	160'
35	20'	50'	50'	200'	200'	200'	100'	250'	245'
40	20'	50'	50'	200'	200'	200'	100'	305'	320'
45	20'	50'	50'	200'	200'	200'	100'	350'	360'
50	20'	50'	50'	200'	200'	200'	100'	425'	540'
55	20'	50'	50'	200'	200'	200'	100'	495'	600'
60	20'	50'	50'	2640'	1500'	1000'	500'	570'	720'
65	20'	50'	50'	2640'	1500'	1000'	500'	645'	780'
70	20'	50'	50'	2640'	1500'	1000'	500'	730'	840'

*03/14/19*  
*\* see letter*



**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUCH ON THE PAVEMENT REQUIRING THE CLOSURE OF EITHER THE OUTSIDE AND CENTER TRAVEL LANES, OR THE MEDIUM AND CENTER TRAVEL LANES, WITH OR WITHOUT CLOSURE OF ADJOINING AUXILIARY LANES, FOR WORK AREA LESS THAN 200' FROM INTERSECTION, FOR A PERIOD OF MORE THAN 60 MINUTES.

**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUCH ON THE PAVEMENT REQUIRING THE CLOSURE OF EITHER THE OUTSIDE AND CENTER TRAVEL LANES, OR THE MEDIUM AND CENTER TRAVEL LANES, WITH OR WITHOUT CLOSURE OF ADJOINING AUXILIARY LANES, FOR WORK AREA 200' OR MORE FROM INTERSECTION, FOR A PERIOD OF MORE THAN 60 MINUTES.

**Table II  
Taper Length - Merge  
(12' Lateral Transition)**

Speed (mph)	L (ft.)	Notes (Merge)
25	125	
30	150	
35	245	L = WS
40	320	L = 60
45	540	L = WS

For lateral transitions other than 12', use formula for L shown in the notes column. Where:  
L = Length of taper in feet  
W = Width of lateral transition in feet  
S = Posted speed limit (mph)

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ATSSA CERTIFICATE #16752

- GENERAL NOTES**
- If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index 102-600.
  - Signs are required on the median side for divided highways.
  - The two channelizing devices directly in front and directly at the end of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
  - Within the lateral transitions, the maximum spacing between cones and tubular markers shall be 25'. Maximum spacing between Type I or Type II barricades or vertical panels or drums shall be based on the speed limit as follows: 15 up to 25 MPH; 30 for 30-40 MPH; 50 for 45 MPH.
- Spacing for devices parallel to the travel lanes shall be 25' centers for cones or tubular markers and 50' centers for Type I or Type II barricades or vertical panels or drums for 250', therefor, cones or tubular markers at 50' centers and Type I or Type II barricades or vertical panels or drums at 100' centers.
5. For general TCE requirements and additional information, refer to Index 102-600.

**BY**

**SYMPHONIC Engineering Division**  
M.O.T. PLANS

**APPROVED**

Work Area  
Channelizing Device  
Work Zone Sign  
Advance Warning Arrow Board  
Sign-Bal  
Lane Identification - Direction of Traffic

LAST REVISION 11/01/17	DESCRIPTION STANDARD PLANS	INDEX 102-618	SHEET 1 of 1
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REVISIONS

05/19/19

Remarks: see letter

**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.

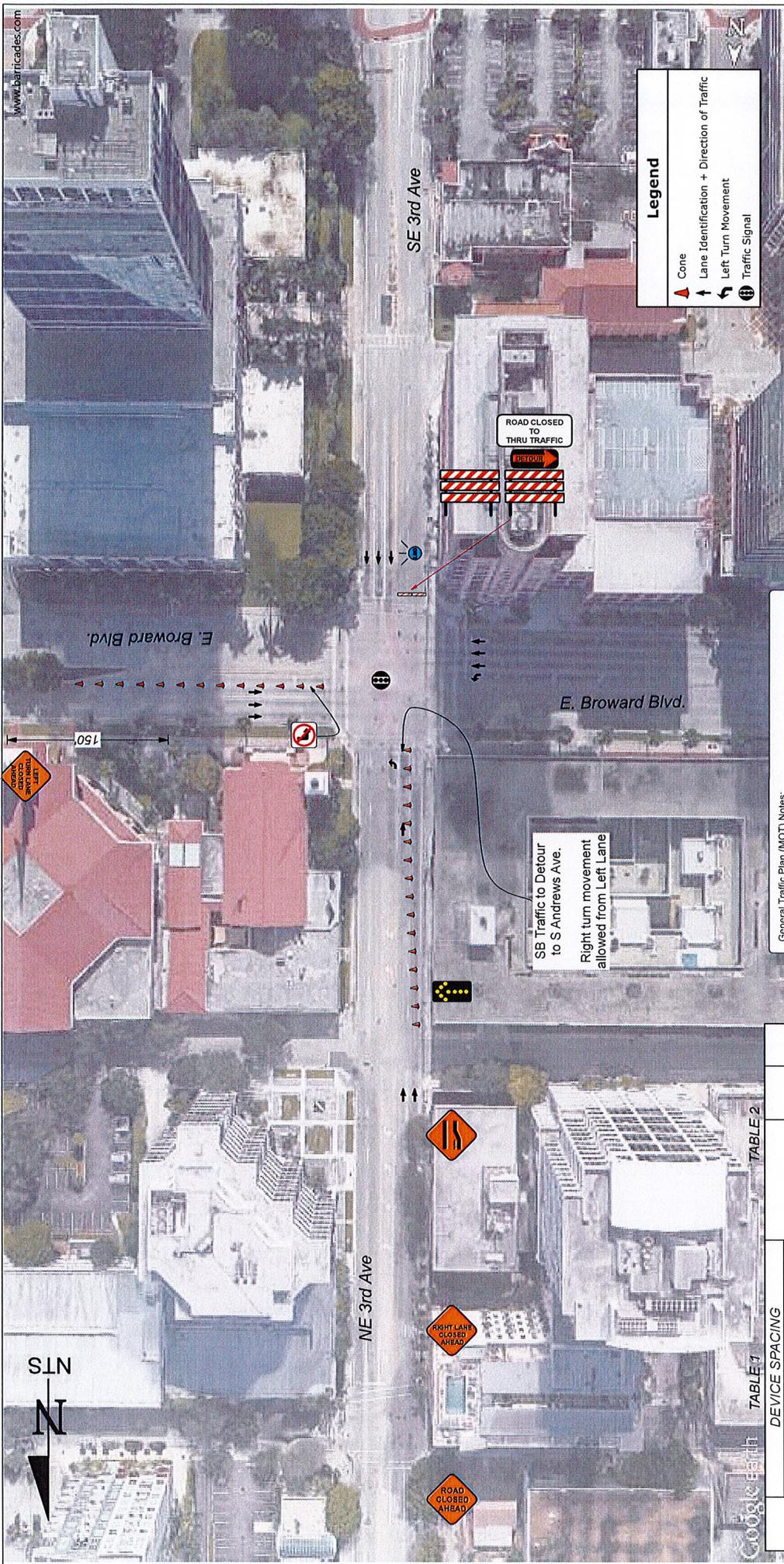
**ARIEL GARCES**  
 ALL AMERICAN BARRICADES, CORP  
 ATSSA CERTIFICATE #16752

**BROWARD COUNTY**  
**Traffic Engineering Division**  
**M.O.T. PLANS**  
**APPROVED**

By \_\_\_\_\_  
 Date 03/14/19  
 Remarks see letter.



03/14/19  
 See letter



- General Traffic Plan (MOT) Notes:
1. Copy of approved 11 x 17 (TCP) MOT drawing to be maintained onsite by contractor at all times.
  2. No changes to TCP/MOT drawing without prior consent of the approving government agency and All American Barricades.
  3. Access shall be given to local residents, public transportation and emergency response vehicles.
  4. Accommodations to be made for Pedestrian traffic should the work be in progress. Refer to the FY 2017-18 FDOT Design Standards Index 660 for specifications.
  5. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD), FDOT APL and permit approving agency.
  6. Field conditions to be considered when placing MOT devices.
  7. TCP/MOT Plan NOT TO SCALE. Refer to FDOT Index 600 Series Distance Charts for device spacing and placement information.
  8. Posted Regulatory Speed Limit to be considered for device placement and placement.
  9. MOT device(s) placement on plans are an approximate.
  10. PLANS NOT TO SCALE.

TABLE 1

Posted Speed	Maximum Spacing of Cones or Tubular Markers		Maximum Spacing of Type I or Type II Barricades/Panels/Drums			
	On a Taper	On a Tangent	On a Taper	On a Tangent	A	B
25	20'	50'	20'	50'	200'	200'
30	20'	50'	20'	50'	200'	200'
35	20'	50'	20'	50'	200'	200'
40	20'	50'	20'	50'	200'	200'
45	20'	50'	20'	50'	200'	200'
50	20'	50'	20'	50'	200'	200'
55	20'	50'	20'	50'	200'	200'
60	20'	50'	20'	50'	200'	200'
65	20'	50'	20'	50'	200'	200'
70	20'	50'	20'	50'	200'	200'
75	20'	50'	20'	50'	200'	200'
80	20'	50'	20'	50'	200'	200'
85	20'	50'	20'	50'	200'	200'
90	20'	50'	20'	50'	200'	200'
95	20'	50'	20'	50'	200'	200'
100	20'	50'	20'	50'	200'	200'

TABLE 2

Taper Space	Distance Between Signs				Buffer Space
	A	B	C	D	
125'	200'	200'	200'	100'	155'
150'	200'	200'	200'	100'	200'
245'	200'	200'	200'	100'	250'
320'	200'	200'	200'	100'	305'
360'	350'	350'	350'	175'	360'
425'	500'	500'	500'	250'	425'
495'	500'	500'	500'	250'	495'
570'	2540'	1500'	1000'	500'	570'
645'	2540'	1500'	1000'	500'	645'
730'	2540'	1500'	1000'	500'	730'
840'	2540'	1500'	1000'	500'	840'

Date: 02/28/2019 Author: Ariel Garces Project: Multiple Myeloma Research Foundation C/O. Event 360, Inc.  
 Address: NE 3rd Ave & Broward Blvd. EXH: 4  
 Comments:  
 ATSSA # 16752 NOTE:  
 Typical drawing as per the latest edition of the MUTCD and FY2017-18 FDOT Index 600 Series Design Standards.  
 Drawing no to scale.  
 All American Barricades does not warrant the traffic control setup by others.  
 This setup must be handled by personnel certified and licensed to handle traffic control.



**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.**

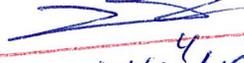
**Support:**

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

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 ALL AMERICAN BARRICADES, CORP.  
 ATSSA CERTIFICATE #16752

BROWARD COUNTY  
 Traffic Engineering Division  
 M.O.T. PLANS

**APPROVED**

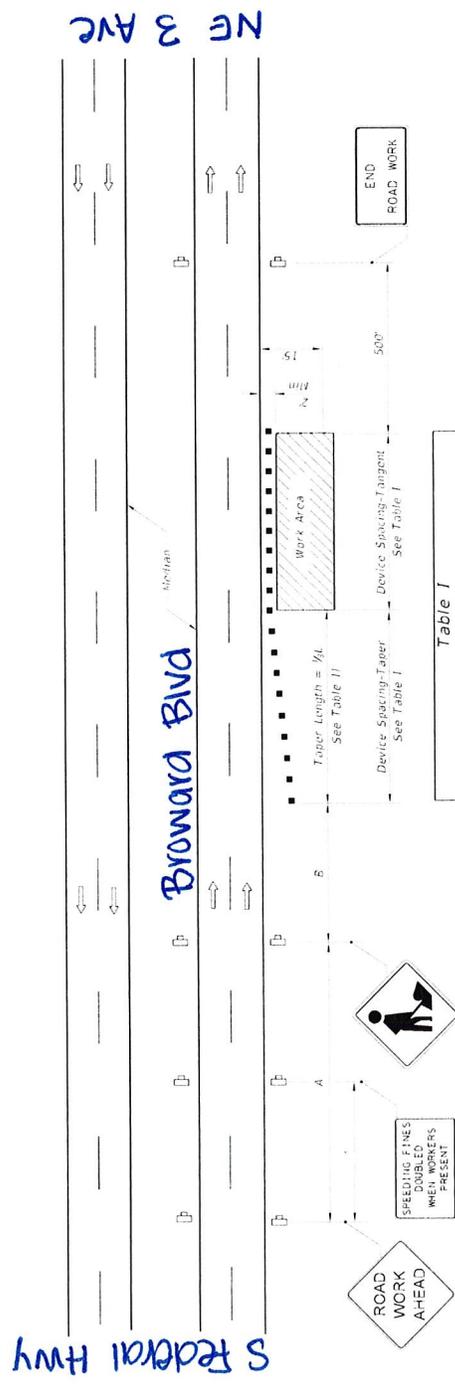
By 

Date 03/14/19

Remarks see letter



# Typical Application for turn lane closures



**Table II**  
Taper Length - Shoulder

Speed (mph)	8' Shldr.	10' Shldr.	12' Shldr.	Notes
25	28	35	42	
30	40	50	60	W/S*
35	55	68	82	L = 60
40	72	90	107	
45	120	150	180	
50	133	167	200	
55	147	183	220	L=WS
60	160	200	240	
65	173	217	260	
70	187	233	280	

\* minimum shoulder width.

**Table I**  
Device Spacing

Speed (mph)	Cones or Tubular Markers	Type I or Type II Barricades or Vertical Panels or Drums	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	30
50 to 70	25	50	50	100

**DISTANCE BETWEEN SIGNS**

Speed	Spacing (ft.)
40 mph or less	200
45 mph	350
50 mph or greater	500

\* 250' between the ROAD WORK AHEAD sign or midway between signs whichever is less

### GENERAL NOTES

- When a high volume of work vehicles are entering and leaving the Work Area at success slower than 10 MPH below the posted speed, place an 803-5-06 sign in the ROAD WORK AHEAD sign location and shift the ROAD WORK AHEAD sign upstream 500 ft.
- This TCZ plan also applies to work performed in the median more than 2' but less than 150' from the edge of travelway.
- When work is being performed on a multi-lane undivided roadway the signs normally mounted in the median (as shown) shall be omitted.
- WORKERS signs to be removed or fully covered when no work is being performed.
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
- For general TCZ requirements and additional information, refer to Index 102-600.

### DURATION NOTES

- Signs and channelizing devices may be omitted if all of the following conditions are met:
  - Work operations are 60 minutes or less.
  - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

### SYMBOLS

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

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ALL AMERICAN BARRICADES, CORP.  
ATSSA CERTIFICATE #181818

### CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRoACH THE AREA CloSER THAN 15' BUT NOT CloSER THAN 2' TO THE EDGE OF TRAVEL WAY.

BY 03/14/19  
see letter  
Remarks



FY 2018-19  
STANDARD PLANS

MULTILANE, WORK ON SHOULDER

INDEX 102-612

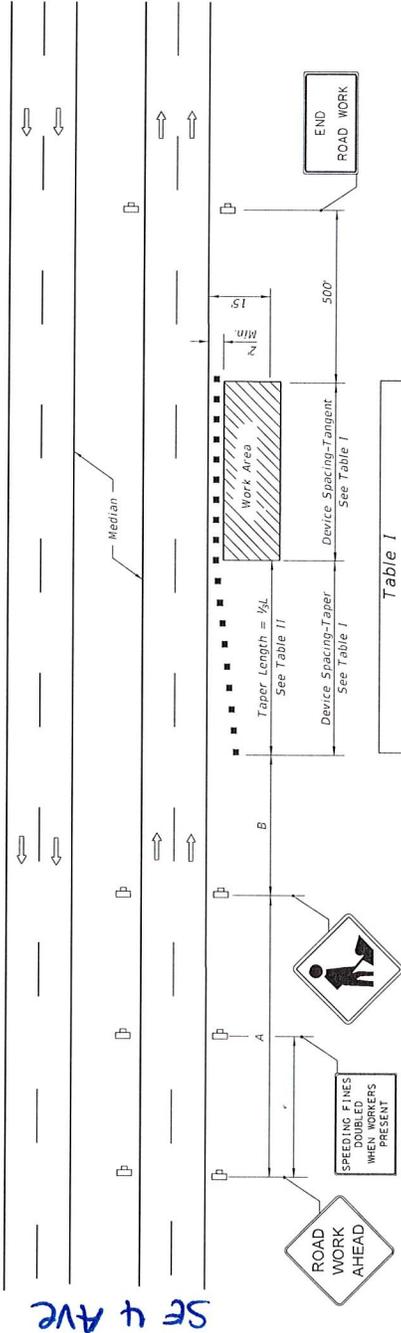
DESCRIPTION: 11/01/17

SHEET 1 of 1

# Typical Application for turn lane closures



SE 3 AVE



SE 4 AVE

**Table II**  
Taper Length - Shoulder

Speed (mph)	1/2 L (ft.)		Notes
	8" Shldr.	12" Shldr.	
25	28	35	42
35	40	50	60
45	55	68	82
55	72	90	107
65	120	150	180
70	133	167	200
75	147	183	220
80	160	200	240
85	173	217	260
90	187	233	280

8 minimum shoulder width.

**Table I**  
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)	
	Type I or Type II Cones or Tubular Markers	Vertical Panels or Drums
25	25	50
30 to 45	25	50
50 to 70	25	50
75 to 100	50	100

**DISTANCE BETWEEN SIGNS**

Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

\* 250' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

1/2 L = Length of shoulder taper in feet  
 W = Width of total shoulder in feet (combined paved and unpaved width)  
 S = Posted speed limit (mph)

**GENERAL NOTES**

- When a high volume of work vehicles are entering and leaving the Work Area at speeds slower than 10 MPH below the posted speed, place an M07-5-06 sign in the ROAD WORK AHEAD sign location and shift the ROAD WORK AHEAD sign upstream 500 ft.
- This TCZ plan also applies to work performed in the median more than 2' but less than 15' from the edge of travelway.
- When work is being performed on a multilane undivided roadway the signs normally required in the median (as shown) shall be omitted.
- WORKERS signs to be removed or fully covered when no work is being performed.
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ indexes.
- For general TCZ requirements and additional information, refer to Index 102-600.

**DURATION NOTES**

- Signs and channelizing devices may be omitted if all of the following conditions are met:
  - Work operations are 60 minutes or less.
  - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

**SYMBOLS**

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

**ARIEL GARCES**  
 ALL AMERICAN BARRICADES, CORP.  
 ATSSA CERTIFICATE #40752

**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUSH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.

**APPROVED**

LASTY REVISION 11/01/17

01/14/19

FDOT

FY 2018-19 STANDARD PLANS

MULTILANE, WORK ON SHOULDER

INDEX 102-612  
 SHEET 1 of 1

Remarks - see letter

CC

**GENERAL NOTES**

1. Work operations shall be confined to either one lane, or lane combinations as follows:
  - a. Outside travel lane;
  - b. Outside auxiliary lane;
  - c. Outside travel lane and adjoining auxiliary lane;
  - d. Inside travel lane  $\Delta$ ;
  - e. Inside auxiliary lane  $\Delta$ ;
  - f. Inside travel lane and adjoining auxiliary lane  $\Delta$ .

$\Delta$  See Sheet 3

If the work area is confined to an auxiliary lane the work area shall be barricaded and the RIGHT (LEFT) LANE CLOSED AHEAD signs replaced by ROAD WORK AHEAD signs, and the merge symbol signs eliminated.
2. When vehicles in a parking zone block the line of sight to TCZ signs, the signs shall be post mounted and located in accordance with Index 700-101.
3. If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index 102-660.
4. Signs are required on the median side for divided highways.
5. The two channelizing devices directly in front and directly at the end of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
6. For general TCZ requirements and additional information, refer to Index 102-600.

**SYMBOLS**

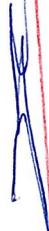
-  Work Area
-  Work Zone Sign
-  Advance Warning Arrow Board
-  Type III Barricade
-  Channelizing Device (See Index 102-600)
-  Lane Identification + Direction of Traffic

**DURATION NOTES**

1. For work operations up to approximately 15 minutes, signs, channelizing devices, and arrow board may be omitted if all of the following conditions are met:
  - a. Speed limit is 45 mph or less.
  - b. No sight obstructions to vehicles approaching the work area for a distance equal to twice the taper length.
  - c. Volume and complexity of the roadway has been considered.
  - d. The closed lane is occupied by a class 5 or larger, medium duty truck(s) with a minimum gross weight vehicle rating (GVWR) of 16000 lb with high-intensity, rotating, flashing, oscillating, or strobe lights mounted above the cab height and operating.
2. For work operations up to 60 minutes, the arrow board may be omitted if conditions a, b, and c in DURATION NOTE 1 are met, and vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

SOUTHWARD LOOKING  
Traffic Engineering Division  
M.O.T. PLANS

APPROVED

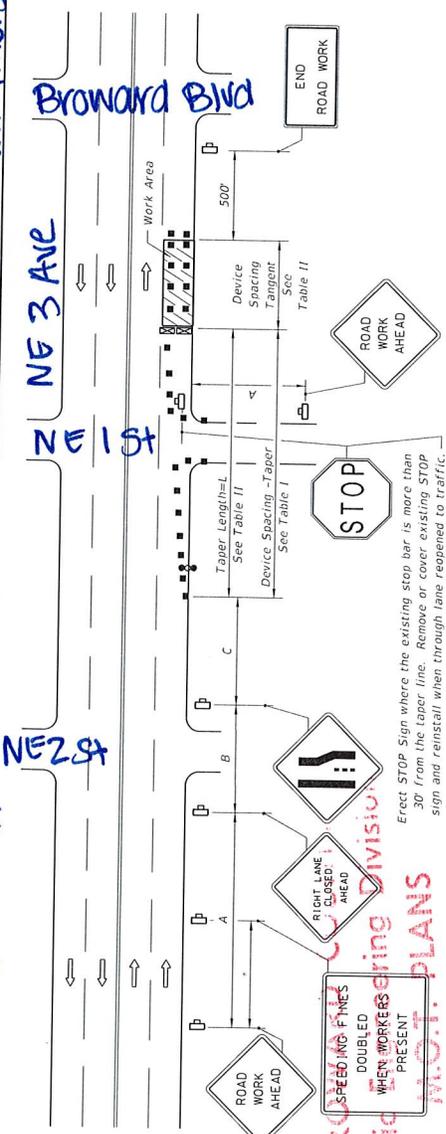
By  \_\_\_\_\_  
Date 03/14/19  
Remarks See letter.

LAST REVISION 11/01/17	DESCRIPTION: REVISION	FDOT FY 2018-19 STANDARD PLANS	INDEX 102-616	SHEET 1 of 3
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MULTILANE, WORK NEAR INTERSECTION  
MEDIAN OR OUTSIDE LANE



Typical Application for outside lane closure near intersection



**DISTANCE BETWEEN SIGNS**

Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350

\* 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

**Table I**

**Device Spacing**

Speed (mph)	Max. Distance Between Devices (ft.)	Type I or Type II
25	25	Cones or Tubular Markers
30 to 45	25	Cones or Tubular Markers, Panels or Drums
	50	Taper
	25	Tangent
	50	Tangent

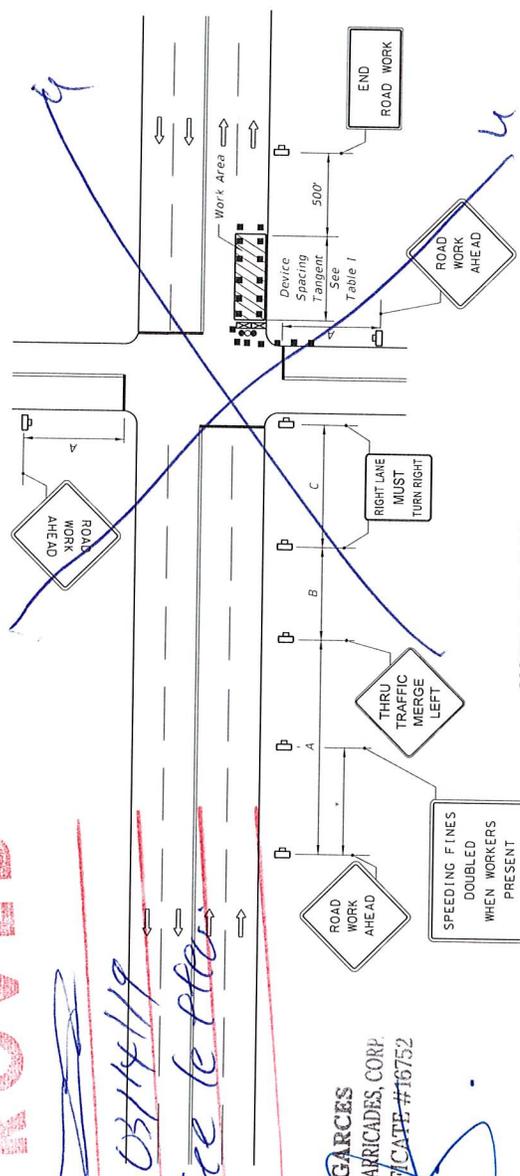
**Table II**

**Taper Length - Merge (12' Lateral Transition)**

Speed (mph)	L (ft)	Notes (Merge)
25	125	
30	180	WS' L = 60
35	245	
40	320	
45	540	L=WS

For lateral transitions other than 12', use formula for L shown in the notes column. Where:  
 L = Length of taper in feet  
 W = Width of lateral transition in feet  
 S = Posted speed limit (mph)

RIGHT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET



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

2. For intersection approaches reduced to a single lane, left turning movements may be prohibited to maintain capacity for through vehicular traffic.

1. The normal procedure is to close on the near side of the intersection any lane that is not carried through the intersection. However, when this results in the closure of a right lane having significant right turning movements, then the right lane may be restricted to right turns only as shown in this detail.

**APPROVAL**

by \_\_\_\_\_ Date 03/14/19

Remarks see the plans

ARIEL GARCES  
 ALL AMERICAN BARRICADES, CORP.  
 ATSSA CERTIFICATE #16752

DESCRIPTION:  
 REVISION  
 LAST REVISION 11/01/17

FDOT  
 FY 2018-19  
 STANDARD PLANS

MULTILANE, WORK NEAR INTERSECTION  
 MEDIAN OR OUTSIDE LANE

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