



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

Table I

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 65	25	50	50	100

Table II
Buffer Space and Taper Length

Speed (mph)	Buffer Space (ft.)	Taper Length (12' Lateral Transition)	
		Dist. (ft.)	Notes (Merge)
25	155	125	
30	200	180	
35	250	245	$L = \frac{WS^2}{60}$
40	305	320	
45	360	540	
50	425	600	
55	495	660	
60	570	720	$L = WS$
65	645	780	
70	730	840	



Date: 03/22/2019 **Author:** Ariel Garces **Project:** MAKING STRIDES WALK
Address: SE 2 Street & SE 1 Ave. / Andrews Ave.
Comments:
 ATSSA # 16752
NOTE:
 Typical drawing as per the latest edition of the MUTCD and FY2018-19 FDOT Standard Plans Index 600 Series Design.
 Drawing not 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.

Legend

- Left Turn Movement
- ➡ Lane Identification + Direction of Traffic
- Ⓢ Traffic Signal
- 🚧 Type III Barricade
- ★ Traffic Control Officer
- ➡ Right Turn Movement

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 conflict with pathway(s). Refer to the FY 2018-19 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 with respect to approving agency permit provisions.
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 distances.
9. MOT device(s) placement on plans are an approximate.
10. PLANS NOT TO SCALE.

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.**

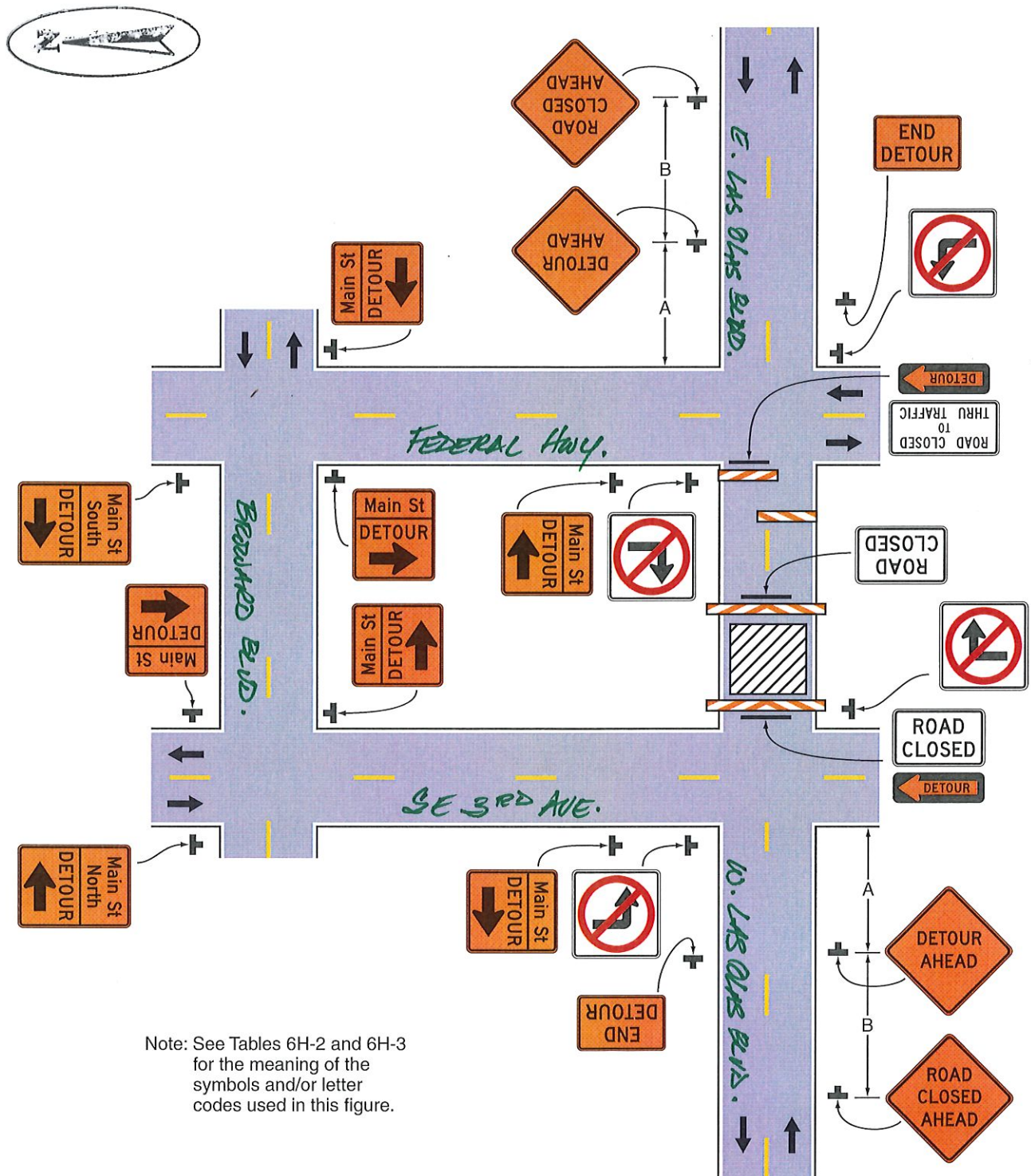
Support:

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

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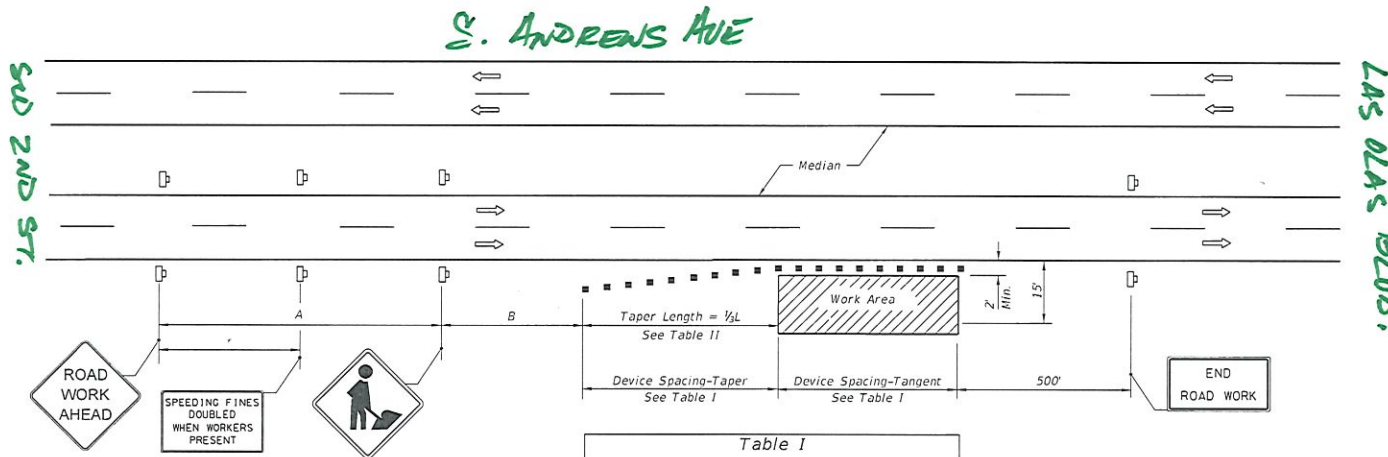
Figure 6H-20. Detour for a Closed Street (TA-20)



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

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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.

Table I Device Spacing					
Speed (mph)	Max. Distance Between Devices (ft.)				
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums		
	Taper	Tangent	Taper	Tangent	
	25	50	25	50	
25	25	50	25	50	
30 to 45	25	50	30	50	
50 to 70	25	50	50	100	

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 MOT-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 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.

Table II Taper Length - Shoulder				
Speed (mph)	1/2 L (ft.)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	L = WS ² / 60
30	40	50	60	
35	55	68	82	
40	72	90	107	
45	120	150	180	L = WS
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

8' minimum shoulder width.

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)

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.

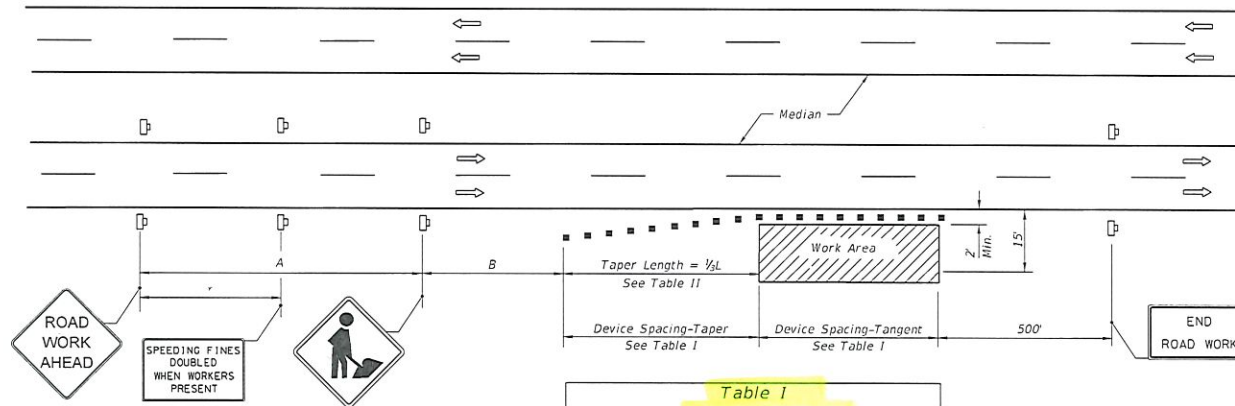
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ATSSA CERTIFICATE #16752

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LAST REVISION	DESCRIPTION	FDOT	FY 2018-19 STANDARD PLANS	MULTILANE, WORK ON SHOULDER	INDEX	SHEET
11/01/17					102-612	1 of 1

E. BERWARD BLVD.

NE 3RD AVE.



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.

Table I Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

**Table II
Taper Length - Shoulder**

Speed (mph)	1/2 L (ft.)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	L = WS/60
30	40	50	60	
35	55	68	82	L = WS
40	72	90	107	
45	120	150	180	
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	L = WS
70	187	233	280	

8' minimum shoulder width.

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)

SYMBOLS

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

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 MOT-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 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.

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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.

LAST REVISION	DESCRIPTION:	FDOT	FY 2018-19 STANDARD PLANS	MULTILANE, WORK ON SHOULDER	INDEX	SHEET
11/01/17					102-612	1 of 1

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 Δ ;
 - e. Inside auxiliary lane Δ ;
 - f. Inside travel lane and adjoining auxiliary lane Δ .

Δ 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.

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 (GWVR) of 16,001 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.

SYMBOLS

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

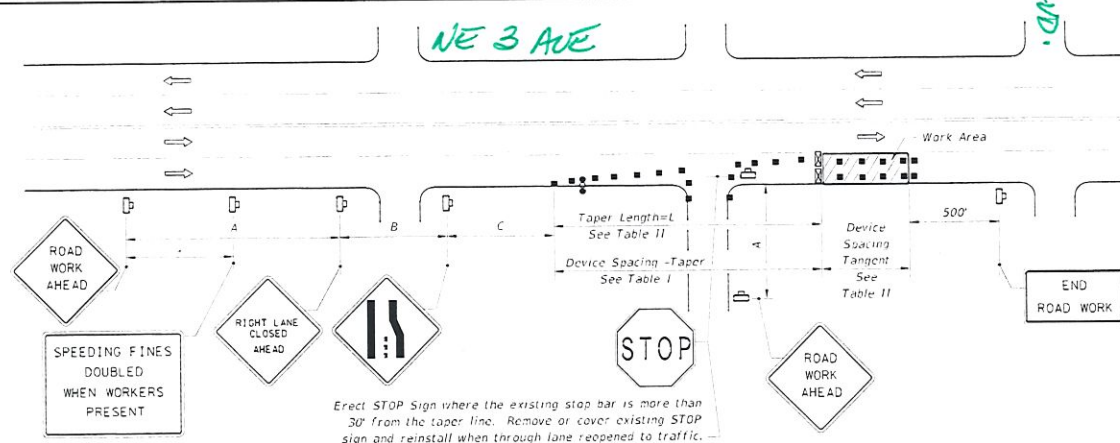
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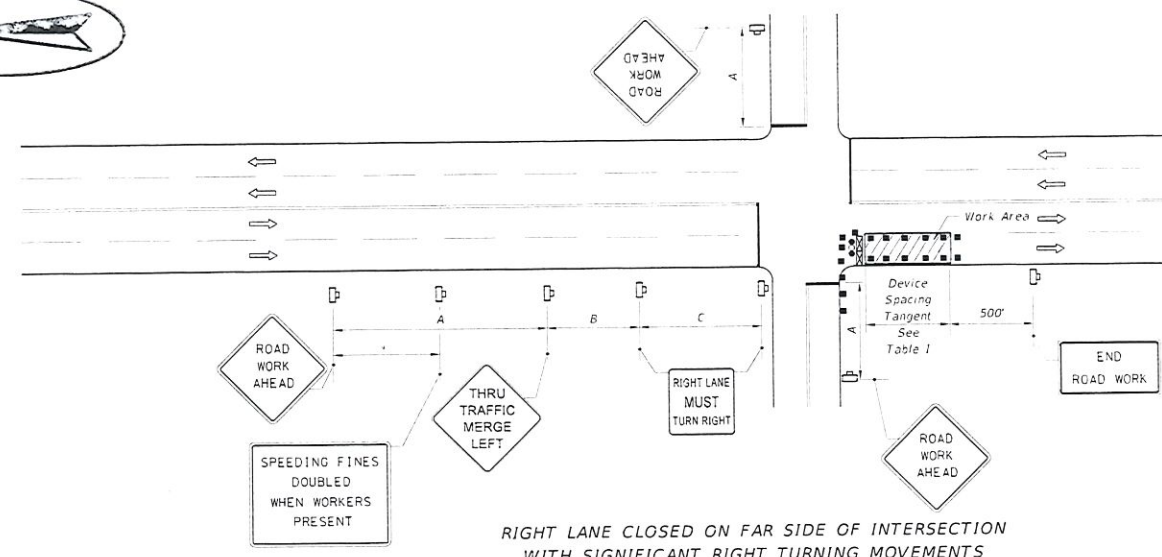
LAST REVISION 11/01/17	DESCRIPTION:	 FY 2018-19 STANDARD PLANS	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE	INDEX 102-616	SHEET 1 of 3
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N/O / ST.

BEHIND MED BLVD.



RIGHT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET



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

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

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.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50

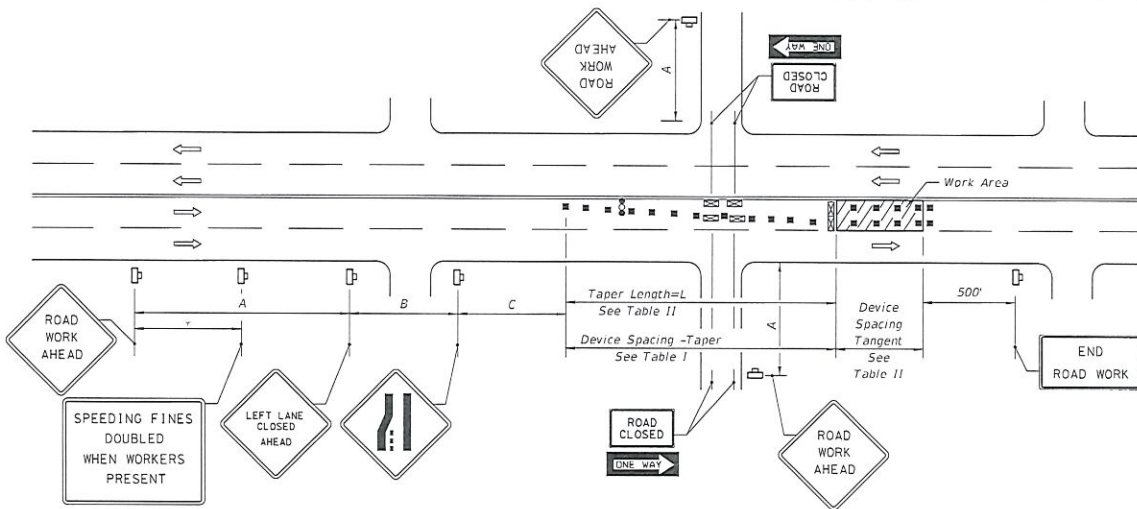
Table II Taper Length - Merge (12' Lateral Transition)			
Speed (mph)	L (ft)	Notes (Merge)	
25	125	$L = WS'$ 60	
30	180		
35	245		
40	320	$L = WS'$	
45	540		

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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10/22/2017

LAST REVISION	DESCRIPTION:	FDOT	FY 2018-19 STANDARD PLANS	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE	INDEX 102-616	SHEET 2 of 3
11/01/17						



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.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50

LEFT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET - RESTRICTED TURNING MOVEMENTS

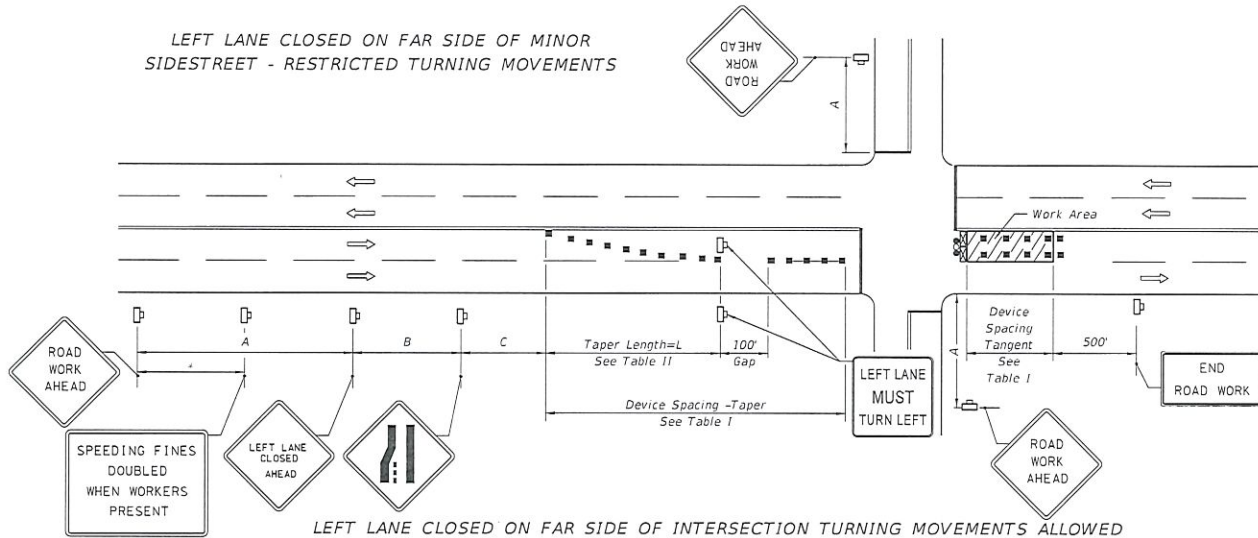


Table II Taper Length - Merge (12' Lateral Transition)		
Speed (mph)	L (ft.)	Notes (Merge)
25	125	$L = \frac{WS^2}{60}$
30	180	
35	245	
40	320	
45	540	$L = WS$

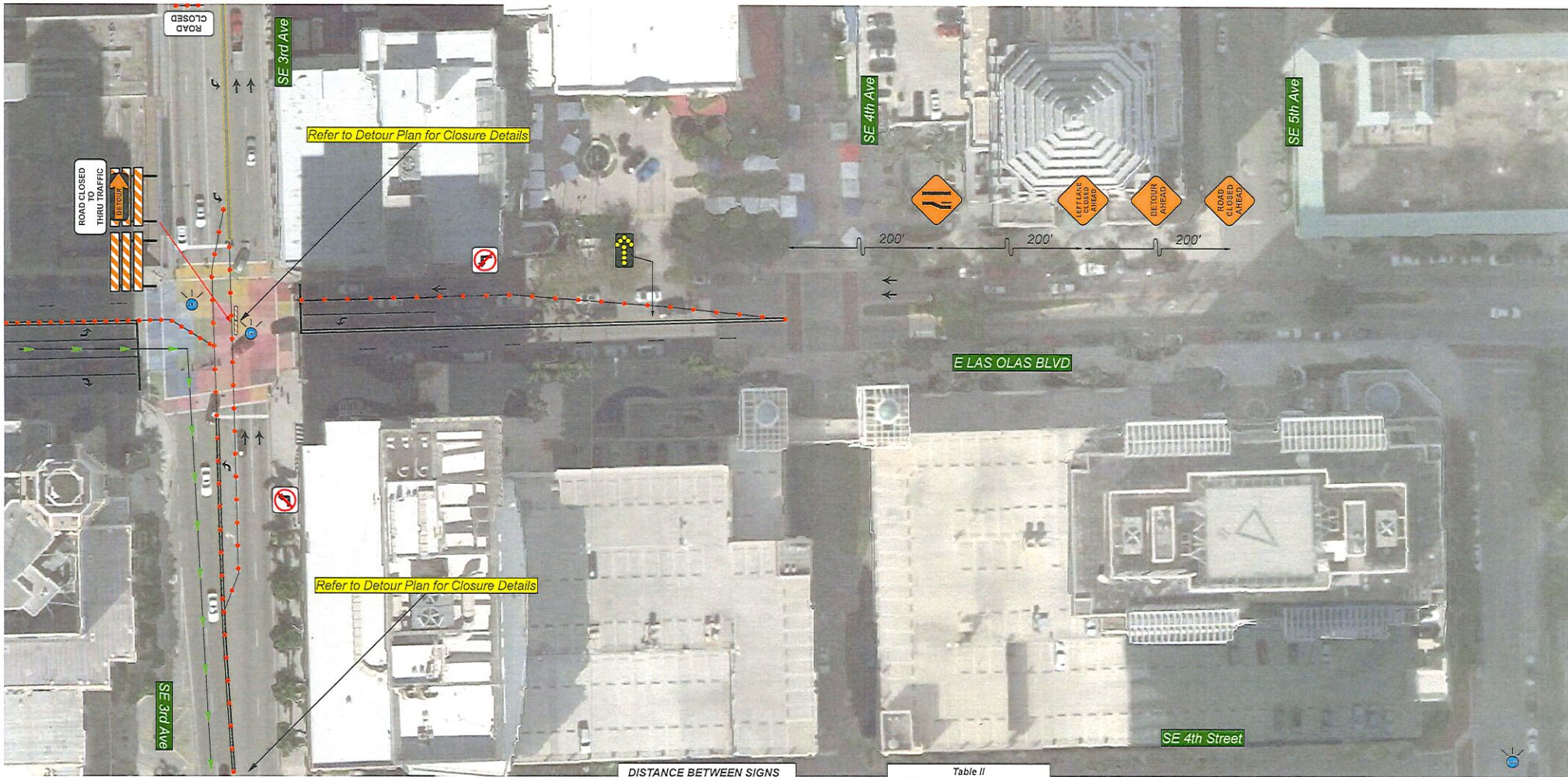
For lateral transitions other than 12', use formula for L shown in the notes column. Where:
 L = Length of taper in feet
 W = Width of lateral transition in feet
 S = Posted speed limit (mph)

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 ATSSA CERTIFICATE #16752

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 left lane having significant left turning movements, then the left lane may be reopened as a turn bay for left turns only as show in this detail.

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



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

Table I Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 75	25	50	50	100

Table II Buffer Space and Taper Length				
Speed (mph)	Buffer Space (ft.)	Taper Length (12' Lateral Transition)		Notes (Merge)
		Dist. (ft.)	L (ft.)	
25	155	125		$L = WS^2 / 60$
30	200	180		
35	250	245		
40	305	320		$L = WS$
45	360	540		
50	425	600		
55	495	660		
60	570	720		
65	645	780		
70	730	840		

Legend	
	Left Turn Movement
	Channelizing Device (See Index No. 600)
	Route Run



Date: 03/22/2019 Author: Ariel Garces Project: MAKING STRIDES WALK
Address: SE 3rd Ave & E Las Olas Blvd.
Comments:
ATSSA # 16752
NOTE:
Typical drawing as per the latest edition of the MUTCD and FY2018-19 FDOT Standard Plans Index 600 Series Design.
Drawing not 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.



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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 Δ ;
 - e. Inside auxiliary lane Δ ;
 - f. Inside travel lane and adjoining auxiliary lane Δ .

Δ 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.

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 (GWVR) of 16,001 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.

SYMBOLS

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

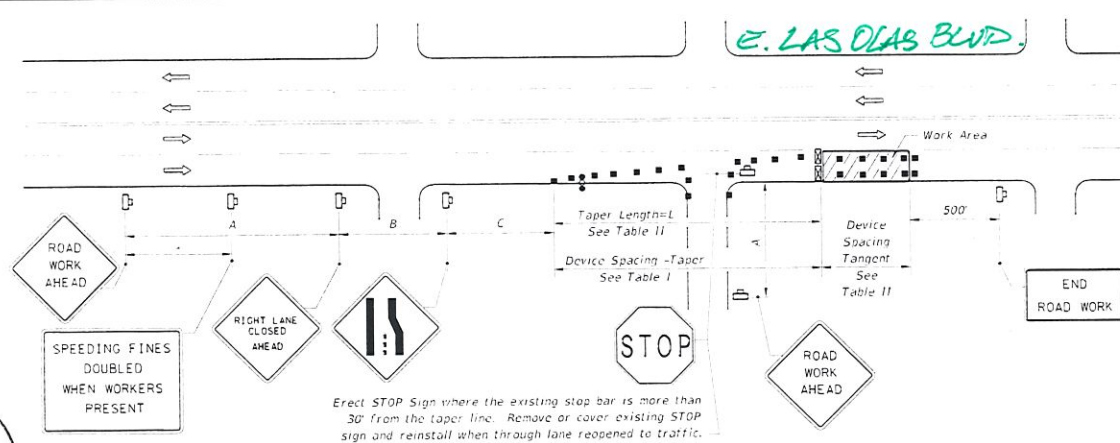
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LAST REVISION 11/01/17	DESCRIPTION:	 FY 2018-19 STANDARD PLANS	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE	INDEX 102-616	SHEET 1 of 3
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SE 4th Ave.

SE 3rd Ave.



RIGHT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET

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.

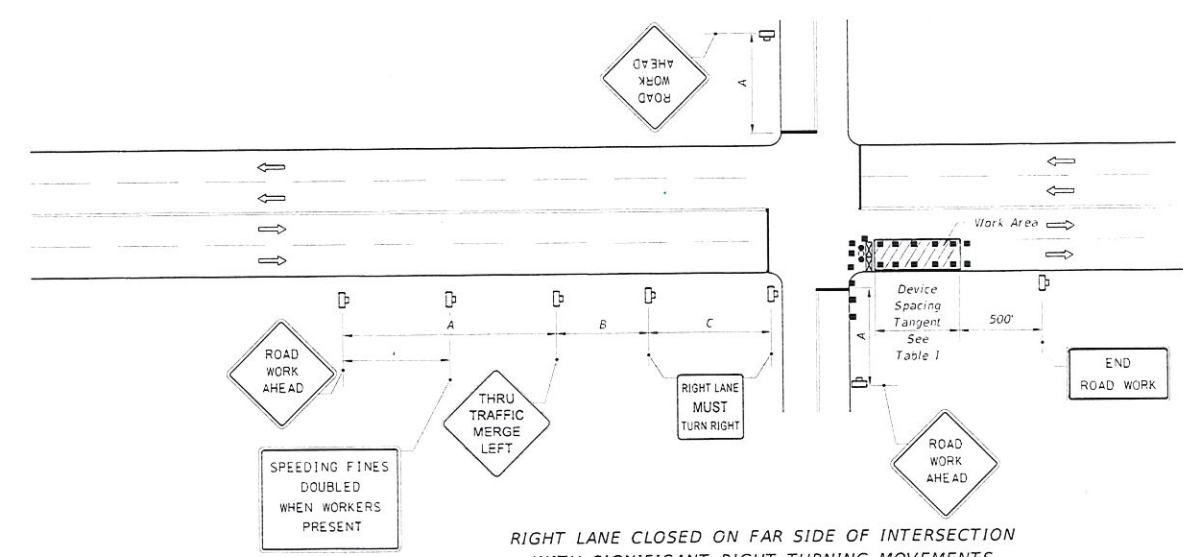
Table I
Device Spacing

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

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

Speed (mph)	L (ft)	Notes (Merge)
25	125	$L = WS^2/60$
30	180	
35	245	
40	320	$L = WS^2$
45	540	

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)



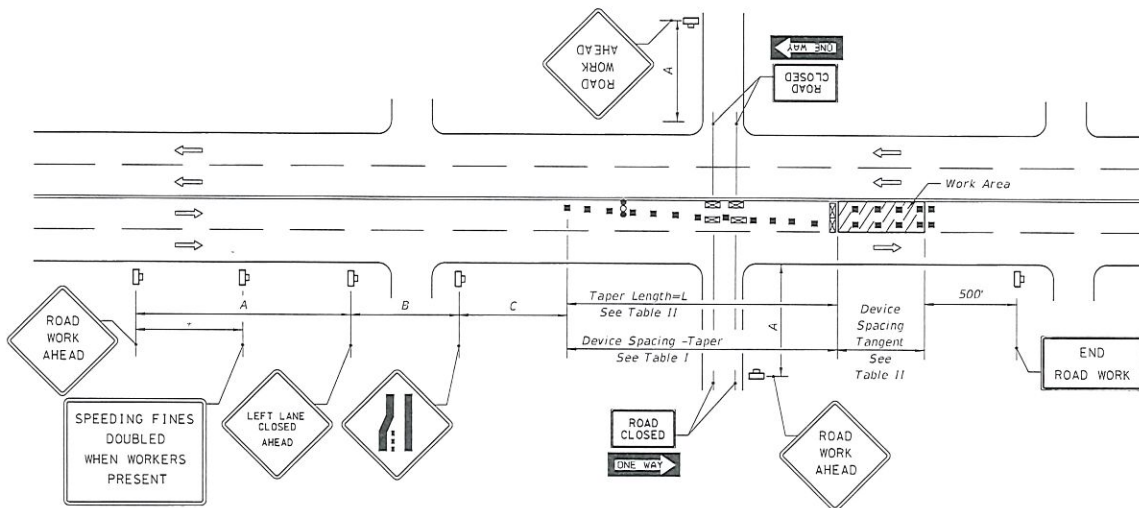
RIGHT LANE CLOSED ON FAR SIDE OF INTERSECTION WITH SIGNIFICANT RIGHT TURNING MOVEMENTS

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

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11/01/17					102-616	2 of 3



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.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50

LEFT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET - RESTRICTED TURNING MOVEMENTS

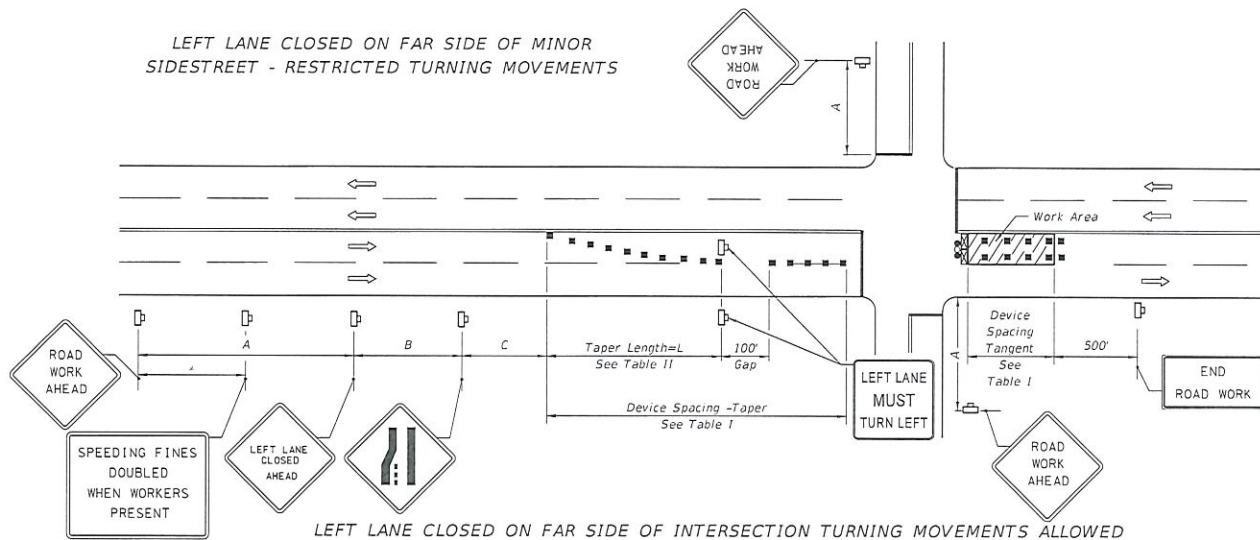


Table II Taper Length - Merge (12' Lateral Transition)			
Speed (mph)	L (ft.)	Notes (Merge)	
25	125		
30	180		
35	245	$L = \frac{WS^2}{60}$	
40	320		
45	540	$L = WS$	

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)

LEFT LANE CLOSED ON FAR SIDE OF INTERSECTION TURNING MOVEMENTS ALLOWED

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 left lane having significant left turning movements, then the left lane may be reopened as a turn bay for left turns only as show in this detail.

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

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.**

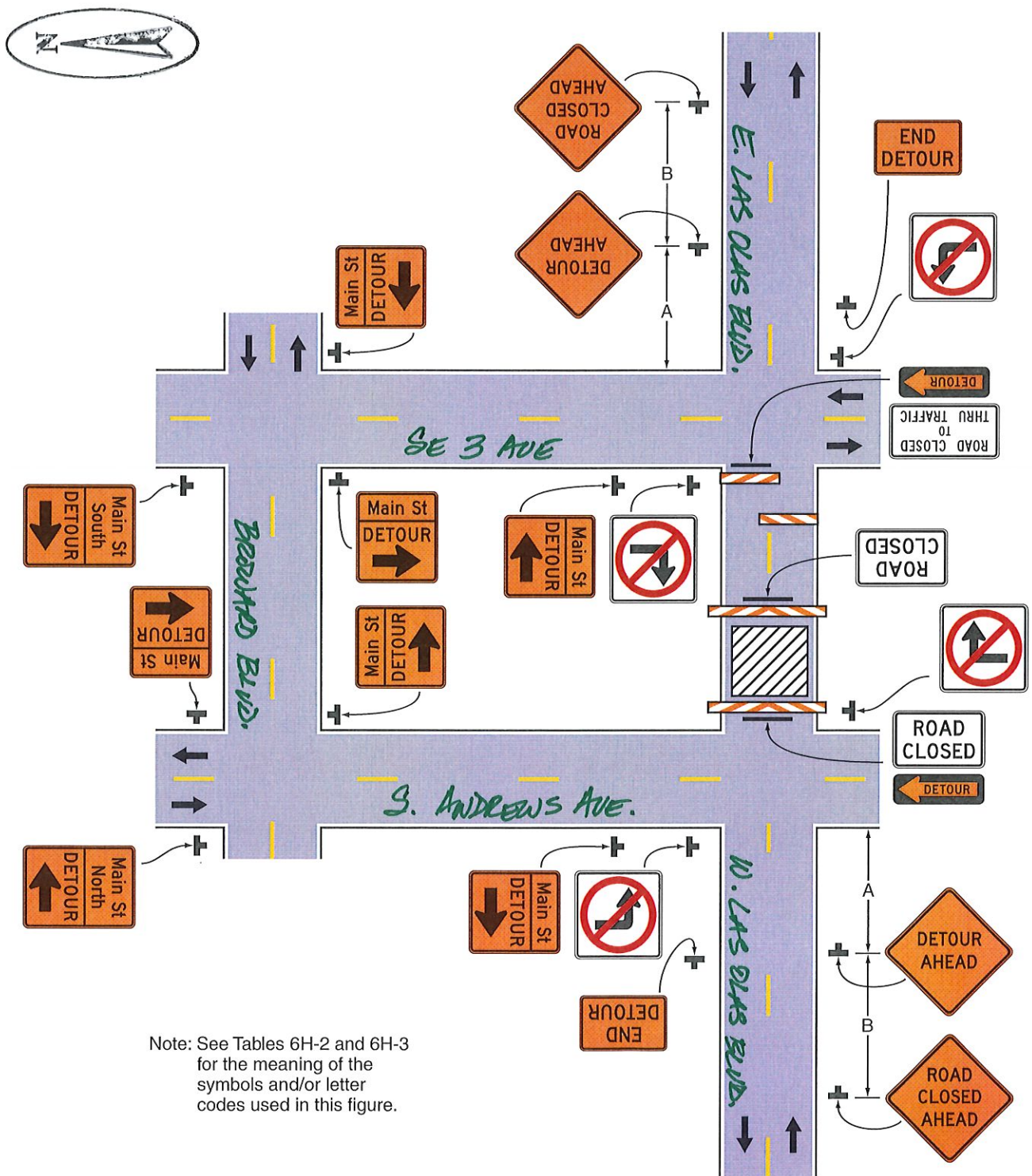
Support:

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

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ALL AMERICAN BARRICADES, CORP.
ATSSA CERTIFICATE #16752



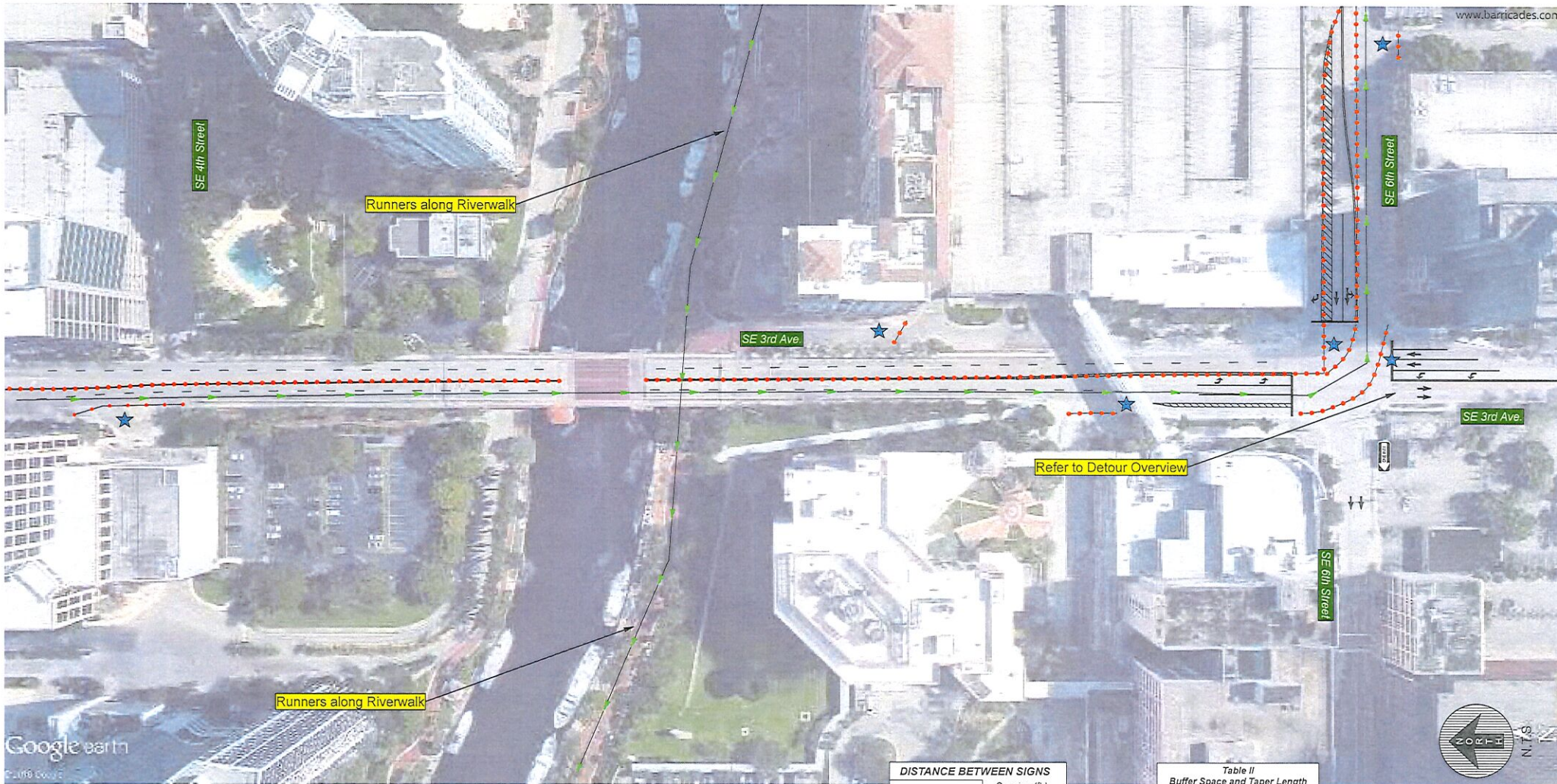
Figure 6H-20. Detour for a Closed Street (TA-20)



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

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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 conflict with pathway(s). 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 with respect to approving agency permit provisions.
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 distances.
9. MOT device(s) placement on plans are an approximate.
10. PLANS NOT TO SCALE.



Date: 03/22/2019 Author: Ariel Garces Project: MAKING STRIDES WALK
Address: SE 3rd Ave & SE 6 Street

Comments:
ATSSA # 16752

NOTE:
Typical drawing as per the latest edition of the MUTCD and FY2017 FDOT Standard Plans Index 600 Series.
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.

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

Table I Device Spacing

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

Table II Buffer Space and Taper Length

Speed (mph)	Buffer Space (ft.)	Taper Length (12' Lateral Transition)	
		Dist. (ft.)	Notes (Merge)
25	155	125	$L = \frac{WS^2}{60}$
30	200	180	
35	250	245	
40	305	320	$L = WS$
45	360	540	
50	425	600	
55	495	660	
60	570	720	
65	645	780	
70	730	840	

Legend

- ↔ Left Turn Movement
- ↕ Thru + Turning Traffic
- ↑ Lane Identification + Direction of Traffic
- ↪ Right Turn Movement
- ▲ Run Route
- Channelizing Device (See Index No. 600)
- ★ Traffic Control Officer

**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:

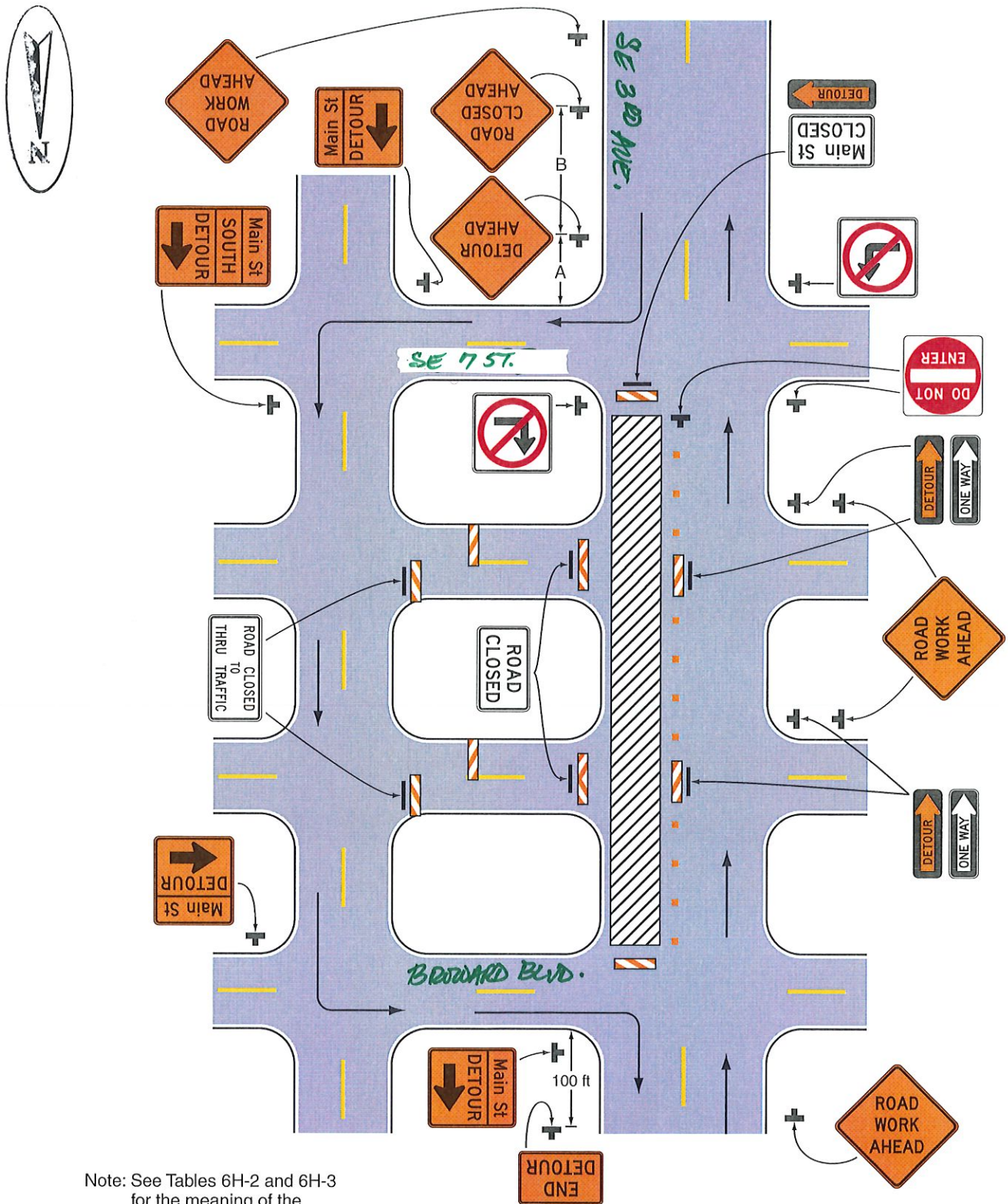
3. The STREET CLOSED legend may be used in place of ROAD CLOSED.
4. Additional DO NOT ENTER signs may be used at intersections with intervening streets.
5. Warning lights may be used on Type 3 Barricades.
6. Detour signs may be located on the far side of intersections.
7. A Street Name sign may be mounted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

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TSSA CERTIFICATE #16752

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



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

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ATSSA CERTIFICATE #16752

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 Δ ;
 - e. Inside auxiliary lane Δ ;
 - f. Inside travel lane and adjoining auxiliary lane Δ .

Δ 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.

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 (GWVR) of 16,001 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.

SYMBOLS

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

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LAST REVISION 11/01/17	REVISION	DESCRIPTION:	FDOT	FY 2018-19 STANDARD PLANS	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE	INDEX 102-616	SHEET 1 of 3
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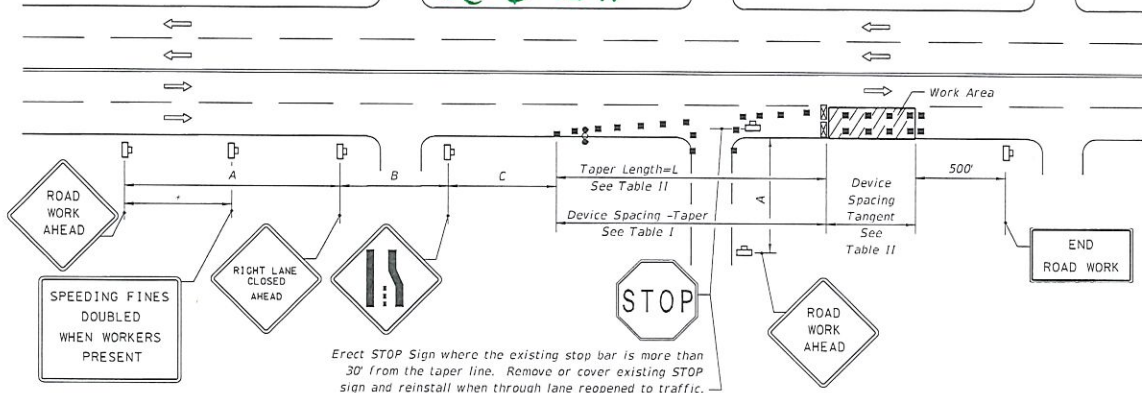
10/23/2017

SE 5th AVE.

SE 3rd AVE.

SE 6th ST.

* NO POSTED SPEED LIMIT. SET UP IN ACCORDANCE W/ 30 MPH SPECS.



Erect STOP Sign where the existing stop bar is more than 30' from the taper line. Remove or cover existing STOP sign and reinstall when through lane reopened to traffic.

RIGHT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET

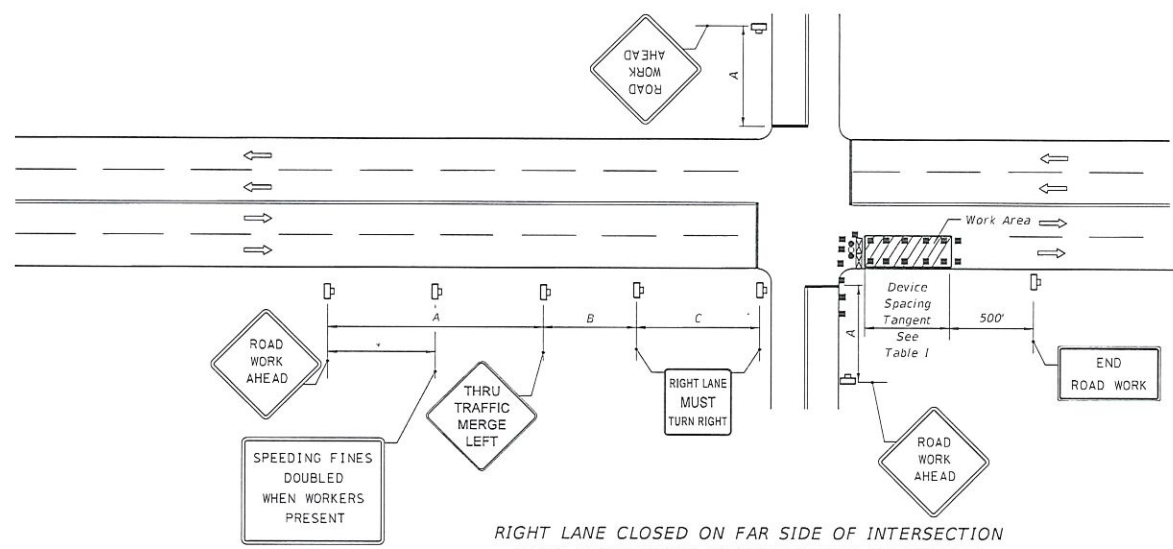
DISTANCE BETWEEN SIGNS			
Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350

* 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.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50

Table II Taper Length - Merge (12' Lateral Transition)		
Speed (mph)	L (ft)	Notes (Merge)
25	125	$L = \frac{WS}{60}$
30	180	
35	245	
40	320	$L = WS$
45	540	

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)



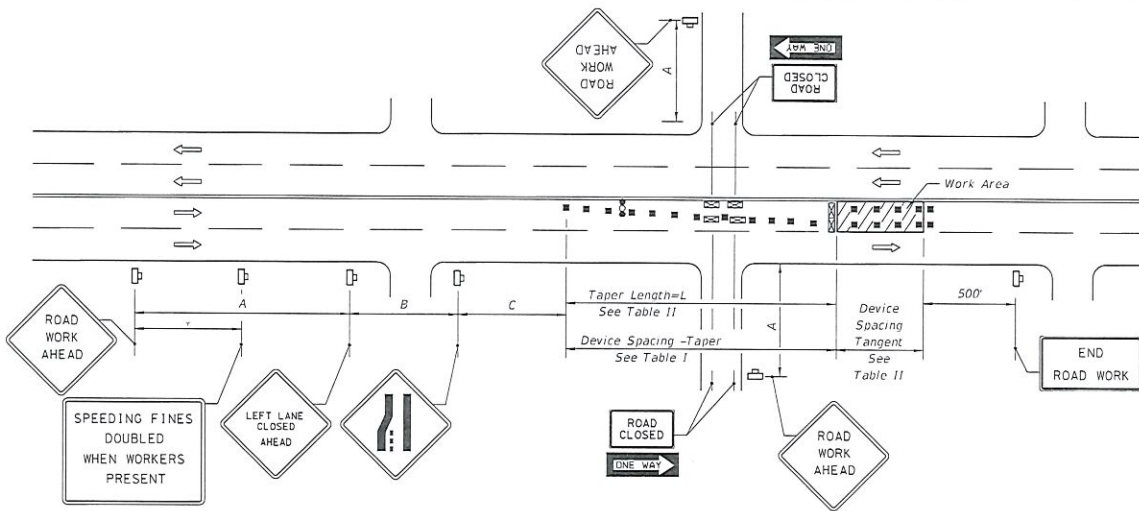
RIGHT LANE CLOSED ON FAR SIDE OF INTERSECTION WITH SIGNIFICANT RIGHT TURNING MOVEMENTS

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

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ATSSA CERTIFICATE #16752

10/22/2017 10:22:34 AM

LAST REVISION	DESCRIPTION:	FDOT	FY 2018-19 STANDARD PLANS	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE	INDEX	SHEET
11/01/17					102-616	2 of 3



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.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50

LEFT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET - RESTRICTED TURNING MOVEMENTS

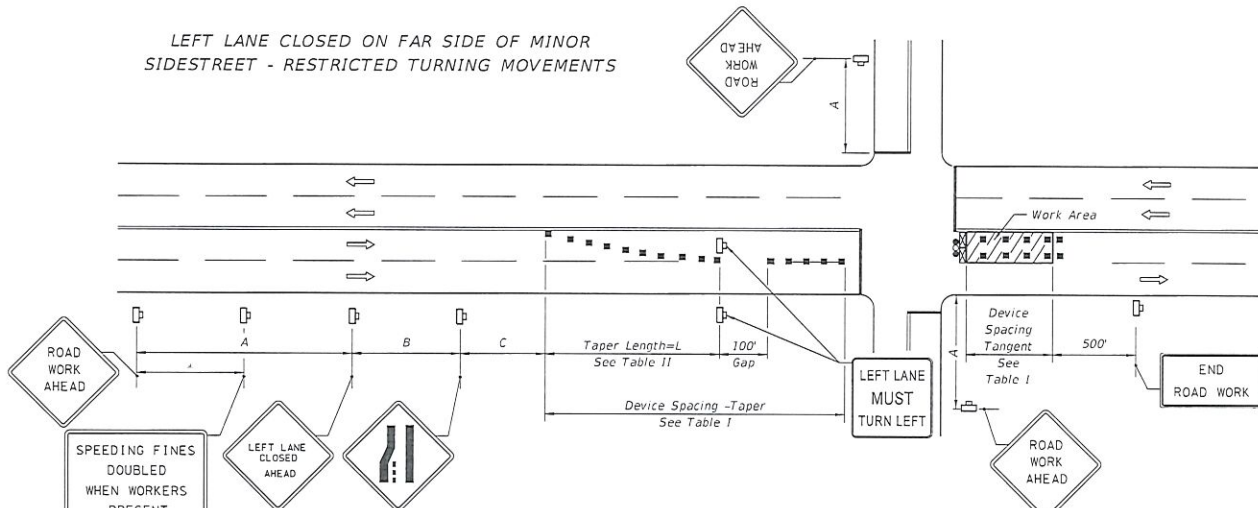


Table II Taper Length - Merge (12' Lateral Transition)		
Speed (mph)	L (ft.)	Notes (Merge)
25	125	$L = \frac{WS^2}{60}$
30	180	
35	245	
40	320	
45	540	$L = WS$

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)

LEFT LANE CLOSED ON FAR SIDE OF INTERSECTION TURNING MOVEMENTS ALLOWED

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 left lane having significant left turning movements, then the left lane may be reopened as a turn bay for left turns only as show in this detail.

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ALL AMERICAN BARRICADES, CORP.
ATSSA CERTIFICATE #16752

10/21/2017 10:23:44 AM

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

SE 4th STREET

S. ANDREWS AVE.

*NO POSTED SPEED LIMIT. SET UP IN ACCORDANCE W/30 MPH SPECS.

DISTANCE BETWEEN SIGNS

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

Table I
Device Spacing

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

Table II
Buffer Space and Taper Length

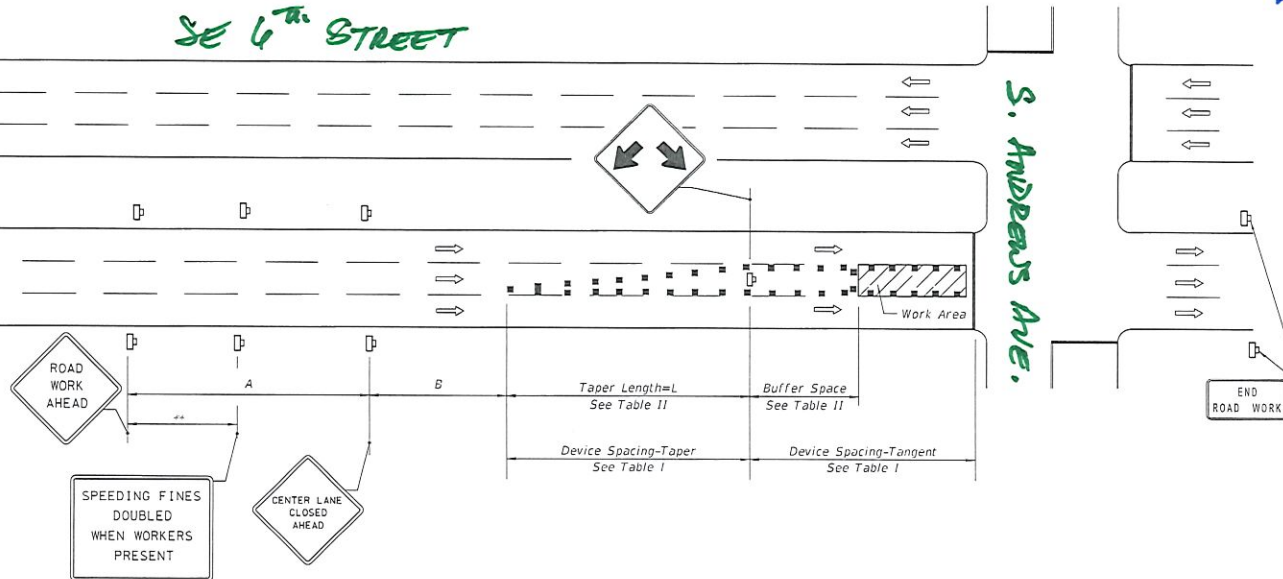
Speed (mph)	Buffer Space	Taper Length (12' Lateral Transition)	
	Dist. (ft.)	L (ft.)	Notes (Merge)
25	155	125	$L = \frac{WS^2}{60}$
30	200	180	
35	250	245	
40	305	320	$L = WS$
45	360	540	

When Buffer Space cannot be attained due to geometric constraints, the greatest attainable length shall be used, but not less than 200 ft.

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)

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRDACH ON THE PAVEMENT REQUIRING THE CLOSURE OF THE CENTER LANE NEAR AN INTERSECTION.



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

SYMBOLS

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

GENERAL NOTES

- Work operations shall be confined to one center travel lane, leaving the adjacent travel lanes open to traffic.
- The merging taper shall direct vehicular traffic into either the right or left lane, but not both.
- 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.
- If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index 102-660.
- For general TCZ requirements and additional information, refer to Index 102-600.

DURATION NOTES

- Signs and buffer space may be omitted if all of the following conditions are met:
 - Work operations are 60 minutes or less.
 - Speed limit is 45 mph or less.
 - No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space and the taper length combined.
 - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
 - Volume and complexity of the roadway has been considered.

LAST
REVISION
11/01/17

DESCRIPTION:



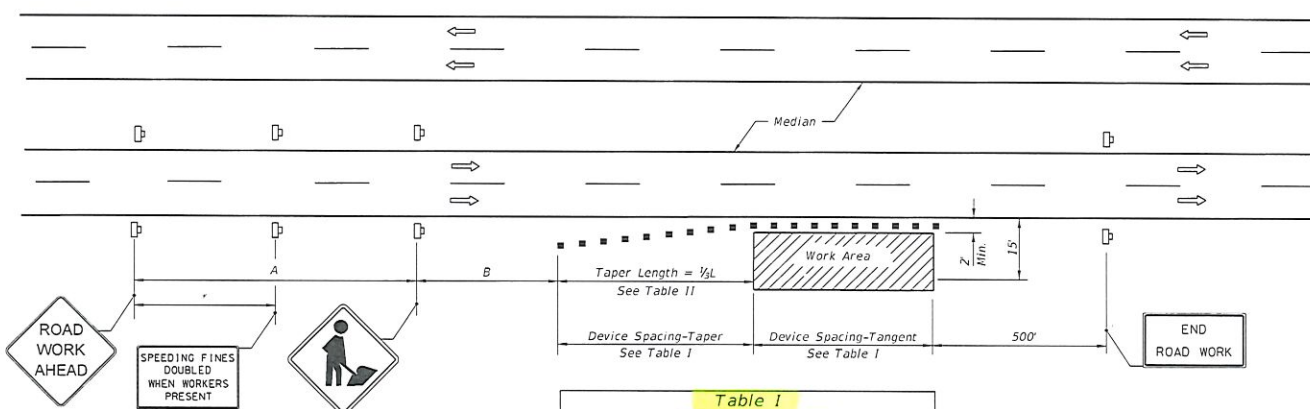
FY 2018-19
STANDARD PLANS

MULTILANE, WORK IN INTERSECTION CENTER LANE

INDEX
102-617

SHEET
1 of 1

10-22-2017



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.

Table I Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

Table II Taper Length - Shoulder				
Speed (mph)	$\frac{1}{2}L$ (ft.)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	$L = \frac{WS^2}{60}$
30	40	50	60	
35	55	68	82	
40	72	90	107	$L = WS$
45	120	150	180	
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

8' minimum shoulder width.
 $\frac{1}{2}L$ = Length of shoulder taper in feet
 W = Width of total shoulder in feet (combined paved and unpaved width)
 S = Posted speed limit (mph)

SYMBOLS

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

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 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.

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.

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LAST REVISION 11/01/17	DESCRIPTION:	FDOT FY 2018-19 STANDARD PLANS	MULTILANE, WORK ON SHOULDER	INDEX 102-612	SHEET 1 of 1
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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:

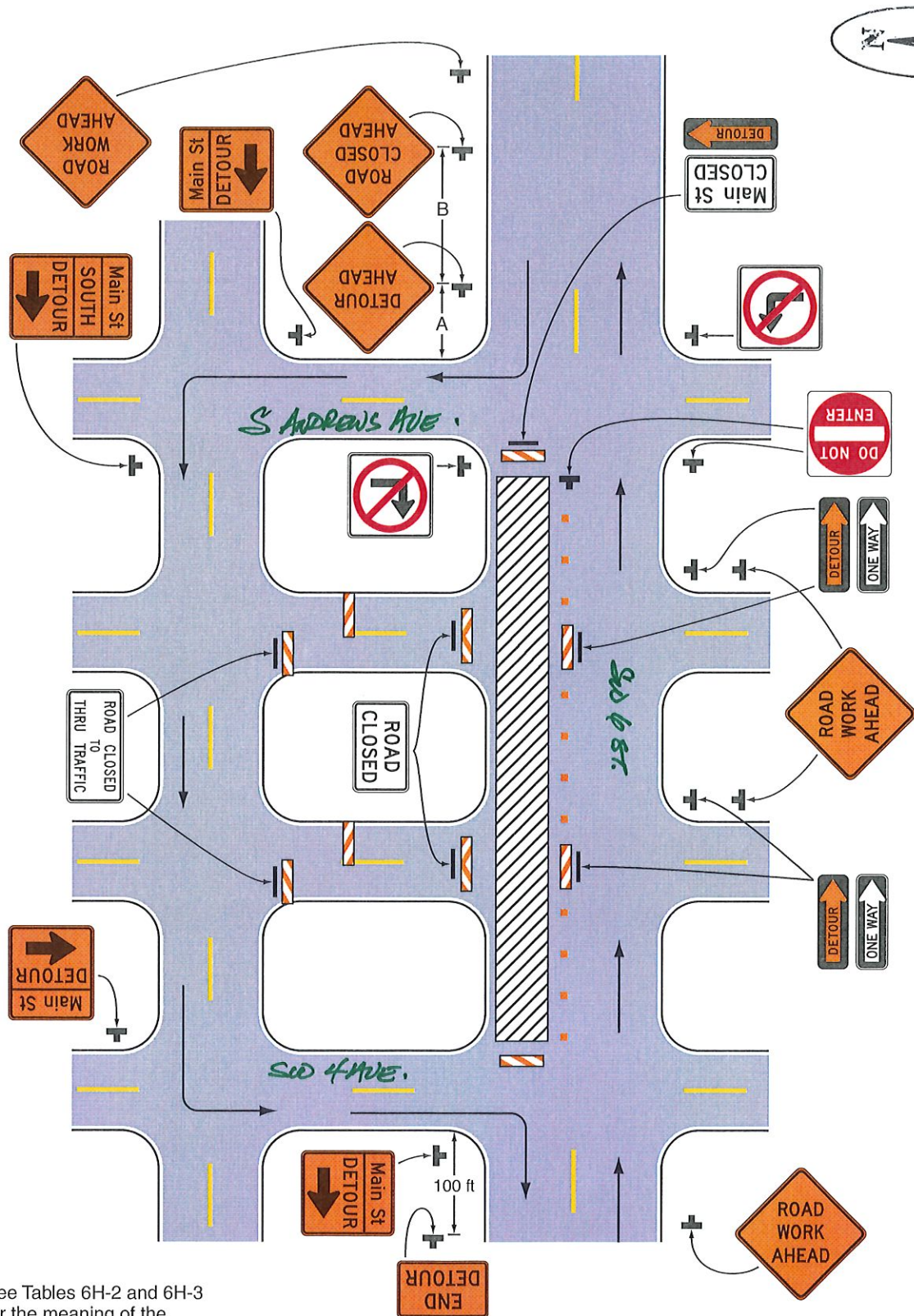
3. The STREET CLOSED legend may be used in place of ROAD CLOSED.
4. Additional DO NOT ENTER signs may be used at intersections with intervening streets.
5. Warning lights may be used on Type 3 Barricades.
6. Detour signs may be located on the far side of intersections.
7. A Street Name sign may be mounted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

ARIEL GARCES
ALL AMERICAN BARRICADES, CORP.
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Figure 6H-19. Detour for One Travel Direction (TA-19)



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

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



www.barricades.com

Date: 03/22/2019 Author: Ariel Garces Project: MAKING STRIDES WALK
 Address: SW 6 St / SW 7 St & Avenue of The Arts
 Comments:
 ATSSA # 16752

NOTE:
 Typical drawing as per the latest edition of the MUTCD and FY2018-19 FDOT
 Standard Plans Index 600 Series Design.
 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.

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

Table 1 Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 75	25	50	50	100

Legend

- ↶ Left Turn Movement
- ↓ Lane Identification + Direction of Traffic
- ▲ Run Route
- Channelizing Device (See Index No. 600)
- ★ Traffic Control Officer
- 🚦 Existing Signalized Intersection

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 Δ ;
 - e. Inside auxiliary lane Δ ;
 - f. Inside travel lane and adjoining auxiliary lane Δ .

Δ 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.

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 (GWVR) of 16,001 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.

SYMBOLS

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

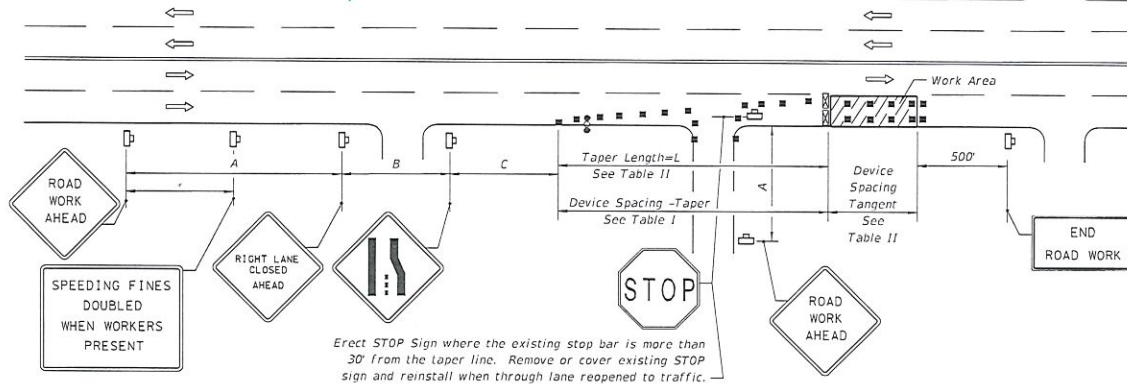
ARIEL GARCES
 ALL AMERICAN BARRICADES, CORP.
 ATSSA CERTIFICATE #16752

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LAST REVISION 11/01/17	DESCRIPTION:	 FY 2018-19 STANDARD PLANS	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE	INDEX 102-616	SHEET 1 of 3
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S. 6TH ST.

S. AVENUE OF THE ARTS / S. 4TH AVE.



Erect STOP Sign where the existing stop bar is more than 30' from the taper line. Remove or cover existing STOP sign and reinstall when through lane reopened to traffic.

RIGHT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET

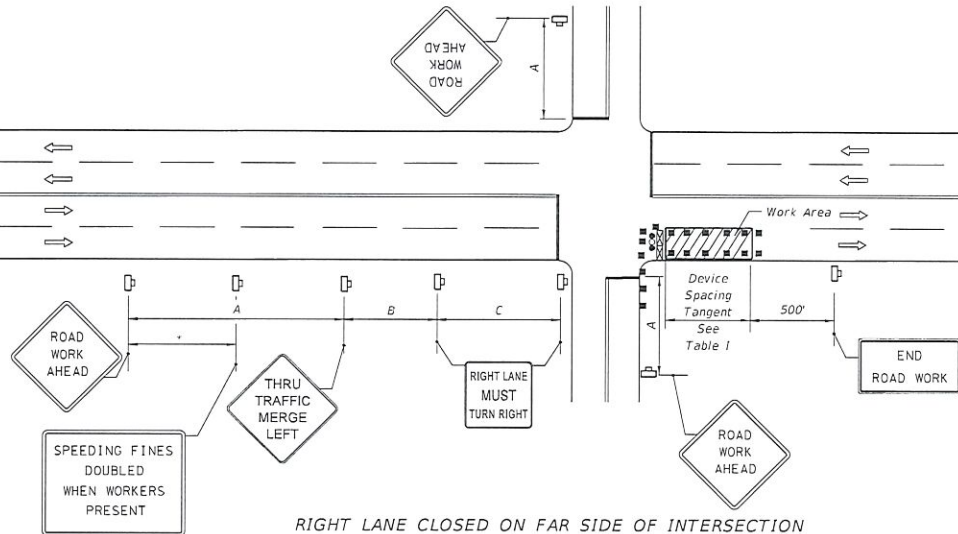
DISTANCE BETWEEN SIGNS			
Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350

* 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 Barricades or Vertical Panels or Drums		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50

Table II Taper Length - Merge (12' Lateral Transition)		
Speed (mph)	L (ft)	Notes (Merge)
25	125	$L = \frac{WS}{60}$
30	180	
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 INTERSECTION WITH SIGNIFICANT RIGHT TURNING MOVEMENTS

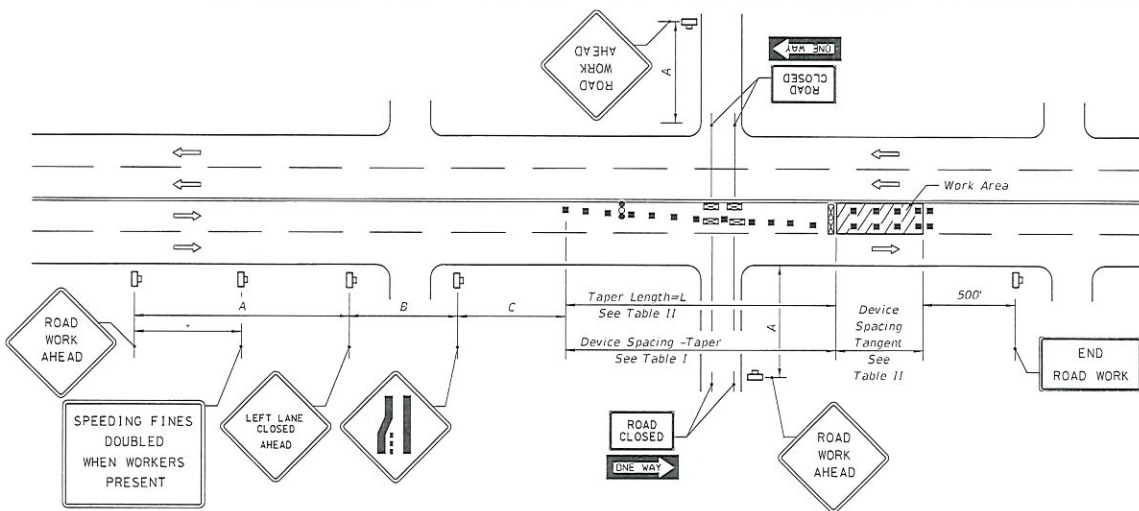
1. The normal procedure is to close on the near side of the intersection any lane that is not carried through the intersection. However, when this results in the closure of a right lane having significant right turning movements, then the right lane may be restricted to right turns only as shown in this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

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

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ALL AMERICAN BARRICADES, CORP.
ATSSA CERTIFICATE #16752

10/21/2017 10:23:14 AM

LAST REVISION	DESCRIPTION	FDOT	FY 2018-19 STANDARD PLANS	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE	INDEX	SHEET
11/01/17					102-616	2 of 3



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.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50

LEFT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET - RESTRICTED TURNING MOVEMENTS

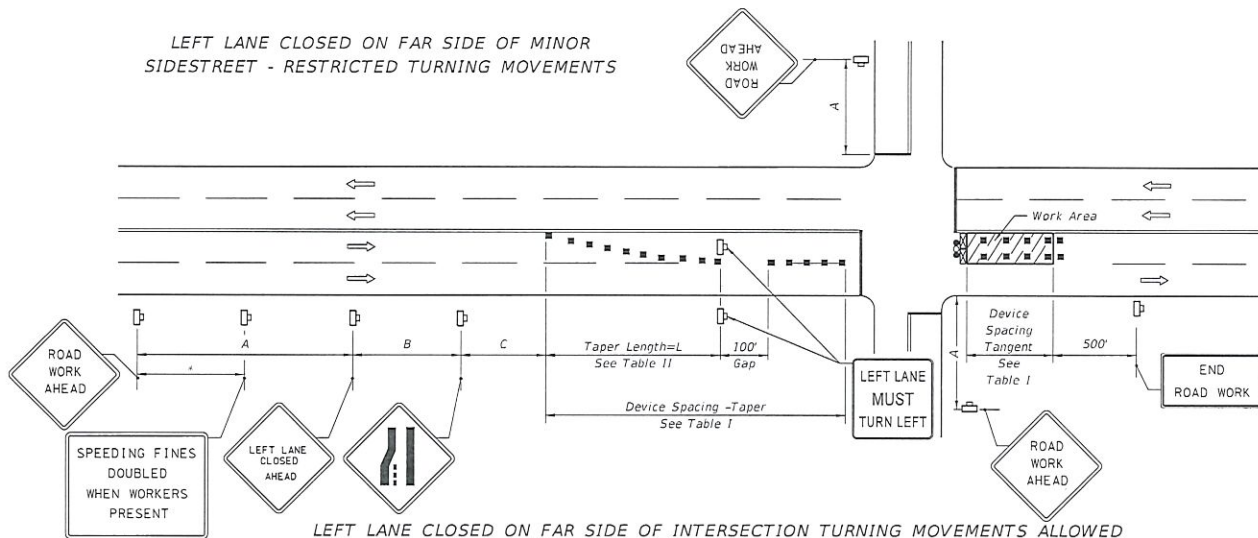


Table II Taper Length - Merge (12' Lateral Transition)		
Speed (mph)	L (ft.)	Notes (Merge)
25	125	$L = \frac{WS^2}{60}$
30	180	
35	245	
40	320	
45	540	$L = WS$

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)

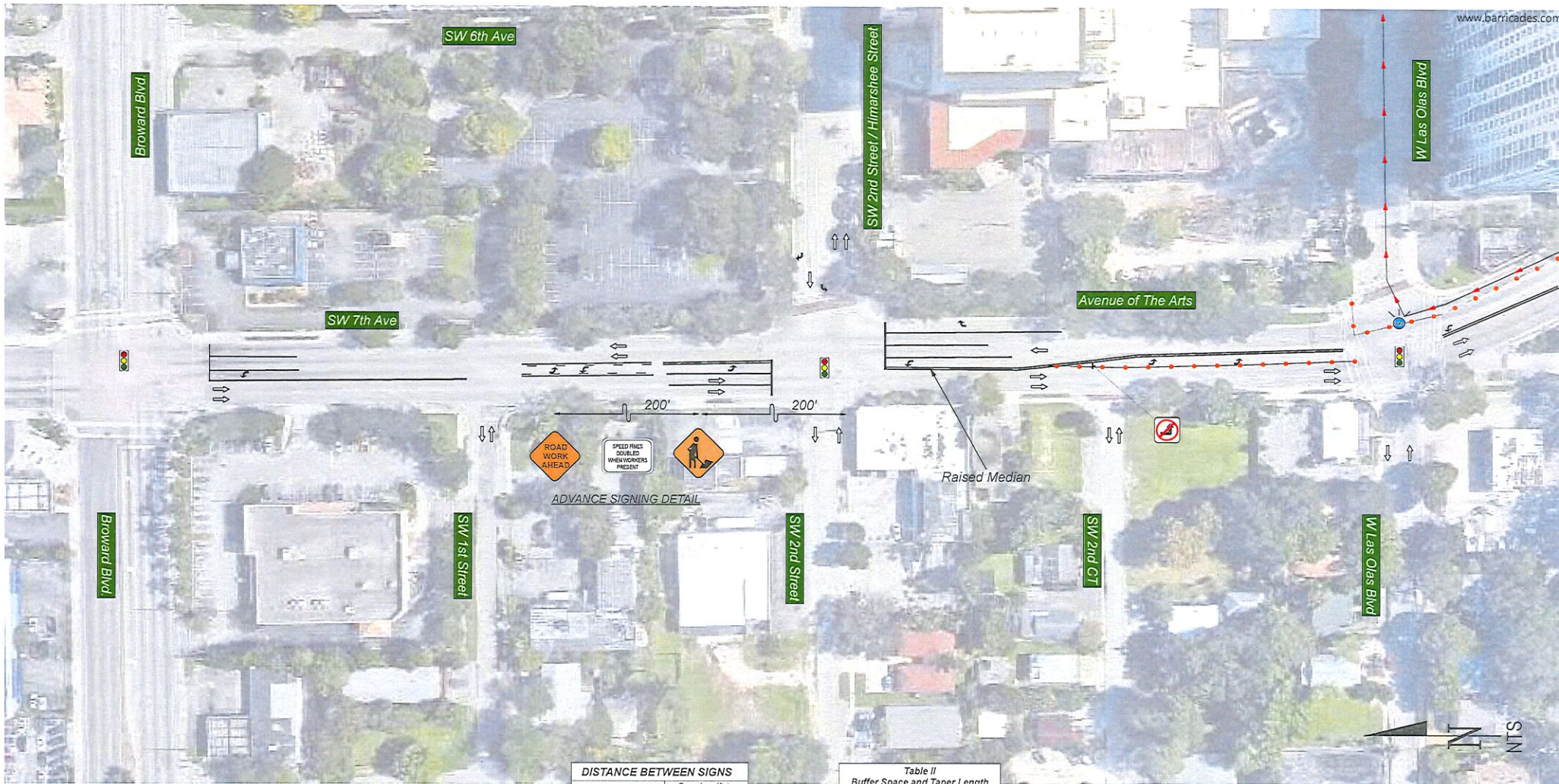
LEFT LANE CLOSED ON FAR SIDE OF INTERSECTION TURNING MOVEMENTS ALLOWED

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 left lane having significant left turning movements, then the left lane may be reopened as a turn bay for left turns only as show in this detail.

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

10-22-2017
 10-22-2017

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



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 conflict with pathway(s). Refer to the FY 2017-18 FDOT Design Standards Index 600 for specifications.
5. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD), FDOT, APL with respect to approving agency permit provisions.
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 distances.
9. MOT device(s) placement on plans are an approximate.
10. PLANS NOT TO SCALE.

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

**Table I
Device Spacing**

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

**Table II
Buffer Space and Taper Length**

Speed (mph)	Buffer Space (ft.)	Taper Length (12' Lateral Transition)		Notes (Merge)
		Dist. (ft.)	L (ft.)	
25	155	125		
30	200	180		
35	250	245		$L = WS^2$ 60
40	305	320		
45	360	540		
50	425	600		
55	495	660		
60	570	720		$L = WS$
65	645	780		
70	730	840		



Date: 03/22/2019 Author: Ariel Garces Project: MAKING STRIDES WALK
Address: SW 2 Street & Avenue of The Arts

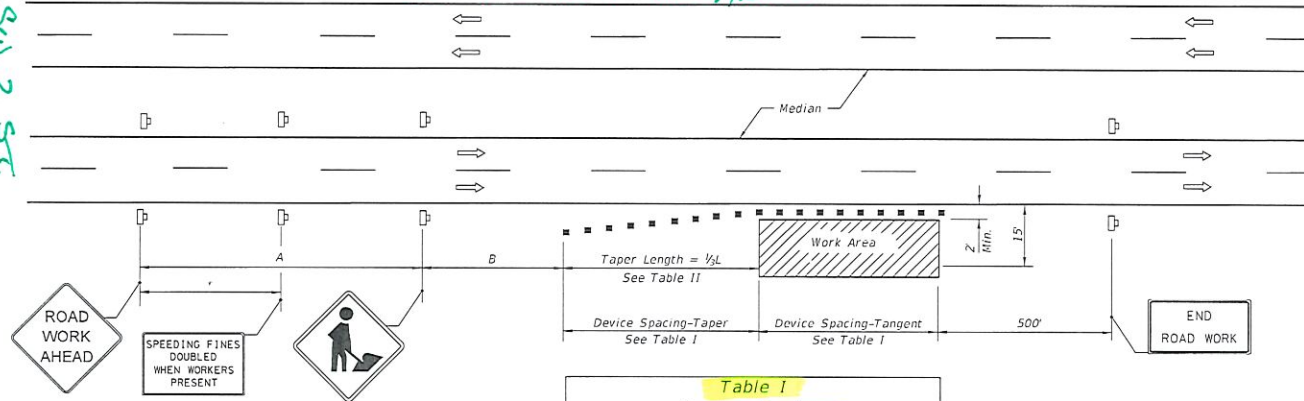
Comments:
ATSSA # 16752

NOTE:
Typical drawing as per the latest edition of the MUTCD and FY2018-19 FDOT
Standard Plans Index 600 Series.
Drawing not 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.

S. AVENUE OF THE ARTS.

SW 2 ST.

W. LHS OLAS BLVD.



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.

Table I Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

Table II Taper Length - Shoulder				
Speed (mph)	1/2 L (ft.)			
	8' Shldr.	10' Shldr.	12' Shldr.	Notes
25	28	35	42	L = WS / 60
30	40	50	60	
35	55	68	82	
40	72	90	107	L = WS
45	120	150	180	
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

8' minimum shoulder width.

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)

SYMBOLS

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

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 MOT-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 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.

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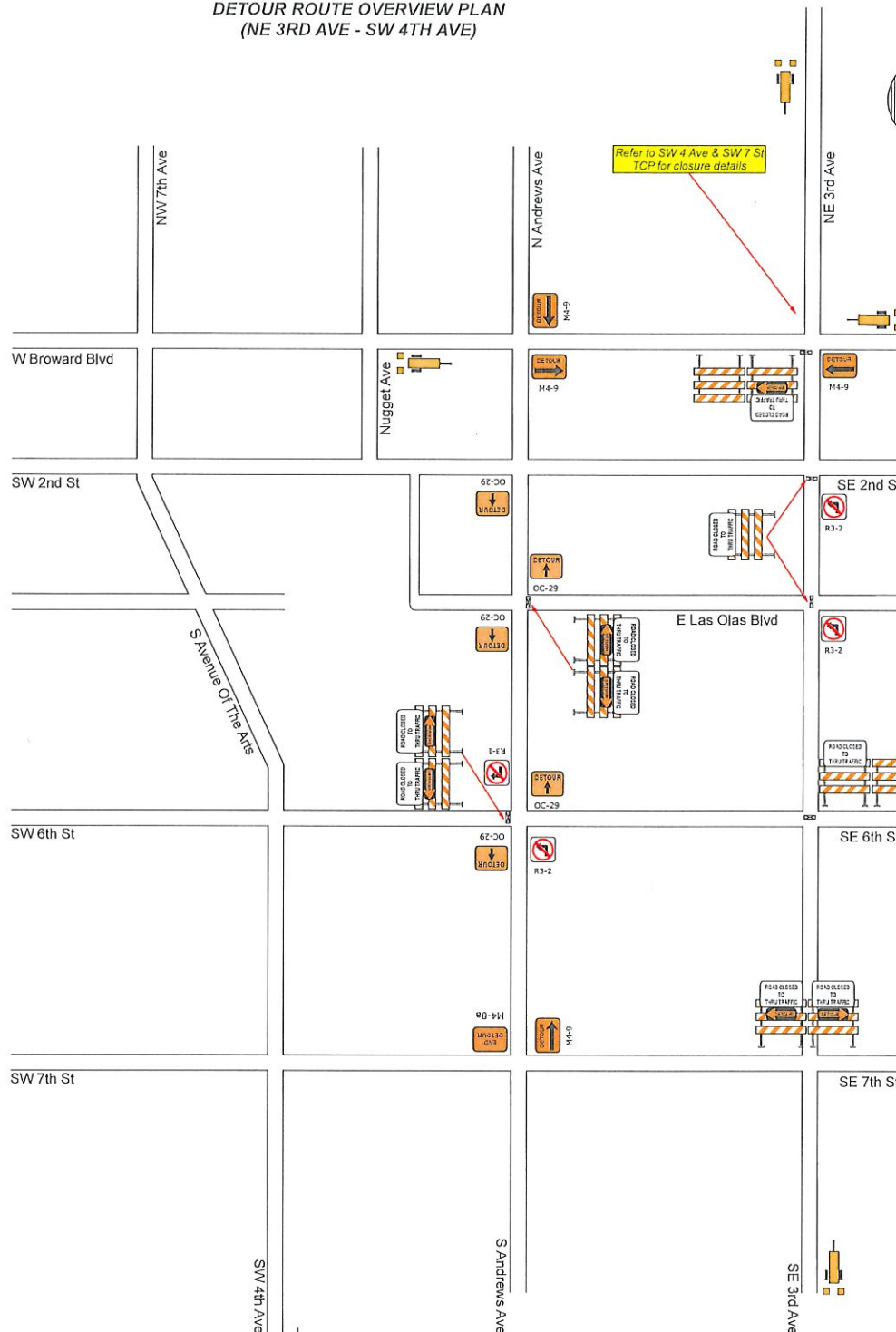
CONDITIONS

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.

10/22/2017 10:22:30 AM

LAST REVISION	DESCRIPTION:	FDOT	FY 2018-19 STANDARD PLANS	MULTILANE, WORK ON SHOULDER	INDEX	SHEET
11/01/17					102-612	1 of 1

DETOUR ROUTE OVERVIEW PLAN
(NE 3RD AVE - SW 4TH AVE)

**(SB/NB) SE 3 AVE MSG 1**

SB 3 AVE	5-11-18
TO CLOSE	7:30AM-
SATURDAY	11 AM

(SB/NB) SE 3 AVE MSG 2

SB 3 AVE	FOLLOW
CLOSED	DETOUR
AHEAD	ROUTE

(EB) BROWARD BLVD MSG 1

SB 3 AVE	5-11-18
TO CLOSE	7:30AM-
SATURDAY	11 AM

(EB) BROWARD BLVD MSG 2

SB 3 AVE	FOLLOW
CLOSED	DETOUR
AHEAD	ROUTE

(WB) BROWARD BLVD MSG 1

SB 3 AVE	5-11-18
TO CLOSE	7:30AM-
SATURDAY	11 AM

(WB) BROWARD BLVD MSG 2

SB 3 AVE	FOLLOW
CLOSED	DETOUR
AHEAD	ROUTE

SW 4 AVE MSG 1

NB 4 AVE	5-11-18
TO CLOSE	7:30AM-
SATURDAY	11 AM

SW 4 AVE MSG 2

NB 4 AVE	FOLLOW
CLOSED	DETOUR
AHEAD	ROUTE

Legend

- PCMS, Portable Changeable Message Sign w/Channelizing Devices
- Type III Barricade

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- Access shall be given to local residents, public transportation and emergency response vehicles.
- Accommodations to be made for Pedestrian traffic should the work be in conflict with pathway(s). Refer to the FY 2018-19 FDOT Design Standards Index 660 for specifications.
- All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD), FDOT, APL with respect to approving agency permit provisions.
- Field conditions to be considered when placing MOT devices.
- TCP/MOT Plan NOT TO SCALE. 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 distances.
- MOT device(s) placement on plans are an approximate and may be adjusted to suit existing field conditions.
- PLANS NOT TO SCALE.

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50 to 75	25	50	50	100

Table II Buffer Space and Taper Length				
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35	250	245		$L = \frac{WS^2}{60}$
40	305	320		
45	360	540		
50	425	600		
55	495	660		$L = WS$
60	570	720		
65	645	780		
70	730	840		

Date: 03/22/2019 Author: Ariel Garces Project: MAKING STRIDES WALK Address: NE 3rd Ave / SW 4th Ave TCP: DETOUR PLAN

Comments:
ATSSA # 16752

NOTE:
Typical drawing as per the latest edition of the MUTCD and FY2018. Standard Plans Index 600 Series Design.
Drawing not to scale.
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