

TABLE 1

DEVICE SPACING

Number of Devices	Minimum Spacing		Maximum Spacing		Distance Between Signs	Sign Spacing
	Permitted	Required	Permitted	Required		
1	20'	20'	20'	20'	A, B, C, D	150'
2	20'	20'	20'	20'	A, B, C, D	150'
3	20'	20'	20'	20'	A, B, C, D	150'
4	20'	20'	20'	20'	A, B, C, D	150'
5	20'	20'	20'	20'	A, B, C, D	150'
6	20'	20'	20'	20'	A, B, C, D	150'
7	20'	20'	20'	20'	A, B, C, D	150'
8	20'	20'	20'	20'	A, B, C, D	150'
9	20'	20'	20'	20'	A, B, C, D	150'
10	20'	20'	20'	20'	A, B, C, D	150'
11	20'	20'	20'	20'	A, B, C, D	150'
12	20'	20'	20'	20'	A, B, C, D	150'
13	20'	20'	20'	20'	A, B, C, D	150'
14	20'	20'	20'	20'	A, B, C, D	150'
15	20'	20'	20'	20'	A, B, C, D	150'
16	20'	20'	20'	20'	A, B, C, D	150'
17	20'	20'	20'	20'	A, B, C, D	150'
18	20'	20'	20'	20'	A, B, C, D	150'
19	20'	20'	20'	20'	A, B, C, D	150'
20	20'	20'	20'	20'	A, B, C, D	150'

Project Information:
 State: 0271 0201 8 Number: 0001
 Address: 1 Andrews & SE 2 Street
 Client: FLSA # 10132

NOTE:
 Typical drawing as per the latest edition of the MUTCD and F2017 FDOT
 Plans and Specifications.
 Drawing not to scale.
 All dimensions shall not warrant. The traffic control shall be shown.
 The station must be provided by personnel on-site and handed to traffic.

- Legend**
- Cone
 - Lane Identification + Direction of Traffic
 - Sign
 - Traffic Control Officer

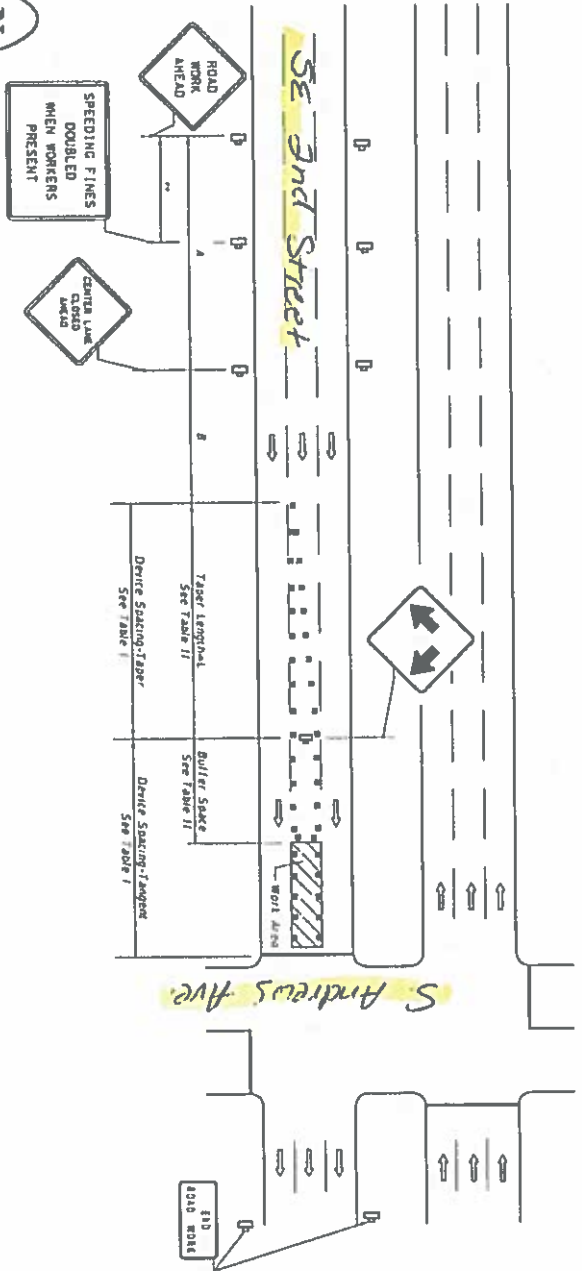
- General Traffic Plan (MOT) Notes:**
1. Copy of approved 11 x 17 (17) MOT drawing to be reviewed onsite by contractor at all times.
 2. No change to TCM/MOT drawing without prior consent of the approving government agency and the contractor.
 3. Access shall be given to local residents, public transportation and emergency response vehicles.
 4. Access shall be given to local residents, public transportation and emergency response vehicles.
 5. Access shall be given to local residents, public transportation and emergency response vehicles.
 6. Access shall be given to local residents, public transportation and emergency response vehicles.
 7. Access shall be given to local residents, public transportation and emergency response vehicles.
 8. Access shall be given to local residents, public transportation and emergency response vehicles.
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 10. Access shall be given to local residents, public transportation and emergency response vehicles.
 11. Access shall be given to local residents, public transportation and emergency response vehicles.
 12. Access shall be given to local residents, public transportation and emergency response vehicles.
 13. Access shall be given to local residents, public transportation and emergency response vehicles.
 14. Access shall be given to local residents, public transportation and emergency response vehicles.
 15. Access shall be given to local residents, public transportation and emergency response vehicles.
 16. Access shall be given to local residents, public transportation and emergency response vehicles.
 17. Access shall be given to local residents, public transportation and emergency response vehicles.
 18. Access shall be given to local residents, public transportation and emergency response vehicles.
 19. Access shall be given to local residents, public transportation and emergency response vehicles.
 20. Access shall be given to local residents, public transportation and emergency response vehicles.

LAST REVISION 07/01/15	DESCRIPTION: FDOT DESIGN STANDARDS	FY 2017-18	MULTILANE, WORK IN INTERSECTION CENTER LANE	INDEX NO. 617	SHEET NO. 1 OF 1
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- SYMBOLS**
- ▨ Work Area
 - Channelizing Device (See Index No. 600)
 - D Work Zone Sign
 - ▶ Advance Warning Arrow Board
 - ⇄ Lane Identification - Direction of Traffic



• 500' before the ROAD WORK AHEAD sign at highway between signs whichever is less



GENERAL NOTES

1. Work operations shall be confined to one center travel lane, leaving the adjacent travel lanes open to traffic.
2. The moving labor shall direct vehicular traffic into either the right or left lane, but not both.
3. When vehicles in a passing zone detect the line of signs to TCZ signs, the signs shall be most measured and located in accordance with Index No. 17302.
4. If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index No. 660.
5. For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES

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

ARIEL GARCES
ALL AMERICAN BARRICADES CORP
ATSSA CERTIFICATE #16752

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

DISTANCE BETWEEN SIGNS

Speed	Spacing (ft.)
45 mph or less	250
45 mph	250

Table I
Device Spacing
 Max. Distance Between Devices (ft.)

Speed (mph)	Cones or Tubular Markers	Type I or Type II	Flares or Drums	Taper	Tangent
25	25	50	25	50	50
30	30	60	30	60	60
35	35	70	35	70	70
40	40	80	40	80	80
45	45	90	45	90	90

Table II
Buffer Space and Taper Length

Speed (mph)	Dist. (ft.)	L (ft.)	Notes (Merge)
25	135	125	
30	200	180	
35	270	245	L = WS ² / 50
40	365	320	
45	480	400	L = WS ²

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 15°, 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)



SE 3rd St

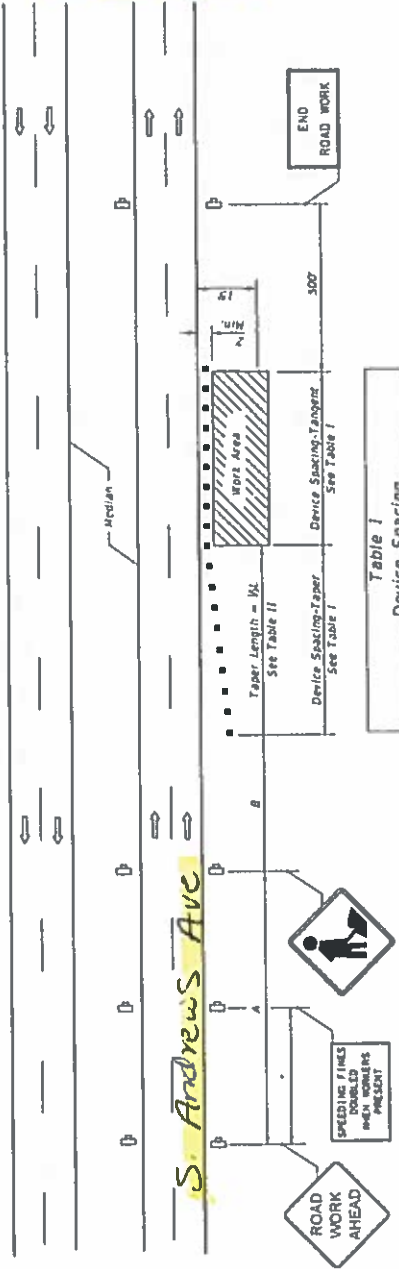


Table II
Taper Length - Shoulder

Speed (mph)	1/4 L (ft.)		Notes
	S	W	
25	28	35	42
30	40	50	60
40	72	90	107
45	120	150	180
50	133	167	200
55	147	183	220
60	160	200	240
65	173	217	260
70	187	233	280

S = minimum shoulder width.
W = length of shoulder taper in feet

Table I
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)	
	Cones or Tubular Markers	Barriercanes or Vertical Panels or Drums
25	25	25
30 to 45	25	50
50 to 70	25	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

A = 250' beyond 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 speeds slower than 10 MPH below the posted speed, place a WOT-5-98 sign in the ROAD WORK AHEAD sign location and shift the ROAD WORK AHEAD sign upstream 500 ft.
- This TCZ sign 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 entered 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 TCZ zone, additional TTC devices shall be placed in accordance with other applicable TCZ Treaties.
- For general TCZ requirements and additional information, refer to Index No. 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 No. 600)
 - Work Zone Sign
 - Lane Identification + Direction of Traffic

CONDITIONS

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

ARIEL GARCES
ALL AMERICAN BARRICADES CORP.
ATSSA CERTIFICATE #16752

INDEX NO. 612

MULTILANE, WORK ON SHOULDER

FDOT DESIGN STANDARDS

DESCRIPTION: FY 2017-18

LAST REVISION 01/01/16

SHEET NO. 1 of 1

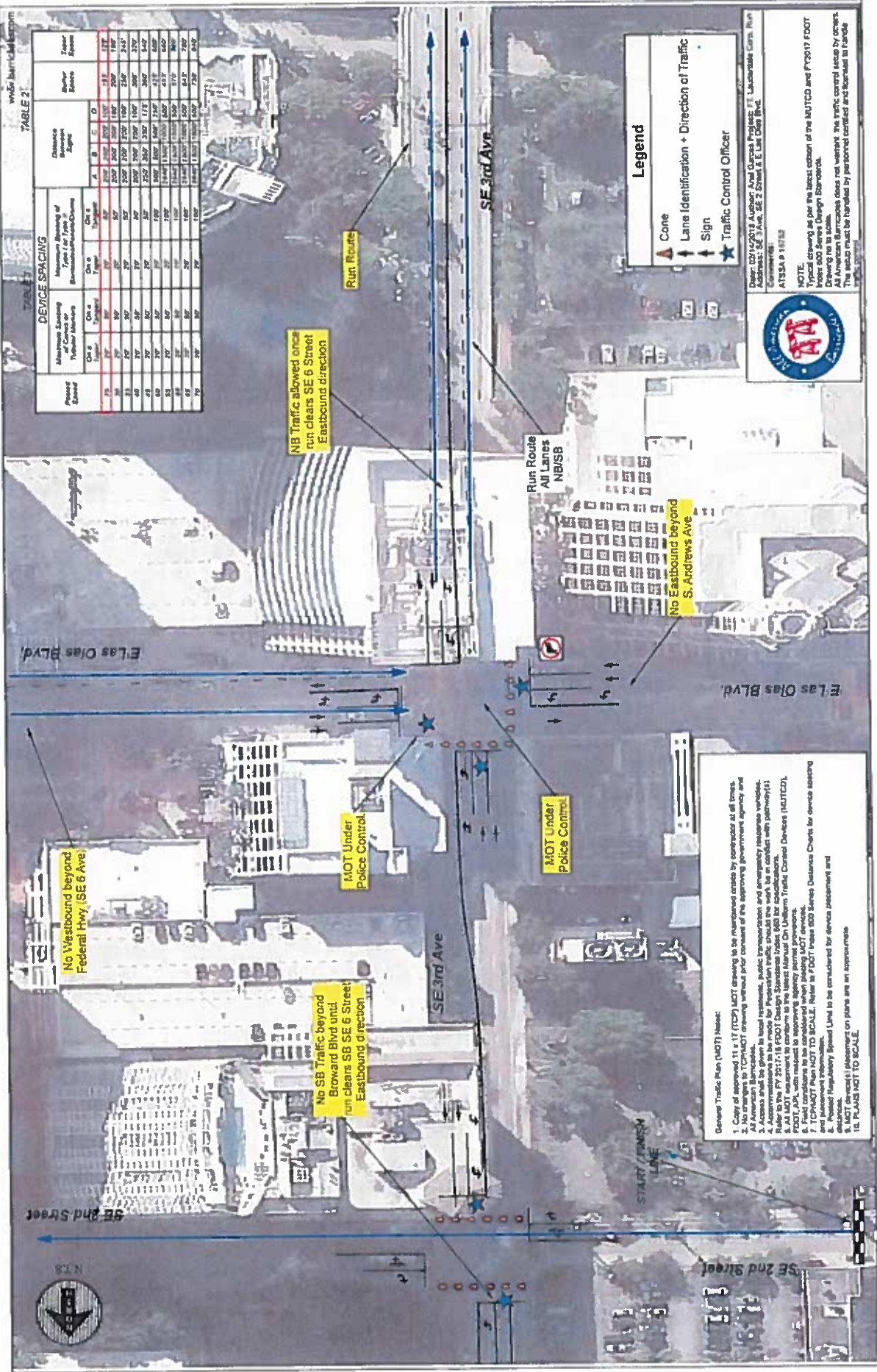


TABLE 2
DEVICE SPACING

Speed Limit	Minimum Spacing (Feet)		Maximum Spacing of Devices (Feet)				Total Spacing
	On A	On B	A	B	C	D	
75	30'	30'	250'	250'	150'	150'	111'
65	30'	30'	200'	200'	100'	100'	107'
55	30'	30'	150'	150'	75'	75'	103'
45	30'	30'	100'	100'	50'	50'	99'
35	30'	30'	75'	75'	37'	37'	93'
25	30'	30'	50'	50'	25'	25'	87'
15	30'	30'	25'	25'	12'	12'	80'
10	30'	30'	15'	15'	7'	7'	75'
5	30'	30'	7'	7'	4'	4'	71'
0	30'	30'	4'	4'	2'	2'	67'

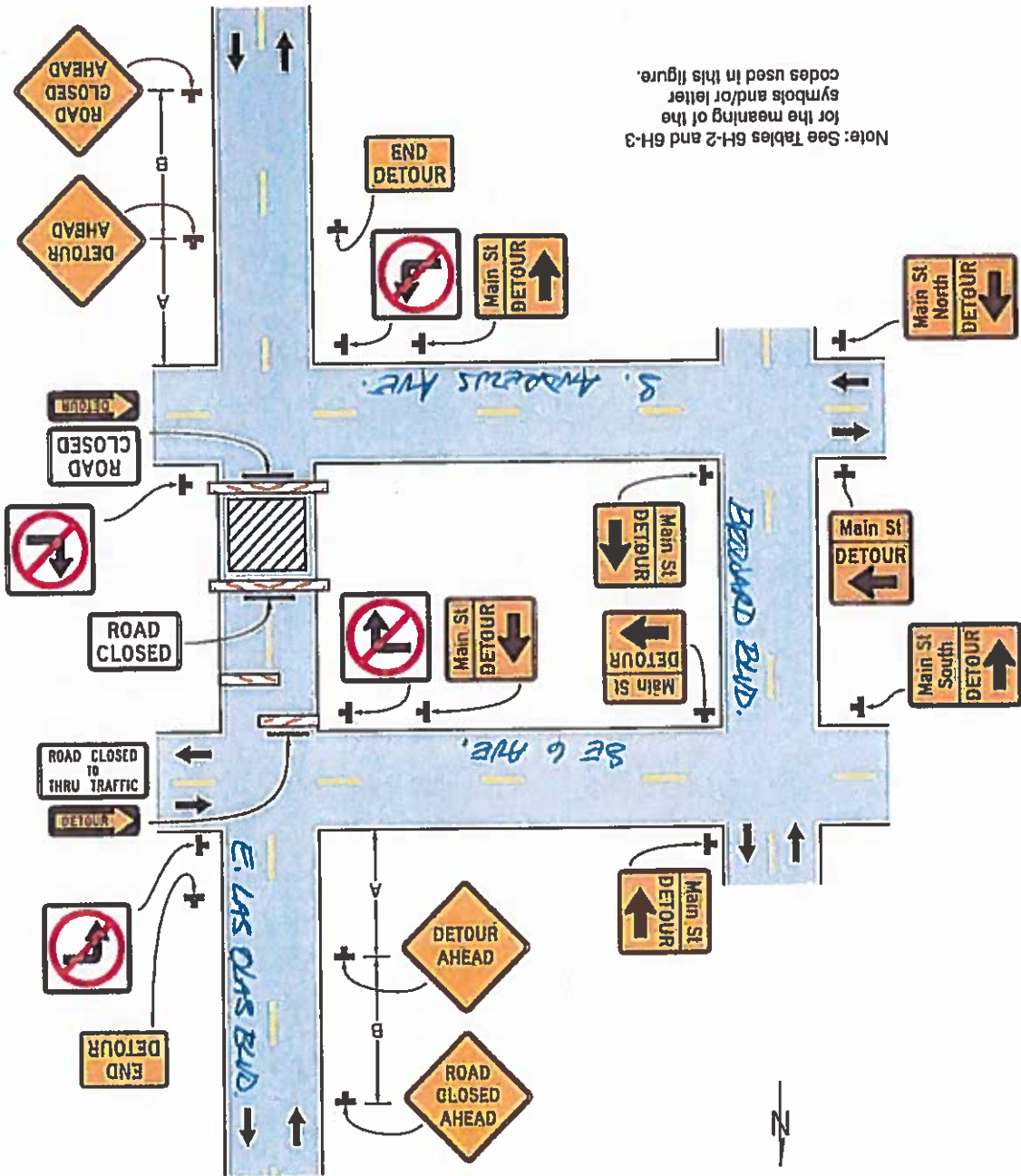
- General Traffic Run (MOT) Note:
1. Copy of approved 11 e.17 (TCP) MOT drawing to be maintained unless by contract at all times.
 2. No contract MOT drawing unless prior consent of the approving government agency.
 3. Access shall be given to local residents, public transportation and emergency response vehicles.
 4. Approving agency shall be made for Preparation Traffic Studies and for Traffic Safety (TSM) studies.
 5. All MOT drawings shall be prepared in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), PDOT, APL, with respect to approving agency permit provisions.
 6. Field conditions to be considered when preparing MOT drawings.
 7. "Approved Regulatory Speed Limit" to be considered for device placement and placement.
 8. "Approved Regulatory Speed Limit" to be considered for device placement and placement.
10. PLANS NOT TO SCALE.



Dear 02/16/2018 Author: Avid Graphics Project: 11 Lakeland Court, Run
 Address: SE 7 Ave, SE 2 Street, SE 4 Lane Blvd.
 Comments:
 ATSSA # 1974
 NOTE:
 Typical drawing as per the latest edition of the MUTCD and FPO17 FOOT
 from 000 Series Design Standards.
 Drawing not to scale.
 If American Traffic Safety Association, the traffic control signs by contract.
 The drawing shall be handled by personnel certified and licensed in Florida.
 FPO17-017

- Legend**
- Cone
 - Lane Identification - Direction of Traffic
 - Sign
 - Traffic Control Officer

Typical Application 20



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

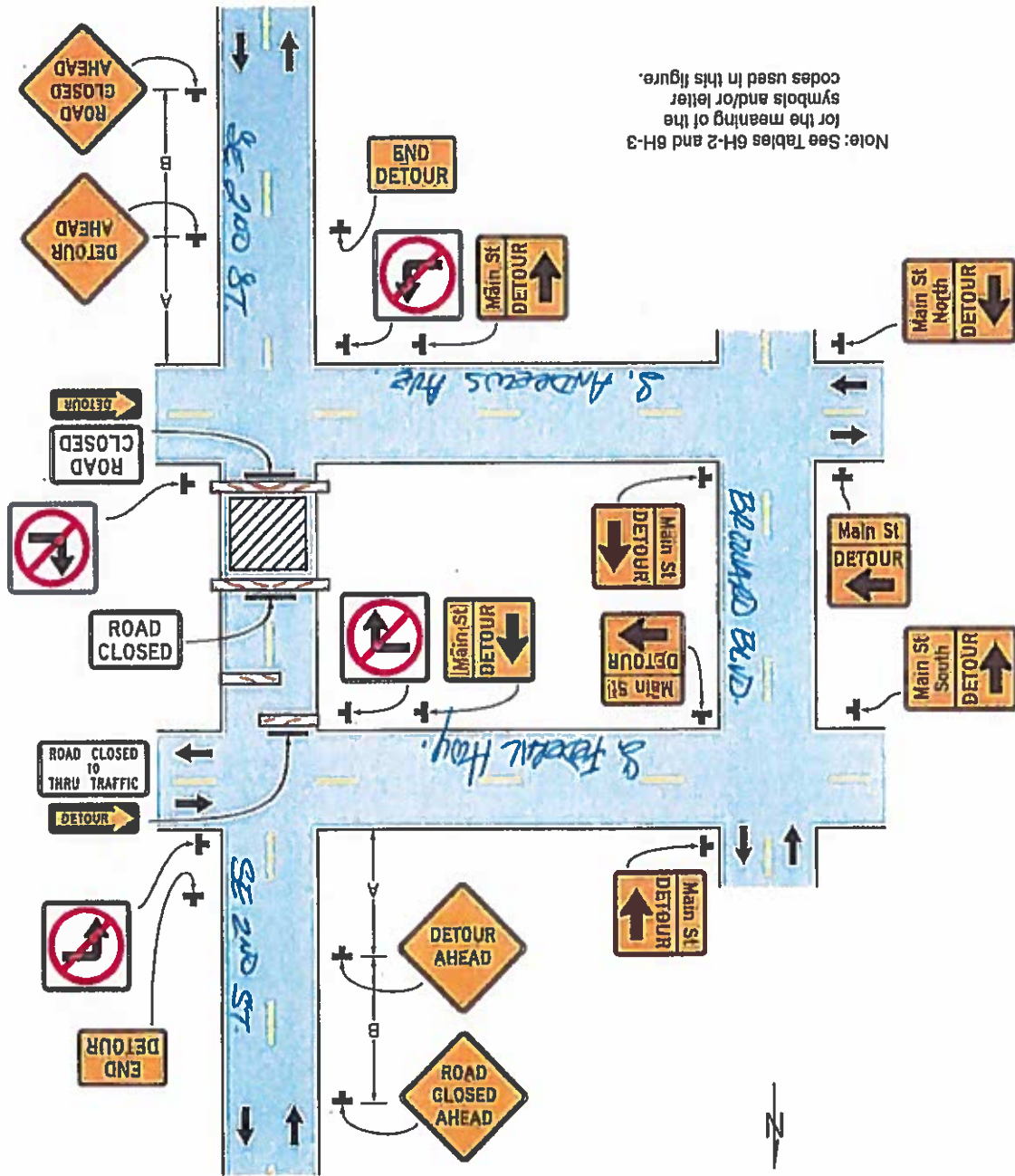
Figure 6H-20. Detour for a Closed Street (TA-20)

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

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



Typical Application 20

Ariel GARCIA
All American Barricades, Corp
ATSSA Certificate #16752

December 2009

Sec. 6H.01

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

Support:

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

Standard:

- 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.
- 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.
- 4. Flashing warning lights may be used on Type 3 Barricades.
- 3. Flashing warning lights and/or flags may be used to call attention to the advance warning signs.

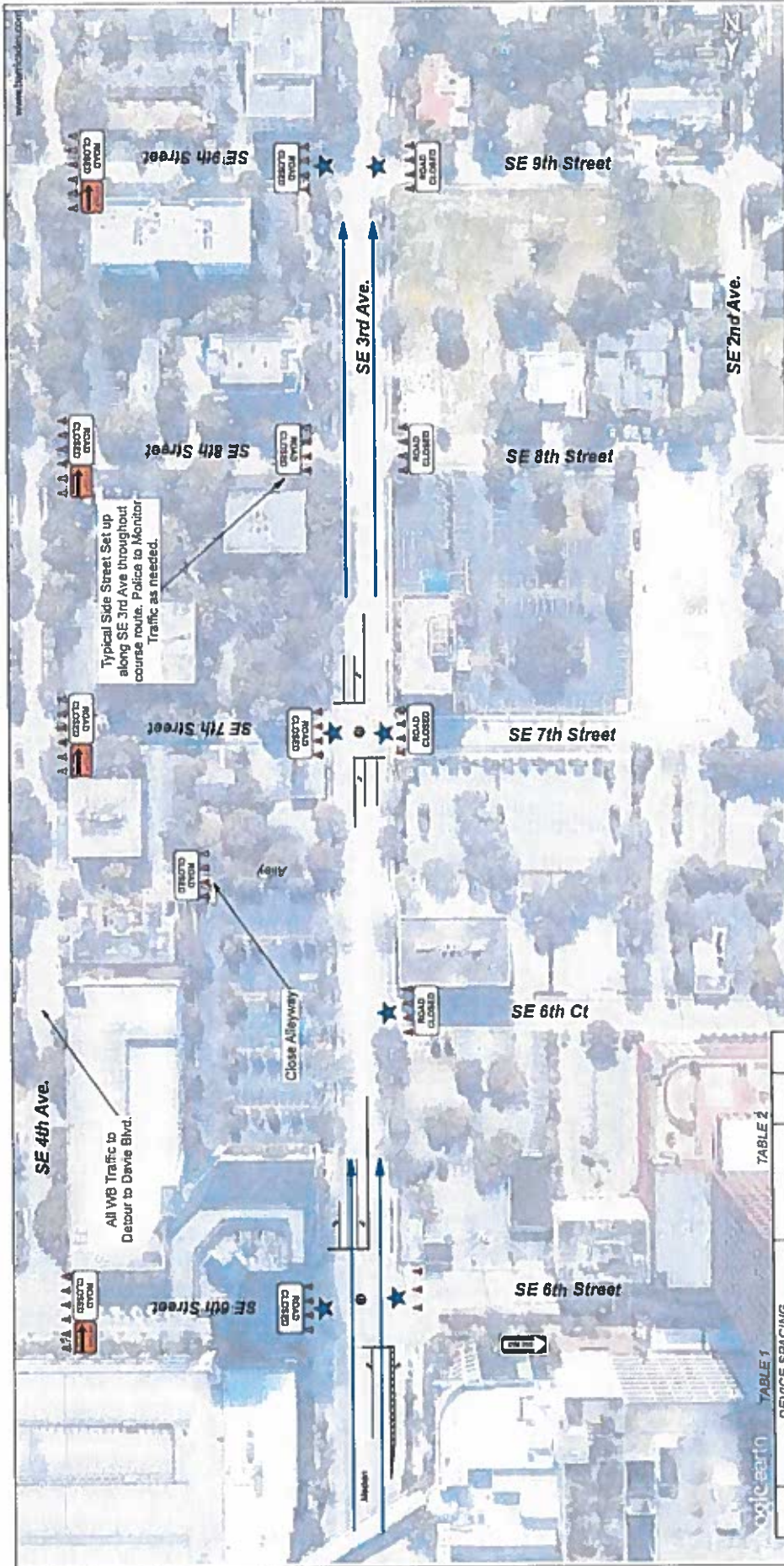
Option:

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

Guidance:

Notes for Figure 6H-20—Typical Application 20

Detour for a Closed Street



Date: 02/14/2018 Author: Arvil Garcia Project: FT. Lauderdale Corp. Run
 Address: SE 3rd Ave/SE 6 St - SE 9 St
 Comments:
 ATSSA 8 18752
 NOTE
 This drawing is for the latest edition of the MUTCD and PY2011 FDOT
 for 600 Series Design Standards.
 Drawing is 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

	Cone
	Traffic Control Officer

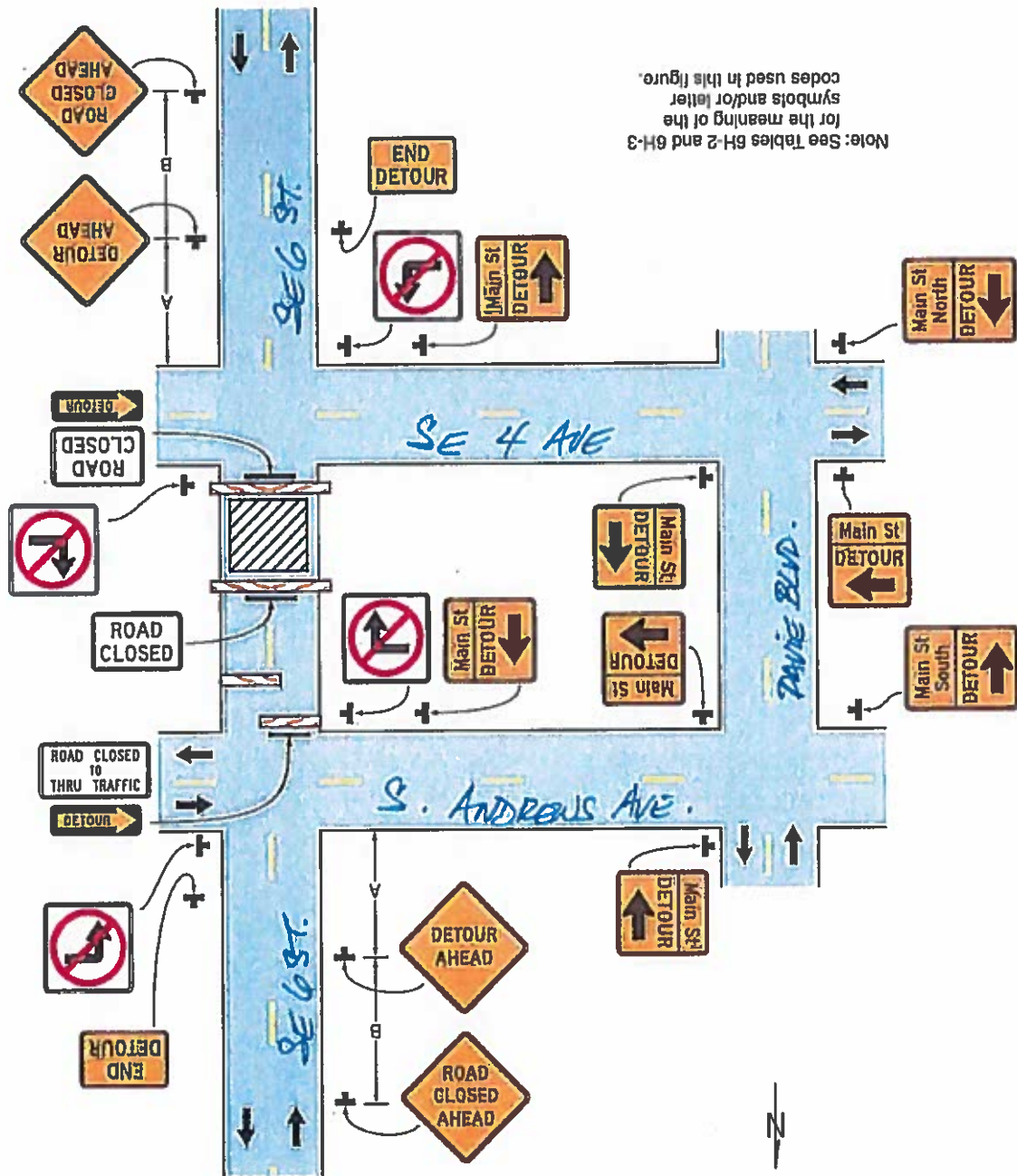
TABLE 1

Posted Speed	DEVICE SPACING					Minimum Spacing of Barricades/Plastic Cones	Distance Between Signs	Barrier Spacing	Taper Spacing
	On A	On B	On C	On D	On E				
25	20'	20'	20'	20'	20'	100'	100'	100'	100'
35	30'	30'	30'	30'	30'	150'	150'	150'	150'
40	30'	30'	30'	30'	30'	150'	150'	150'	150'
45	30'	30'	30'	30'	30'	150'	150'	150'	150'
55	30'	30'	30'	30'	30'	150'	150'	150'	150'
65	30'	30'	30'	30'	30'	150'	150'	150'	150'
75	30'	30'	30'	30'	30'	150'	150'	150'	150'

TABLE 2

Distance Between Signs	Distance Between Signs				Barrier Spacing	Taper Spacing
	A	B	C	D		
100'	200'	200'	200'	100'	100'	100'
150'	300'	300'	300'	150'	150'	150'
200'	400'	400'	400'	200'	200'	200'
250'	500'	500'	500'	250'	250'	250'
300'	600'	600'	600'	300'	300'	300'
350'	700'	700'	700'	350'	350'	350'
400'	800'	800'	800'	400'	400'	400'
450'	900'	900'	900'	450'	450'	450'
500'	1000'	1000'	1000'	500'	500'	500'
550'	1100'	1100'	1100'	550'	550'	550'
600'	1200'	1200'	1200'	600'	600'	600'
650'	1300'	1300'	1300'	650'	650'	650'
700'	1400'	1400'	1400'	700'	700'	700'
750'	1500'	1500'	1500'	750'	750'	750'

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



Typical Application 20

Ariel Garces
 All American Barracades, Corp
 ATSSA Certificate #16752

December 2009

Sheet 6H.01

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:

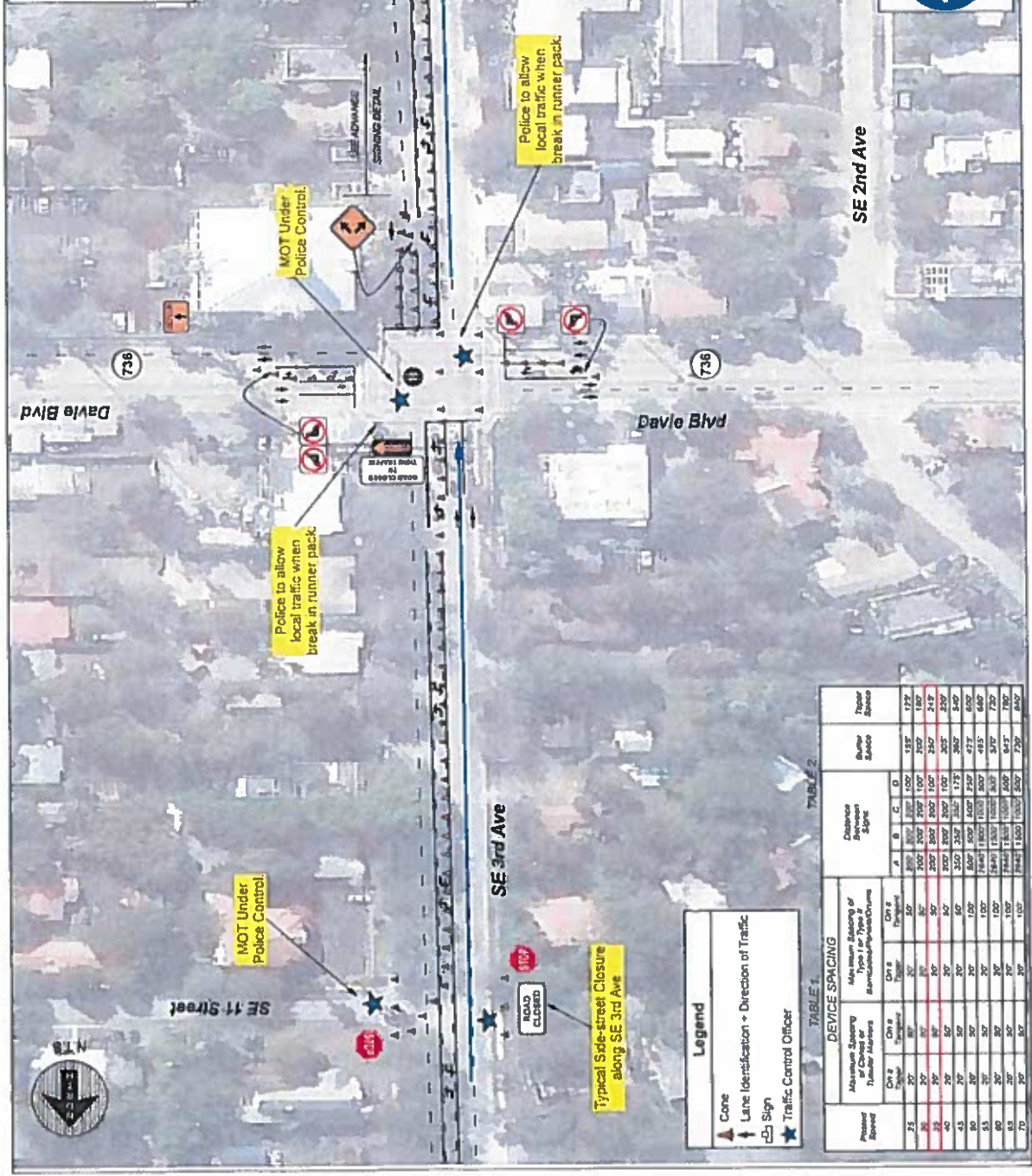
7. When used, the Street Name sign shall be placed above the Detour sign.
8. See Figure 6H-9 for the information for detouring a numbered highway.

Artel Garces
All American Barricades, Corp
ATSSA Certificate #16752

www.lantridirect.com

General Traffic Plan (MOT) Notes:

1. City of approved 11.17 (TCP) MOT drawing to be reviewed onsite by contractor at all times.
2. All changes to TCP/MOT drawing without prior consent of the approving Government agency and all access shall be given to local residents, public transportation and emergency responding vehicles.
3. All construction shall be completed by 5:00 PM on the day of the event.
4. All MOT drawings shall be submitted to the City of Portland, Oregon, Department of Transportation (DOT) for review and approval.
5. All MOT drawings shall be submitted to the local Mutual Aid Uniform Traffic Control Device (MUTCD) for review and approval.
6. All MOT drawings shall be submitted to the local Mutual Aid Uniform Traffic Control Device (MUTCD) for review and approval.
7. All MOT drawings shall be submitted to the local Mutual Aid Uniform Traffic Control Device (MUTCD) for review and approval.
8. All MOT drawings shall be submitted to the local Mutual Aid Uniform Traffic Control Device (MUTCD) for review and approval.
9. All MOT drawings shall be submitted to the local Mutual Aid Uniform Traffic Control Device (MUTCD) for review and approval.
10. All MOT drawings shall be submitted to the local Mutual Aid Uniform Traffic Control Device (MUTCD) for review and approval.
11. PLANS NOT TO SCALE.



ATA
 American Traffic & Transportation
 Consultants

Project: 020142018 Author: Axel Garcia Project: FT, Lauderdale Corp. Run Address: SE 3 Ave & Davie Blvd.

ATSSA # 16732

NOTE
 Typical drawing as per the latest edition of the MUTCD and FY2017 PDOT In-use 600 Series Design Standards.
 Drawing not to scale.
 All American Interstates does not warrant, the traffic control setup by others. The user must be familiar with the traffic control and learned to handle traffic control.

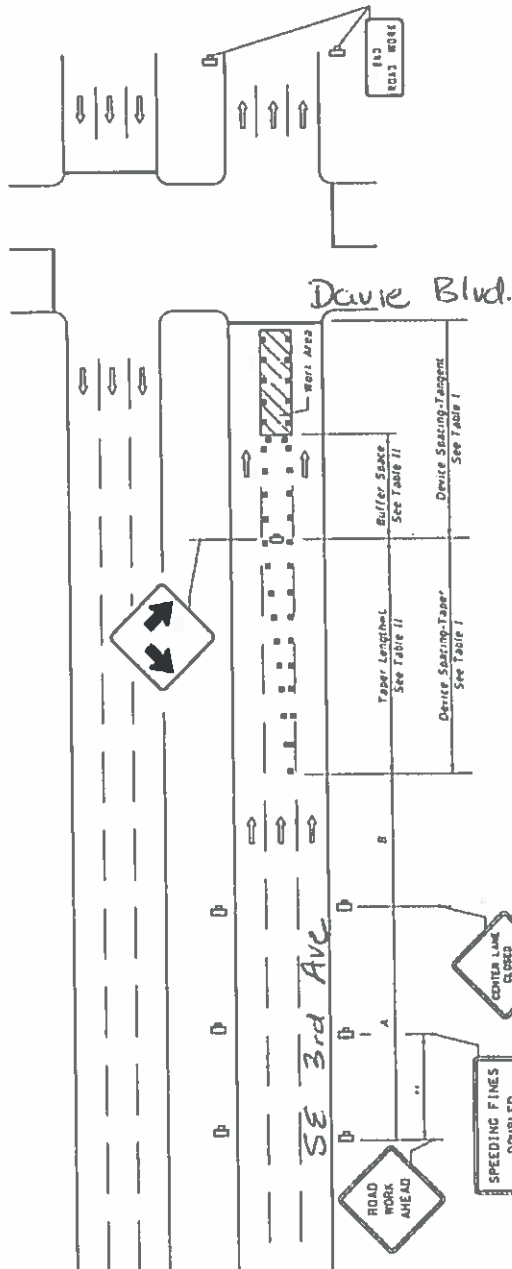
TABLE 1

Proposed Spacing	Maximum Spacing of Advance Signings				Maximum Spacing of Advance Signings				Number Advance Signings	Taper Advance Signings
	City A	City B	City C	City D	A	B	C	D		
25	200	300	400	500	200	300	400	500	150	175
30	200	300	400	500	200	300	400	500	150	180
35	200	300	400	500	200	300	400	500	150	185
40	200	300	400	500	200	300	400	500	150	190
45	200	300	400	500	200	300	400	500	150	195
50	200	300	400	500	200	300	400	500	150	200
55	200	300	400	500	200	300	400	500	150	205
60	200	300	400	500	200	300	400	500	150	210
65	200	300	400	500	200	300	400	500	150	215
70	200	300	400	500	200	300	400	500	150	220

DISTANCE BETWEEN SIGNS		
Speed	Spacing (ft.)	
	A	B
45 mph	250	350

Table 1 Device Spacing		
Speed (mph)	Max. Distance Between Devices (ft.)	
	Taper or Tangent	Barricades or Vertical Cones or Type I or Type II Panels or Drums
25	25	50
30	25	50
35	25	50
40	25	50
45	25	50

Table II Buffer Space and Taper Length			
Speed (mph)	Buffer Space (ft.)	Taper Length (ft.)	
		L	WS
25	155	125	60
30	200	180	60
35	250	245	60
40	305	320	60
45	360	540	60



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



SYMBOLS

- Work Area
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Advance Warning Arrow Board
- Lane Identification - Direction of Traffic

GENERAL NOTES

1. Work operations shall be confined to one center travel lane, leaving the adjacent travel lanes open to traffic.
2. The merging taper shall direct vehicular traffic into either the right or left lane, but not both.
3. When vehicles in a parking zone block the line of sight to TCZ signs, the signs shall be post mounted and illuminated in accordance with Index No. 11302.
4. If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index No. 660.
5. For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES

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

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 ALL AMERICAN BARRICADES, CORP.
 ATSSA CERTIFICATE #16752

CONDITIONS

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

INDEX NO. 617
 SHEET NO. 1 of 1

MULTILANE, WORK IN INTERSECTION CENTER LANE

FDOT DESIGN STANDARDS
 FY 2017-18

DESCRIPTION:
 LAST REVISION 07/01/15

11/23 PM 11/23/2016



SE. 3rd Ave

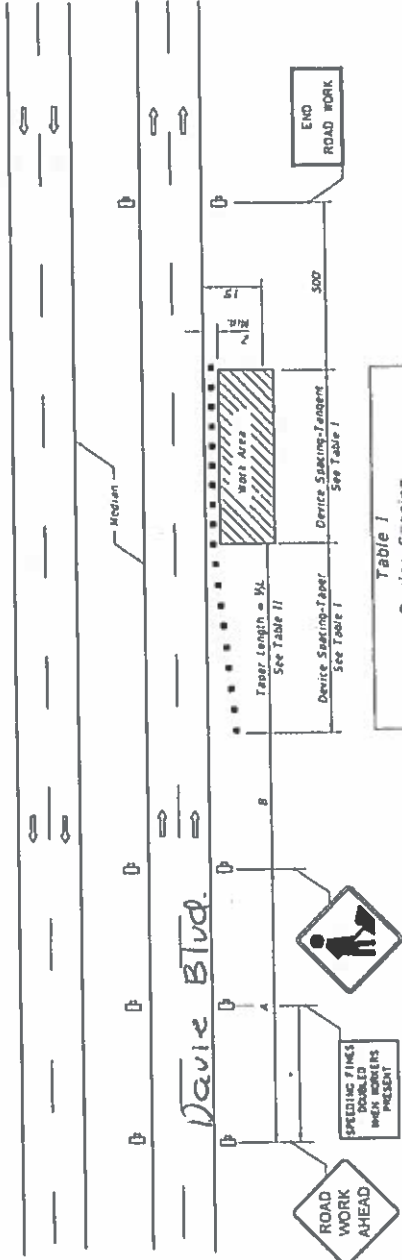


Table II
Taper Length - Shoulder

Speed (mph)	1/2 (ft.)		Notes
	10"	12"	
	Shldr.	Shldr.	
25	28	35	47
30	40	50	60
35	55	68	82
40	72	90	107
45	120	150	180
50	133	167	200
55	147	183	220
60	160	200	240
65	173	217	260
70	187	233	280

1/2 = minimum shoulder width.
1/2 = length of shoulder taper in feet
W = width of total shoulder in feet (combined paved and unpaved width)
S = Posted speed limit (mph)

Table I
Device Spacing

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

DISTANCE BETWEEN SIGNS

Speed	Spacing (ft.)	
	A	B
45 mph or less	300	350
50 mph or greater	500	500

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

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

- GENERAL NOTES**
1. 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 add the ROAD WORK AHEAD sign upstream 500 ft.
 2. This TCZ plan also applies to work performed in the median more than 2' but less than 15' from the edge of travelway.
 3. When work is being performed on a multilane undivided roadway the #511S normally mounted in the median (as shown) shall be omitted.
 4. WORKERS signs to be removed or fully lowered when no work is being performed.
 5. SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign.
 6. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TTC increases.
 7. For general TTC requirements and additional information refer to Index No. 600.

SYMBOLS

- work Area
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification + Direction of Traffic

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.

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

INDEX NO. 612

MULTILANE, WORK ON SHOULDER

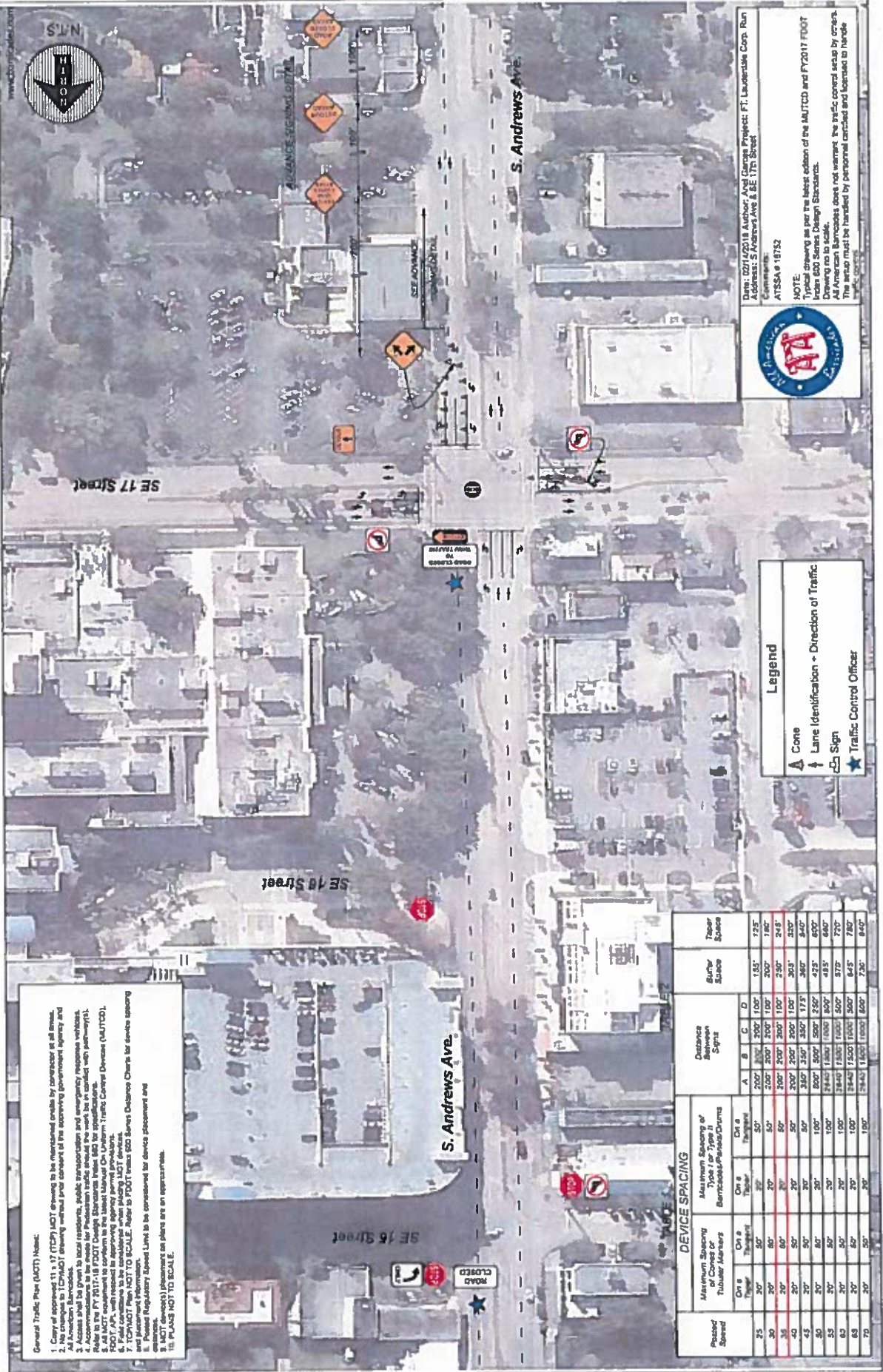
FDOT DESIGN STANDARDS

DESCRIPTION:

LAST REVISION 01/01/16

SHEET NO. 1 OF 1

16/01/2016 2:42:38 PM



General Traffic Plan (MCT) Notes:

1. Copy of approved 11 x 17 (PDF) MCT drawings to be e-mailed to contractor at all times.
2. No changes to 11x17 (PDF) drawing without prior consent of the approving government agency and All American Barncodes.
3. Access shall be given to local residents, public organizations and emergency response vehicles.
4. All signs shall be placed in accordance with the Florida Department of Transportation (FDOT) Manual on Uniform Traffic Control Devices (MUTCD).
5. All MCT equipment to conform to the latest Manual on Uniform Traffic Control Devices (MUTCD).
6. All signs shall be placed in accordance with the Florida Department of Transportation (FDOT) Manual on Uniform Traffic Control Devices (MUTCD).
7. FDOT Manual on Uniform Traffic Control Devices (MUTCD) shall be used for all signs.
8. All signs shall be placed in accordance with the Florida Department of Transportation (FDOT) Manual on Uniform Traffic Control Devices (MUTCD).
9. MCT drawings/placement on plans are an approximation.
10. PLANS NOT TO SCALE.

Legend

- ▲ Cone
- ↑ Lane Identification + Direction of Traffic
- Ⓢ Sign
- ★ Traffic Control Officer

Date: 02/14/2018 Author: Axel Garcia Project: FT. Lauderdale Corp. Run
 Address: S Andrews Ave & SE 17th Street
 Comments:
 ATESA # 18752

NOTE: Drawing is per the latest edition of the MUTCD and FY2017 FOOT
 Incon 600 Series Design Standards.
 Drawing not to scale.
 All American Barncodes does not warrant the traffic control setup by owner.
 The setup must be handled by personnel certified and licensed to handle
 traffic control.



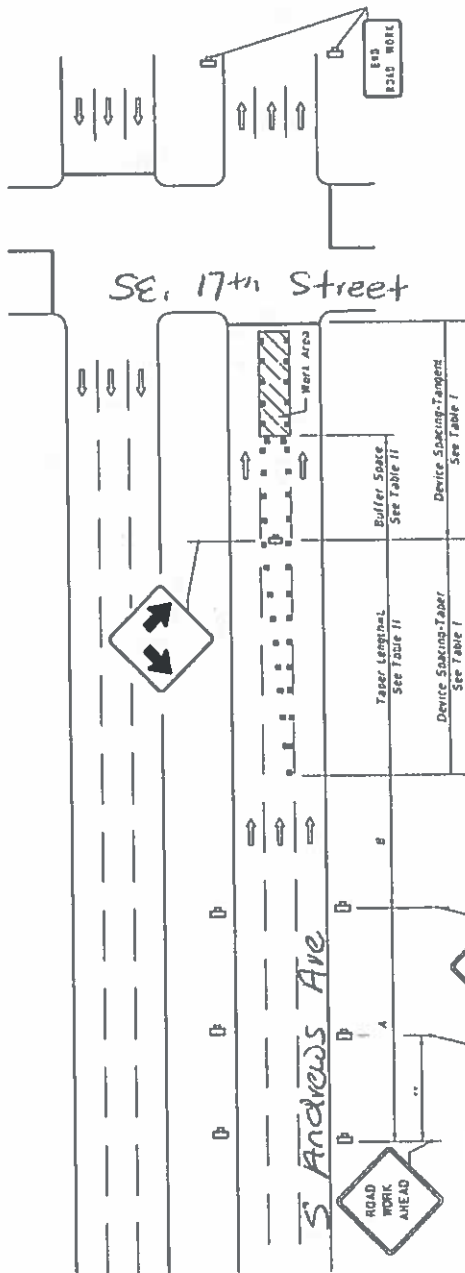
DEVICE SPACING

Posted Speed	Minimum Spacing Tubular Members		Maximum Spacing of Type (in Type 1) Barricade/Parade/Drums				Buffer Space	Trailer Space
	On a Shoulder	On a Travel Lane	Distance Between Signs					
			A	B	C	D		
25	30'	30'	200'	300'	200'	100'	155'	125'
30	30'	30'	200'	200'	200'	100'	200'	180'
35	30'	30'	200'	200'	200'	100'	200'	248'
40	30'	30'	200'	200'	200'	100'	200'	303'
45	30'	30'	200'	200'	200'	100'	200'	350'
50	30'	30'	200'	200'	200'	100'	200'	400'
55	30'	30'	200'	200'	200'	100'	200'	450'
60	30'	30'	200'	200'	200'	100'	200'	500'
65	30'	30'	200'	200'	200'	100'	200'	550'
70	30'	30'	200'	200'	200'	100'	200'	600'

Speed	Spacing (ft.)	
	A	B
40 mph or less	200	150
45 mph	350	350

Speed (mph)	Max. Distance Between Devices (ft.)
25	25
30	30
35	35
40	40
45	50

Speed (mph)	Buffer Space (ft.)		Notes
	Dist.	L	
25	155	125	(Merge)
30	200	180	MS/
35	250	245	L = 60'
40	305	320	
45	360	340	L = MS



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

GENERAL NOTES

1. Work operations shall be confined to one center travel lane, leaving the adjacent travel lanes open to traffic.
2. The merging taper shall direct vehicular traffic into either the right or left lane, but not both.
3. 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 No. 12302.
4. If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index No. 660.
5. For general TCZ requirements and additional information, refer to Index No. 600.

SYMBOLS

- ▨ Wart Area
- ▭ Channelizing Device (See Index No. 600)
- ⬇️ Wart Zone Sign
- ⬆️ Advance Warning Arrow Board
- ➡️ Lane Identification - Direction of Traffic

DURATION NOTES

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

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

CONDITIONS

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

INDEX NO. 617
 SHEET NO. 1 of 1

MULTILANE, WORK IN INTERSECTION CENTER LANE

FDOT DESIGN STANDARDS
 FY 2017-18

DESCRIPTION:
 REVISION:
 07/01/15

10/17/2016 1:13:17 PM



S Andrews Ave

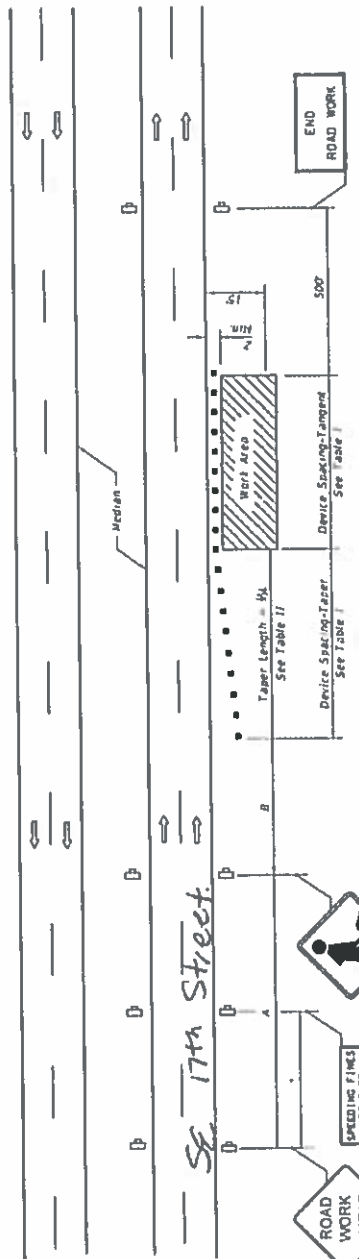


Table II
Taper Length - Shoulder

Speed (mph)	L (ft.)		Notes
	Shdr.	Shdr.	
25	28	35	42
30	30	38	45
35	35	45	52
40	40	50	60
45	45	55	68
50	50	60	75
55	55	65	82
60	60	70	90
65	65	75	100
70	70	80	110

Table I
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)	
	Type I or Type II Cones or Tubular Markers	Type I or Type II Tapers
25	25	50
30	25	50
35	25	50
40	25	50
45	25	50
50	25	50
55	25	50
60	25	50
65	25	50
70	25	50

DISTANCE BETWEEN SIGNS

Speed	Spacing (ft.)	
	A	B
40 mph or less	200	250
45 mph	350	350
50 mph or greater	500	500

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

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 M17-5-06 sign in the ROAD WORK AHEAD sign location and their ROAD WORK AHEAD sign upstream 500 ft.
- 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 TTC indexes.
- For general TTC requirements and additional information, refer to Index No. 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, flashing, rotating, oscillating, or strobe lights operating.

SYMBOLS

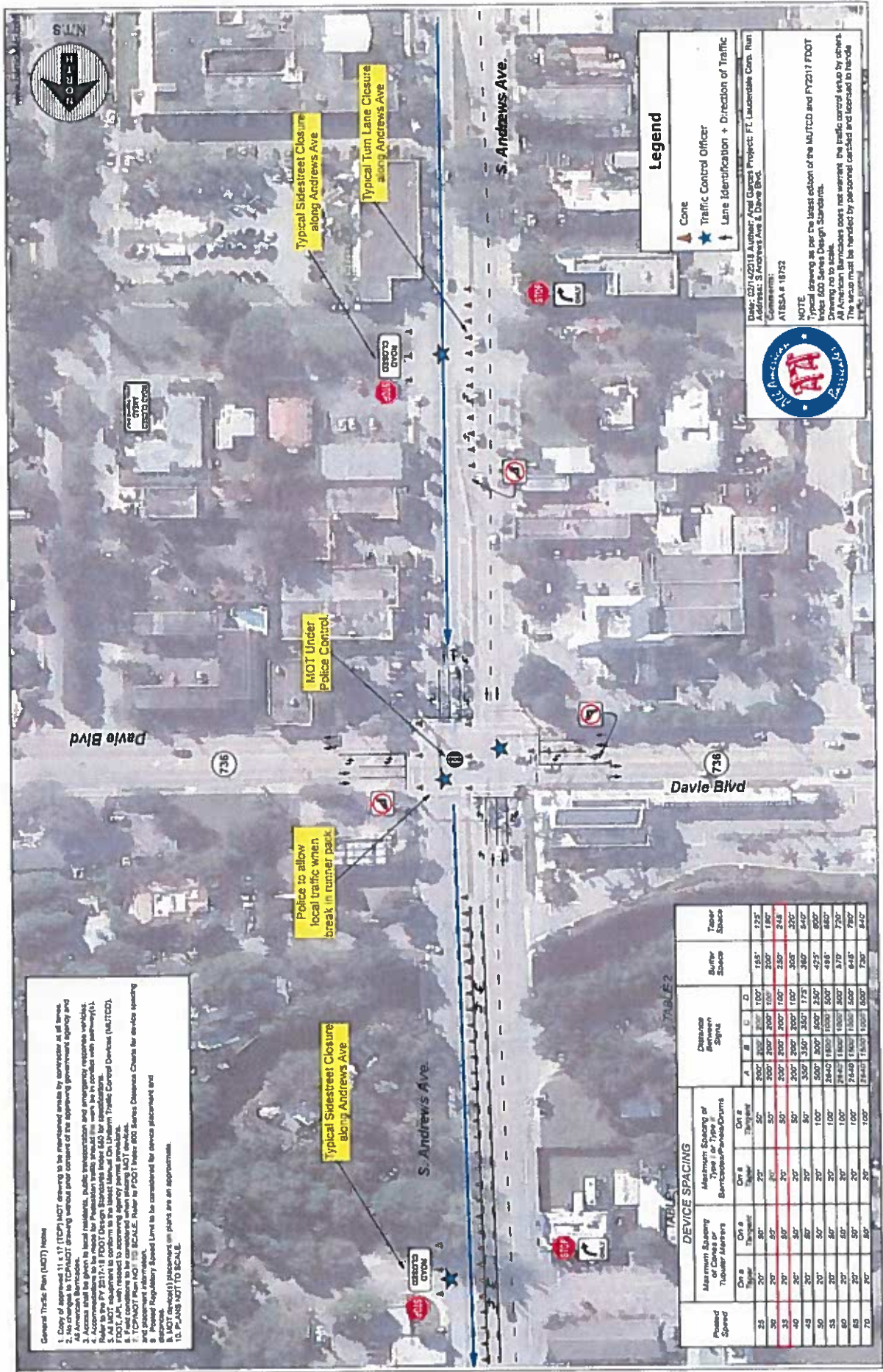
- Work Area
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification - Direction of Traffic

CONDITIONS

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

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

LAST REVISION 01/01/16	DESCRIPTION: MULTILANE, WORK ON SHOULDER	INDEX NO. 612	SHEET NO. 1 OF 1
FY 2017-18 DESIGN STANDARDS			



- General Traffic Plan (MOT) Notes
1. Copy of approved 11.17 (TCP) MOT drawings to be provided to all agencies at all times.
 2. Copy of approved 11.17 (TCP) MOT drawings to be provided to the approving government agency and all American Barricade.
 3. Access shall be given to local residents, public transportation and emergency response vehicles.
 4. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD).
 5. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD).
 6. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD).
 7. TCP/MOT Plan NO. 1 SCALE. Refer to FDOT Inter 800 Series Clearance Charts for device spacing and placement information.
 8. Regulatory Speed Limit to be considered for device placement and placement information.
 9. Regulatory Speed Limit to be considered for device placement and placement information.
 10. PLANS NOT TO SCALE.

TABLE 2
DEVICE SPACING

Posted Speed	Maximum Spacing Tubular Barricade		Alignment Spacing of Barricade/Portable Drums		Distance Between Signs				Buffer Space	Taper Space
	On #	Off #	On #	Off #	A	B	C	D		
25	50'	50'	50'	50'	200'	200'	200'	100'	185'	225'
30	60'	60'	60'	60'	200'	200'	200'	100'	200'	180'
35	70'	70'	70'	70'	200'	200'	200'	100'	250'	245'
40	80'	80'	80'	80'	200'	200'	200'	100'	305'	300'
45	90'	90'	90'	90'	200'	200'	200'	100'	350'	340'
50	100'	100'	100'	100'	200'	200'	200'	100'	400'	390'
55	110'	110'	110'	110'	200'	200'	200'	100'	450'	440'
60	120'	120'	120'	120'	200'	200'	200'	100'	500'	490'
65	130'	130'	130'	130'	200'	200'	200'	100'	550'	540'
70	140'	140'	140'	140'	200'	200'	200'	100'	600'	590'

Logo: Florida Department of Transportation (FDOT)

Logo: American Barricade

Logo: ATSSA # 18732

NOTE
 Typical drawing as per the latest edition of the MUTCD and FY2117 FDOT Inter 800 Series Design Standards.
 All drawings are for informational purposes only. The drawings do not warrant the traffic control setup by others. The work must be handled by personnel certified and licensed to do so.

Typical Setup For All SB Left Turn Bays From Davie Blvd. To SE 15th St

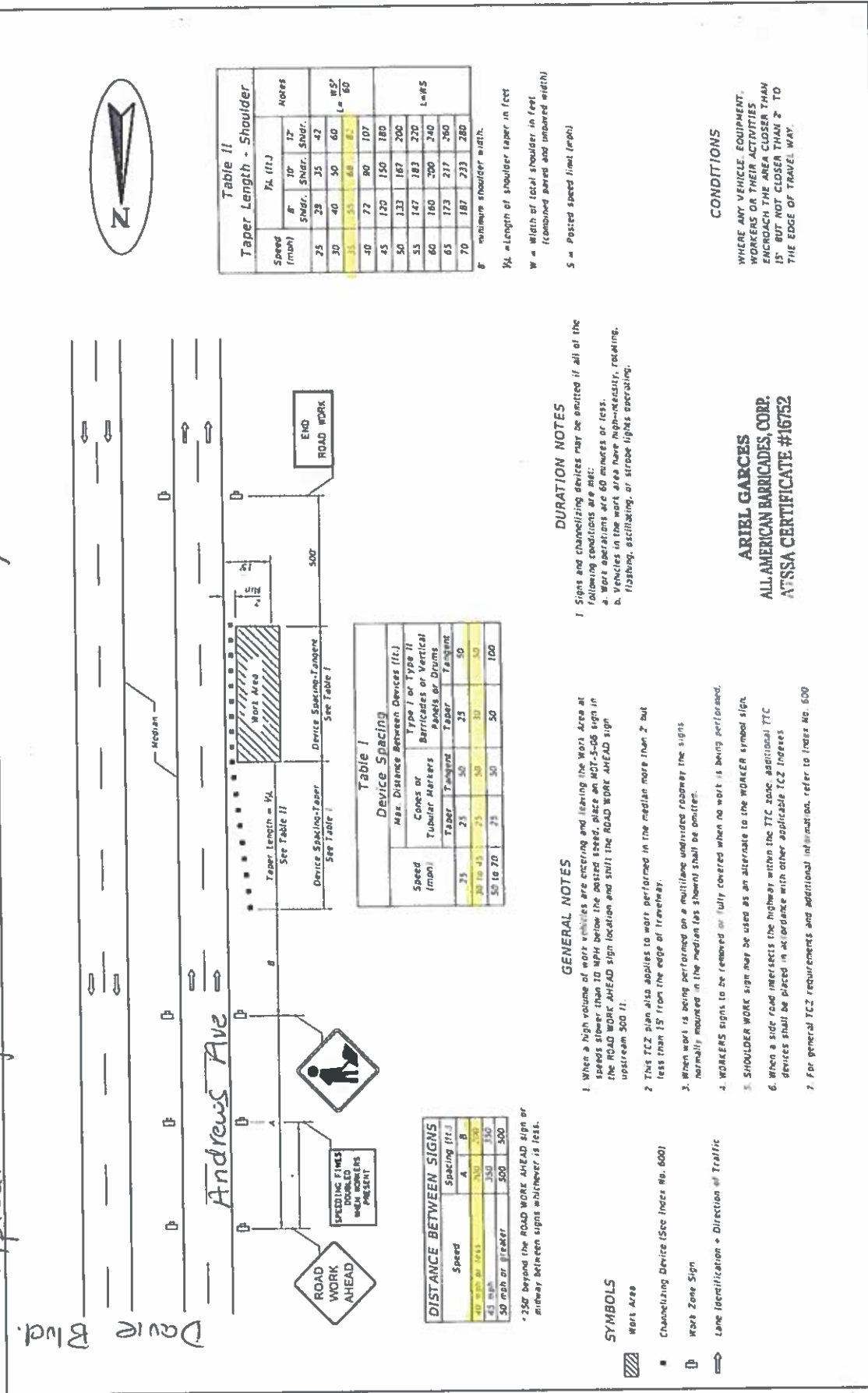


Table II
Taper Length - Shoulder

Speed (mph)	W/L (ft.)		Notes
	8" Shldr.	17" Shldr.	
25	28	35	42
30	40	50	60
35	55	68	82
40	72	90	107
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.
W/L = Length of shoulder taper in feet
W = Width of total shoulder in feet (combined paved and unpaved width)
S = Posted speed limit (mph)

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
	50	100

DISTANCE BETWEEN SIGNS

Speed	Spacing (ft.)	
	A	B
40 mph or greater	300	300
45 mph	350	350
50 mph or greater	500	500

* 250' beyond the ROAD WORK AHEAD sign or wherever is less.

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-visibility, flashing, flashing, oscillating, or strobe lights operating.

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 M3T-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 TTC indexes.
- For general TCZ requirements and additional information, refer to Index No. 600.

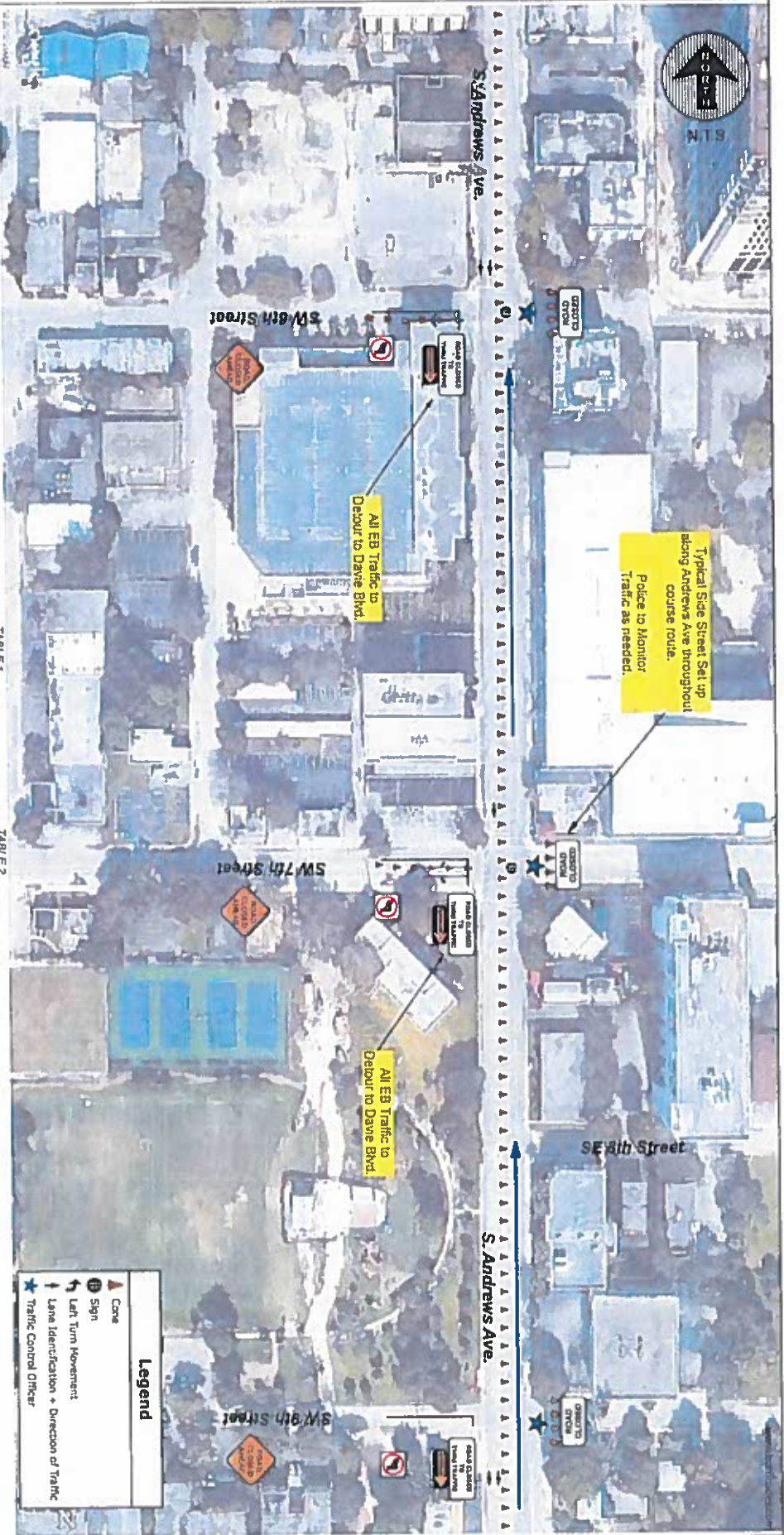
CONDITIONS

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.

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

LAST REVISION 01/01/16	DESCRIPTION: MULTILANE, WORK ON SHOULDER	INDEX NO. 612	SHEET NO. 1 of 1
FY 2017-18 DESIGN STANDARDS		FDOT	

16/12/2016 1:02:19 PM



- General Traffic Plan (MUTCD) Notes:
1. Copy of approved 11 x 17 (FOOT) MUTCD signage to be maintained onsite by supervisor at all times.
 2. All American Banners shall be placed on the roadway prior to the start of the supervising government agency run.
 3. Access shall be given to local residents, public information and emergency response vehicles.
 4. Approved P2017 MUTCD Day Signage from 600 Series (MUTCD).
 5. All MUTCD equipment to conform to the latest National On Uniform Traffic Control Devices (MUTCD).
 6. MUTCD Plan MAT TO SCALE. Refer to MUTCD Tables 6D0 Series Distance Chart for device spacing and placement information.
 7. MUTCD Plan MAT TO SCALE. Refer to MUTCD Tables 6D0 Series Distance Chart for device spacing and placement information.
 8. MUTCD (Special) placement as shown on an appropriate.
 9. MUTCD (Special) placement as shown on an appropriate.
 10. PLANS MAT TO SCALE.

TABLE 1
Maximum Spacing of Cones at Various Locations

Location	Dist. 1	Dist. 2	Dist. 3	Dist. 4	Dist. 5	Dist. 6	Dist. 7	Dist. 8	Dist. 9	Dist. 10
1. Approach to Stop Sign	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
2. Approach to Stop Sign	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
3. Approach to Stop Sign	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
4. Approach to Stop Sign	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
5. Approach to Stop Sign	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
6. Approach to Stop Sign	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
7. Approach to Stop Sign	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
8. Approach to Stop Sign	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
9. Approach to Stop Sign	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
10. Approach to Stop Sign	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'

TABLE 2
Distances Between Signs

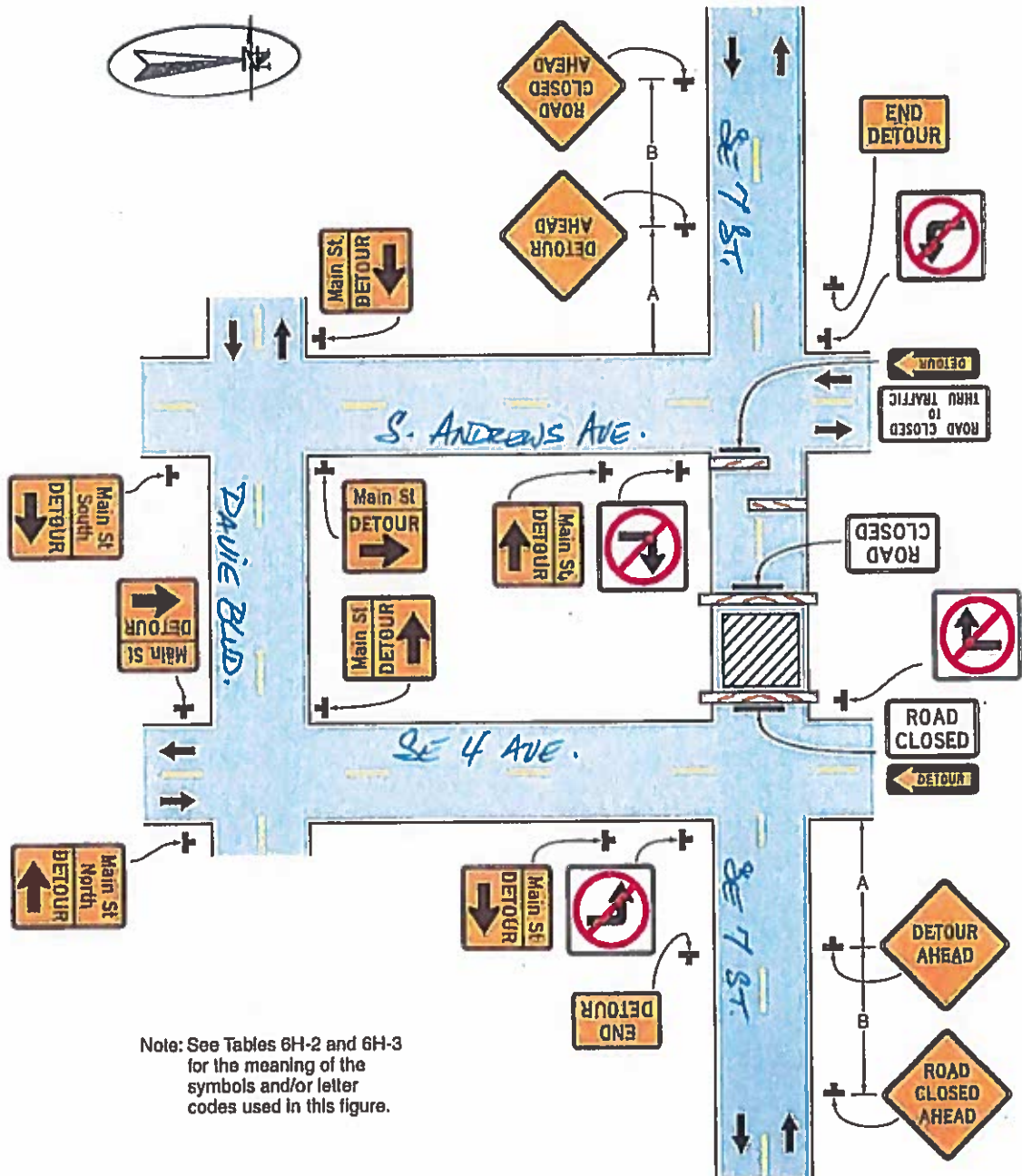
Sign	A	B	C	D	Other	Notes
1. Stop Sign	15'	15'	15'	15'	15'	15'
2. Stop Sign	15'	15'	15'	15'	15'	15'
3. Stop Sign	15'	15'	15'	15'	15'	15'
4. Stop Sign	15'	15'	15'	15'	15'	15'
5. Stop Sign	15'	15'	15'	15'	15'	15'
6. Stop Sign	15'	15'	15'	15'	15'	15'
7. Stop Sign	15'	15'	15'	15'	15'	15'
8. Stop Sign	15'	15'	15'	15'	15'	15'
9. Stop Sign	15'	15'	15'	15'	15'	15'
10. Stop Sign	15'	15'	15'	15'	15'	15'

DATE: 02/14/2018 Author: Axel Garcia Project: FT Lauderdale Corp. Run
Address: S Andrews Ave/SE 6 Street - SE 8 Street Street: 5
Contract No: ATSSA # 1875Z

NOTE:
Typical drawing as per the latest edition of the MUTCD and P2017 FOOT
Under 600 Series Design Standards.
All American Banners does not warrant the traffic control setup by others.
The setup must be handled by personnel certified and licensed to handle
TRAFFIC CONTROL.



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

Ariel Garces
All American Barricades, Corp
ATSSA Certificate #16752

December 2009

Sect. 6H.01

SYMBOLS

- Work Area
- Channelizing Device (See Index No. 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 W01-506 sign in the ROAD WORK AHEAD sign location and shift the ROAD WORK AHEAD sign upstream 500 ft.
- This TCZ sign 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 alternative to the WORKERS 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 No. 600.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRoACH THE AREA CLoSER THAN 15' BUT NOT CLoSER THAN 7' TO THE EDGE OF TRAVEL WAY.

GENERAL 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, flashing, rotating, or strobe lights operating;

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, flashing, rotating, or strobe lights operating;

DISTANCE BETWEEN SIGNS:

Speed	Spacing (ft.)	
	A	B
40 mph or less	250	250
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 1

Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)		
	Cones or Tubular Markers	Barricades or Vertical Panels or Drums	Taper
25	35	50	50
30 to 45	25	50	30
50 to 70	25	50	50

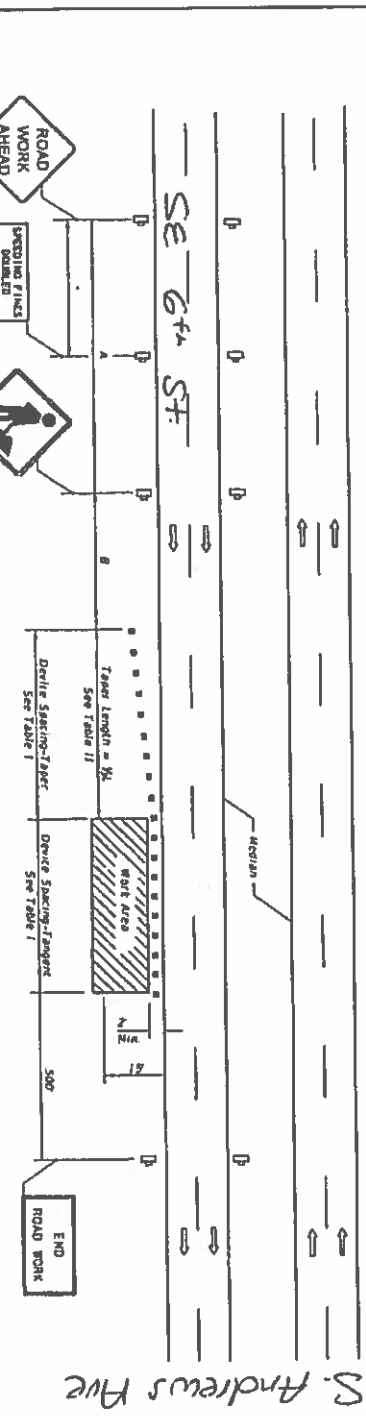
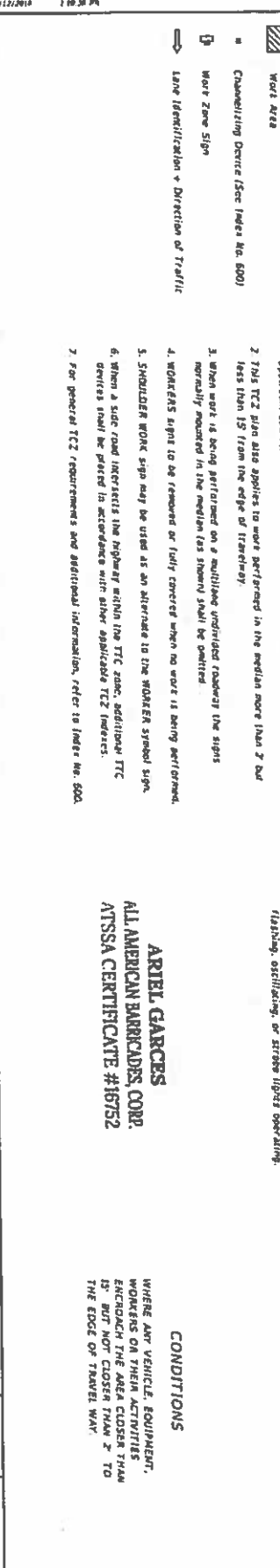


Table II

Taper Length - Shoulder

Speed (mph)	ft. (ft.)			Notes
	10'	12'	15'	
25	29	33	42	LWS
30	40	50	60	
35	53	68	82	LWS
40	77	99	107	
45	120	156	180	LWS
50	133	187	200	
55	147	193	230	LWS
60	160	200	240	
65	173	217	260	LWS
70	187	233	280	

W = width of total shoulder in feet (combined paved and unpaved width)
 S = Posted speed limit (mph)



SYMBOLS

- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification + Direction of Traffic

WORK AREA

DISTANCE BETWEEN SIGNS

Speed	Spacing (ft.)	
	A	B
40 mph or less	200	300
45 mph	300	450
50 mph or greater	500	500

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

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 W07-5-06 sign in the ROAD WORK AHEAD sign location and shift the ROAD WORK AHEAD sign upstream 500 ft.
- This TCC plan also applies to work performed in the median more than 7' but less than 15' from the edge of travelway.
- When work is being performed on a multilane undivided roadway the signs normally measured in the median (as shown) shall be omitted.
- WORKERS signs to be removed or fully covered when no work is being performed.
- SHOULDER work signs may be used as an alternative to the WORKERS sign.
- When a sign road intersects the highway within the TTC zone, additional TTC devices must be placed in accordance with other applicable TTC indexes.
- For special TTC requirements and additional information, refer to Index No. 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 light operation.

CONDITIONS

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

Table I

Max. Distance between Devices (ft.)

Speed (mph)	Cones or Tubular Markers		Barricades or Vertical Posts or Drums		Tapered Taper	
	25	30 to 45	25	30	30	50
25	25	25	50	30	30	50
30 to 45	25	25	50	30	30	50
50 to 70	25	25	50	30	30	100

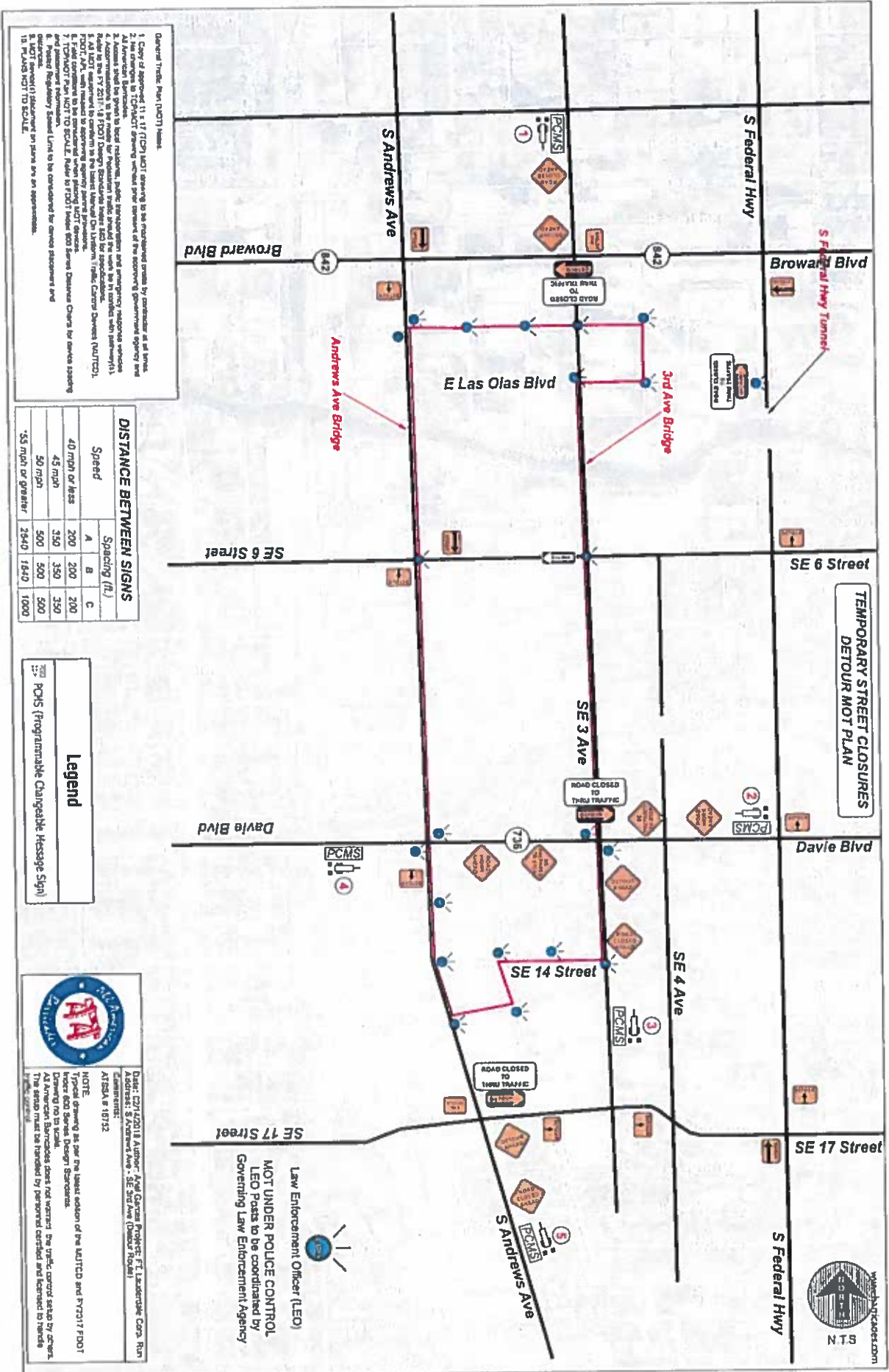
Table II

Taper Length - Shoulder

Speed (mph)	FL (ft.)			Notes
	8"	10"	12"	
25	28	35	42	W.S. L=60
30	40	50	60	
35	55	60	82	
40	72	90	107	
45	120	150	180	
50	132	167	200	L=WS
55	147	183	230	
60	160	200	240	
65	173	217	260	
70	187	233	280	

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





- General Traffic Sign (MOT) Notes:
1. Copy of approved 11 x 17 (12x11) MOT drawing to be maintained onsite by contractor at all times.
 2. Use orange 18" (15") reflective sheet pile signage of the approved Government agency and 18" (15") reflective sheet pile signage of the approved Government agency and 18" (15") reflective sheet pile signage of the approved Government agency.
 3. Access shall be given to local residents, public institutions and emergency roadside services.
 4. Accommodations to be made for pedestrian traffic, public utility and emergency roadside services.
 5. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD).
 6. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD).
 7. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD).
 8. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD).
 9. All MOT equipment to conform to the latest Manual On Uniform Traffic Control Devices (MUTCD).
 10. 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
43 mph	350	350	350
50 mph	500	500	500
55 mph or greater	2540	1840	1000

Legend

PCMS (Programmable Changeable Message Sign)



NOTE:
 Drawing is per the latest edition of the MUTCD and F7317 FDOT
 Manual on Uniform Traffic Control Devices (MUTCD).
 All American Signboards does not warrant the traffic control setup by others.
 The setup must be handled by personnel certified and licensed to handle
 the traffic control.

Date: 02/14/2018 Author: Axel Garcia Project: FT Lauderdale Core Run
 Address: S Andrews Ave., SE 3rd Ave (Dedour Route)
 Administrator:
 ATSSA # 18132

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



**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:

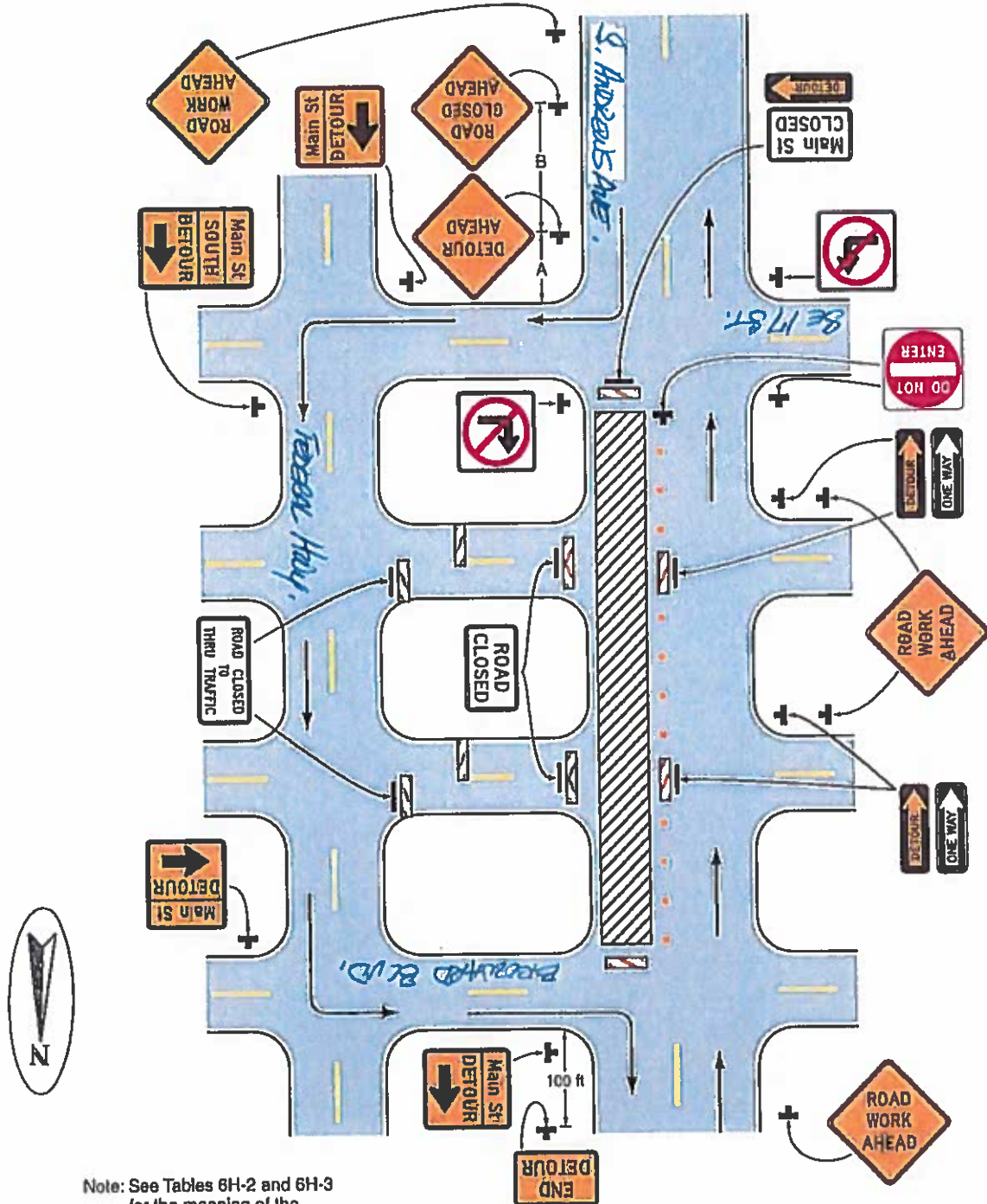
3. The STREET CLOSED legend may be used in place of ROAD CLOSED.
4. Additional DO NOT ENTER signs may be used at intersections with intervening streets.
5. Warning lights may be used on Type 3 Barricades.
6. Detour signs may be located on the far side of intersections.
7. A Street Name sign may be mounted 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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Figure 6H-19. Detour for One Travel Direction (TA-19)



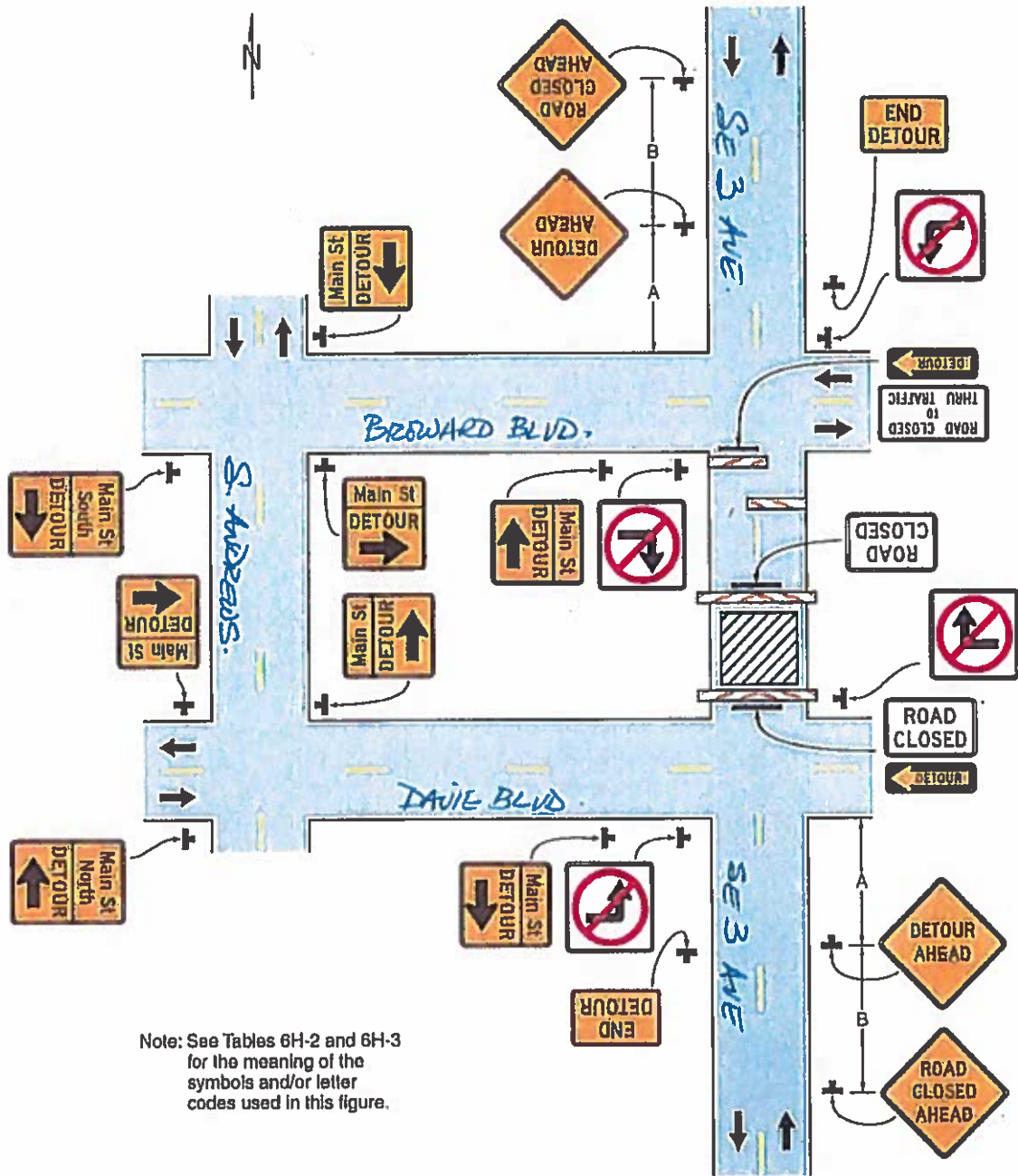
Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

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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.

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